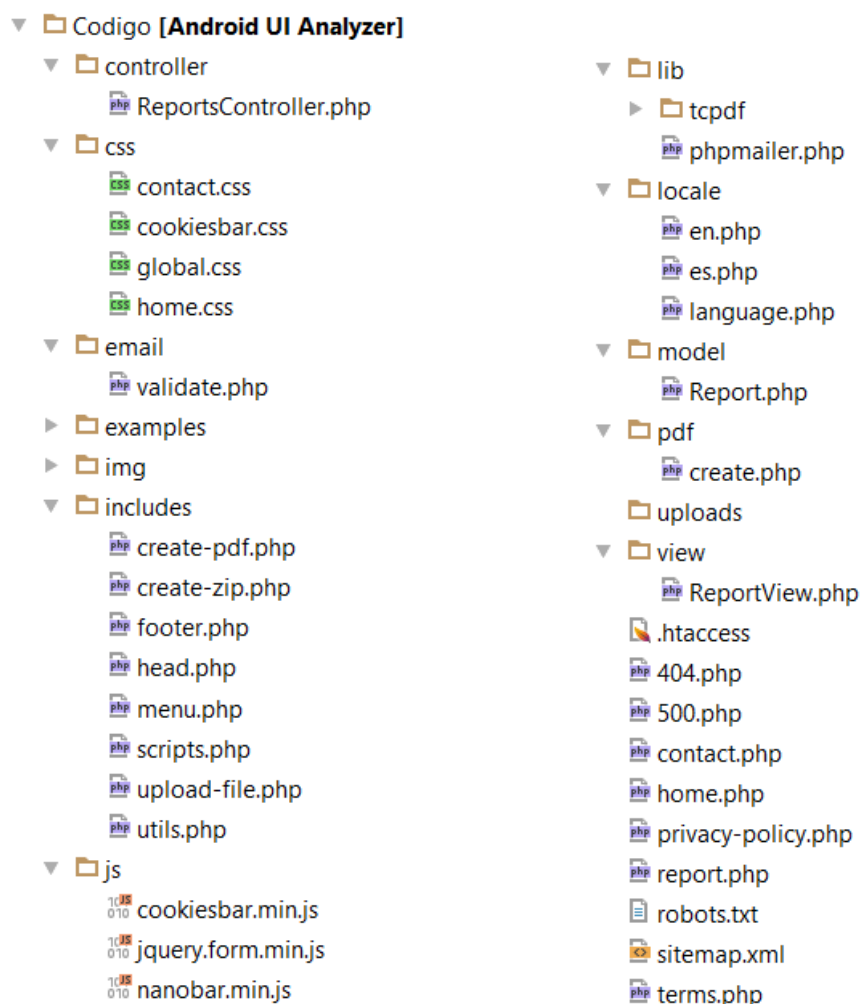


Anexo 4

Capítulo 1. Código fuente

1.1 Estructura de carpetas

Para tener una idea general de cómo se organiza todo el código, se muestra una imagen con la distribución de las distintas carpetas, tal y como ya se dijo en la memoria principal del proyecto:



Algunos ficheros han sido excluidos para mostrar su código fuente, pues se trata de imágenes, ficheros javascript minificados y oscurecidos o simplemente archivos demasiado grandes como los del framework de CSS.

1.2 Código fuente

1.2.1 Clase ReportsController.php

```
<?php
include "includes/utils.php";
include "model/Report.php";
include "view/ReportView.php";

class ReportsController
{
    const ANDROID_NAMESPACE = "http://schemas.android.com/apk/res/android";
    const CARDVIEW_NAMESPACE = "http://schemas.android.com/apk/res-auto";

    private $allIssues = [
        "WRONG_FORMAT" => 1,
        "USE_WRAP_CONTENT_MATCH_PARENT" => 2,
        "USE_RELATIVE_LAYOUT" => 3,
        "USE_DP_SP" => 4,
        "USE_CONTENT_DESCRIPTION" => 5,
        "FOCUSABLE" => 6,
        "CREATE_STYLE" => 7,
        "COMPOUND_DRAWABLE" => 8,
        "OPTIMIZE_BY_MERGIN" => 9,
        "ELEVATION" => 10,
        "LISTS_CARDS" => 11,
        "CREATE_CARD" => 12,
        "FONT_SIZE" => 13,
        "HARDCODED_STRING" => 14,
        "ACTION_VERBS" => 15,
        "TEXT_SELECTABLE" => 16,
        "ITEM_TITLE" => 17,
        "ITEM_ICON" => 18,
        "INPUT_TYPE" => 19,
        "OVERRIDE_PARAMS" => 20
    ];

    private $model;
    private $xml;
    private $lang;
    private $text;
    private $issuesDetected = array();
    private $allElementsAffected = array();

    public function __construct($xml, $lang, $text)
    {
        $this->model = new Report();
        $this->xml = $xml;
        $this->lang = $lang;
        $this->text = $text;
    }

    public function detectIssues()
    {
        if (!$this->malformedFile()) {
            $this->analyzeNodesRecursively($this->xml);
            $this->analyzeNodesNonRecursively();

            $categories = $this->model->loadAllCategories($this->lang);
        } else
            $categories = $this->model->loadFormatCategorie($this->lang);

        $issuesDetected = $this->issuesDetected;
        $allElementsAffected = $this->allElementsAffected;
        $issues = $this->model->loadIssues($this->lang);

        $view = new ReportView($this->lang, $this->text, $categories, $issuesDetected,
$issues, $allElementsAffected);
        echo $view->output();
    }
}
```

```

private function addIssue($node, $issue)
{
    if ($node != null) {
        $values["Name"] = $node->getName();
        $values["Id"] = str_replace("@+id/", "", (string)$node->attributes(self::ANDROID_NAMESPACE->id);

        $this->allElementsAffected[$this->allIssues[$issue]][] = $values;
    }

    $this->issuesDetected[] = $this->allIssues[$issue];
}

// --- From here, the functions that check all the different topics/issues ---

// Functions Don't Use Recursion

private function analyzeNodesNonRecursively()
{
    if (!utils::isMenu($this->xml)) {
        $this->useRelativeLayout();
        $this->compoundDrawable();
        $this->optimizeByMergin();
    }
}

private function malformedFile()
{
    if (empty($this->xml)) {
        $this->addIssue(null, "WRONG_FORMAT");
        return true;
    } else {
        $namespaces = $this->xml->getNamespaces(true);
        if (!in_array(self::ANDROID_NAMESPACE, $namespaces)) {
            $this->addIssue(null, "WRONG_FORMAT");
            return true;
        }
    }
    return false;
}

private function useRelativeLayout()
{
    if ($this->xml->getName() == "LinearLayout")
        $this->addIssue($this->xml, "USE_RELATIVE_LAYOUT");
}

private function compoundDrawable()
{
    if ($this->xml->getName() == "LinearLayout") {
        foreach ($this->xml->children() as $node) {
            $textView = false;
            $imageView = false;

            if ($node->getName() == "TextView")
                $textView = true;
            else if ($node->getName() == "ImageView")
                $imageView = true;

            if ($textView && $imageView)
                $this->addIssue($node, "COMPOUND_DRAWABLE");
        }
    }
}

private function optimizeByMergin()
{
    $merge = false;
    if ($this->xml->getName() == "FrameLayout") {
        if (count($this->xml->attributes(self::ANDROID_NAMESPACE)) == 0)
            $merge = true;
        else
            foreach ($this->xml->attributes(self::ANDROID_NAMESPACE) as $attribute) {
                if ($attribute->getName() != "layout_width" && $attribute->getName()
                != "layout_height")
                    $merge = false;
            }
    }
}

```

```

        else
            $merge = true;
        }

        if ($merge)
            $this->addIssue($this->xml, "OPTIMIZE_BY_MERGIN");
    }
}

// Functions Use Recursion

private function analyzeNodesRecursively($nodes)
{
    if (!$utils::isMenu($this->xml)) {
        $this->useWrapContentMatchParent($nodes);
        $this->useDensityIndependentPixels($nodes);
        $this->useContentDescription($nodes);
        $this->useFocusable($nodes);
        $this->separateIntoStyle($nodes);
        $this->useElevation($nodes);
        $this->listsAndCards($nodes);
        $this->checkCardAttributes($nodes);
        $this->checkFontSizes($nodes);
        $this->checkActionVerbs($nodes);
        $this->checkSelectableText($nodes);
        $this->checkInputType($nodes);
        $this->overridingParams($nodes);
    }

    $this->checkStringsValues($nodes);
    $this->checkItemTitle($nodes);
    $this->checkItemIcon($nodes);

    foreach ($nodes->children() as $node)
        if ($node->children())
            $this->analyzeNodesRecursively($node);
}

private function useWrapContentMatchParent($nodes)
{
    foreach ($nodes as $node) {
        if (
            ($node->attributes(self::ANDROID_NAMESPACE)->layout_width !=
"match_parent" &&
            $node->attributes(self::ANDROID_NAMESPACE)->layout_width !=
"wrap_content") ||
            ($node->attributes(self::ANDROID_NAMESPACE)->layout_height !=
"match_parent" &&
            $node->attributes(self::ANDROID_NAMESPACE)->layout_height !=
"wrap_content")
        ) {
            $this->addIssue($node, "USE_WRAP_CONTENT_MATCH_PARENT");
        }
    }
}

private function useDensityIndependentPixels($nodes)
{
    foreach ($nodes as $node) {
        foreach ($node->attributes(self::ANDROID_NAMESPACE) as $attribute) {
            if (utils::endsWith($attribute, "px"))
                $this->addIssue($node, "USE_DP_SP");
        }
    }
}

private function useContentDescription($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "ImageButton" || $node->getName() == "ImageView" ||
        $node->getName() == "CheckBox")
            if (empty($node->attributes(self::ANDROID_NAMESPACE)-
>contentDescription))
                $this->addIssue($node, "USE_CONTENT_DESCRIPTION");
    }
}

```

```

        if ($node->getName() == "EditText")
            if (empty($node->attributes(self::ANDROID_NAMESPACE)->hint))
                $this->addIssue($node, "USE_CONTENT_DESCRIPTION");
    }
}

private function useFocusable($nodes)
{
    foreach ($nodes as $node) {
        if (empty($node->attributes(self::ANDROID_NAMESPACE)->focusable)
            || (
                empty($node->attributes(self::ANDROID_NAMESPACE)->nextFocusDown) &&
                empty($node->attributes(self::ANDROID_NAMESPACE)->nextFocusUp) &&
                empty($node->attributes(self::ANDROID_NAMESPACE)->nextFocusLeft) &&
                empty($node->attributes(self::ANDROID_NAMESPACE)->nextFocusRight)
            )
        )
            $this->addIssue($node, "FOCUSABLE");
    }
}

private function separateIntoStyle($nodes)
{
    foreach ($nodes as $node) {
        if (count($node->attributes(self::ANDROID_NAMESPACE)) > 10)
            $this->addIssue($node, "CREATE_STYLE");
    }
}

private function useElevation($nodes)
{
    $androidLayouts = ["RelativeLayout", "LinearLayout", "FrameLayout",
"GridLayout", "DrawerLayout"];
    foreach ($nodes as $node) {
        if (!in_array($node->getName(), $androidLayouts) &&
            empty($node->attributes(self::ANDROID_NAMESPACE)->elevation)
        )
            $this->addIssue($node, "ELEVATION");
    }
}

private function listsAndCards($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "ListView")
            $this->addIssue($node, "LISTS_CARDS");
    }
}

private function checkCardAttributes($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "CardView" || $node->getName() ==
"android.support.v7.widget.CardView")
            if (
                empty($node->attributes(self::CARDVIEW_NAMESPACE)->cardElevation) ||
                empty($node->attributes(self::CARDVIEW_NAMESPACE)->cardCornerRadius)
            ||
                empty($node->attributes(self::CARDVIEW_NAMESPACE)-
>cardBackgroundColor)
            )
                $this->addIssue($node, "CREATE_CARD");
    }
}

private function checkFontSizes($nodes)
{
    foreach ($nodes as $node) {
        $textSizeString = $node->attributes(self::ANDROID_NAMESPACE)->textSize;
        $find = array("px", "sp", "dp");
        $textSize = str_replace($find, "", $textSizeString);

        if (!empty($textSize) && $textSize <= 11)
            $this->addIssue($node, "FONT_SIZE");
    }
}

```

```
}

private function checkStringsValues($nodes)
{
    foreach ($nodes as $node) {
        $text = $node->attributes(self::ANDROID_NAMESPACE)->text;
        if (!empty($text) && !utils::startsWith($text, "@string/"))
            $this->addIssue($node, "HARDCODED_STRING");
    }
}

private function checkActionVerbs($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "Button")
            $this->addIssue($node, "ACTION_VERBS");
    }
}

private function checkSelectableText($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "TextView")
            $this->addIssue($node, "TEXT_SELECTABLE");
    }
}

private function checkItemTitle($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "item" && empty($node->attributes(self::ANDROID_NAMESPACE)->title))
            $this->addIssue($node, "ITEM_TITLE");
    }
}

private function checkItemIcon($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "item" && empty($node->attributes(self::ANDROID_NAMESPACE)->icon))
            $this->addIssue($node, "ITEM_ICON");
    }
}

private function checkInputType($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "EditText" && empty($node->attributes(self::ANDROID_NAMESPACE)->inputType))
            $this->addIssue($node, "INPUT_TYPE");
    }
}

private function overridingParams($nodes)
{
    foreach ($nodes as $node) {
        if ($node->getName() == "include" && !empty($node->attributes()->layout)) {
            if (empty($node->attributes(self::ANDROID_NAMESPACE)->layout_width) ||
                empty($node->attributes(self::ANDROID_NAMESPACE)->layout_height))
                $this->addIssue($node, "OVERRIDE_PARAMS");
        }
    }
}
}
```

1.2.2 Archivo contact.css

```
body > div.ui.one.stackable.centered.page.grid > div > p {
```

```
margin-top: -1.25em;
margin-bottom: 2em;
}

.email-correct, .email-incorrect {
margin-top: 1em;
font-weight: 700
}

.email-correct {
color: green
}

.email-incorrect {
color: red
}

#submit {
margin-top: 1em
}

#form > div > h2:nth-child(n) {
font-size: 1.75rem
}
```

1.2.3 Archivo cookiesbar.css

```
#cookie-bar {
background: #3B83C0;
color: #fff;
line-height: 24px;
padding: 3px 0;
text-align: center;
z-index: 99999999
}

#cookie-bar.fixed {
left: 0;
position: fixed;
top: 0;
width: 100%
}

#cookie-bar.fixed.bottom {
bottom: 0;
top: auto
}

#cookie-bar p {
font-size: 16px;
margin: 0;
padding: 0
}

#cookie-bar a {
border-radius: 3px;
color: #fff;
display: inline-block;
margin-bottom: 4px;
margin-left: 8px;
margin-top: 4px;
padding: 3px;
text-decoration: none
}

#cookie-bar .cb-enable {
background: #070
}

#cookie-bar .cb-enable:hover {
background: #090
}

#cookie-bar .cb-disable {
background: #900
}

#cookie-bar .cb-disable:hover {
background: #b00
}

#cookie-bar .cb-policy {
```

```
        background: #3B579D
    }
    #cookie-bar .cb-policy:hover {
        background: #4966B6
    }
    @media (max-width: 500px) {
        #cookie-bar p {
            margin-bottom: 22px
        }
    }
    @media (min-width: 600px) {
        #cookie-bar p {
            margin-bottom: 16px
        }
    }
    @media (min-width: 700px) {
        #cookie-bar p {
            margin-bottom: 10px
        }
    }
    @media (min-width: 800px) {
        #cookie-bar p {
            margin-bottom: 0
        }
    }
}
```

1.2.4 Archivo global.css

```
img {
    max-width: 100% !important;
    height: auto !important
}

html {
    font-size: 16px;
}

#report, footer > *, nav > * {
    width: 95%;
    margin: 0 auto !important;
}

nav {
    background-color: #5BBD72;
}

.logo {
    font-weight: bold;
}

.ui.menu, .ui.segment {
    border-radius: 0;
}

.ui.segment {
    margin: 0 0;
}

.segment h1 {
    font-size: 2.5em;
    margin-bottom: 1em;
}

.ui.center.aligned.header {
    margin-top: 1em;
}

.ui.table td {
    vertical-align: top;
}

body > div.ui.one.stackable.centered.page.grid > h1, body >
div.ui.one.stackable.centered.grid > h1 {
```



```
margin-top: 1em;
}

body > div.ui.one.stackable.centered.page.grid > div {
margin-bottom: 1em;
}

body > div.ui.page.grid > div > table {
margin-bottom: 2em;
}

.legal {
margin-bottom: 2em;
}

#form {
margin-bottom: 1em;
}

#selectLabel {
color: white;
}

#FileInput {
width: 70%;
}

#submit {
margin-bottom: 1em;
}

#report table tbody tr td:nth-child(1) {
width: 2%;
}

#report table tbody tr td:nth-child(2) {
width: 5%;
font-weight: bold;
}

#report table tbody tr td:nth-child(3) {
width: 10%;
}

#report table tbody tr td:nth-child(4) {
width: 10%;
}

#report table tbody tr td:nth-child(7) {
width: 10%;
}

#report table tbody tr td:nth-child(7) {
width: 10%;
}

#report > div > table:nth-child(n) > tbody > tr.noIssue > td:nth-child(7) > a {
opacity: 0.99;
color: #009fda;
}

footer {
background-color: #1B1C1D;
margin-bottom: -2em;
}

#containerFooter {
padding-bottom: 1.5em;
}

#footerContent > div > div > p, #footerContent > div > div > p {
line-height: 0.5;
}
```

```
.obfuscate {
  unicode-bidi: bidi-override;
  direction: rtl;
}

#noscript-warning {
  background-color: #ae0000;
  color: #fff;
  font-family: "OpenSans-Regular", Helvetica;
  font-size: 120%;
  font-weight: 700;
  left: 0;
  padding: 5px 0;
  position: fixed;
  text-align: center;
  top: 0;
  width: 100%;
  z-index: 101
}

@media (max-width: 960px) {
  #containerFooter > div > div {
    text-align: center !important;
  }
}

@media (max-width: 480px) {
  nav {
    padding-left: 0;
    padding-right: 0;
  }

  .ui.menu .item {
    font-size: 0.9rem;
  }

  #FileInput {
    width: 100%;
  }
}
```

1.2.5 Archivo home.css

```
.mainheader {
  background-image: url(../img/bg.jpg);
  margin: 0;
  padding: 5rem 0;
}

.mainheader .column {
  position: relative;
}

.mainheader .information {
  margin: 8em 2em 1em 1em;
}

.mainheader .image {
  position: absolute;
  margin-top: 8em;
}

.feature.segment {
  margin: 0;
  padding: 6rem 0;
}

.feature.segment p {
  min-height: 50px;
}

.selection.list {
  margin: 0 -0.5em;
}
```

```
.logo.row {
    height: 10rem;
}

#uploadFileForm > div > div.two.fields > div:nth-child(1) {
    padding-right: 20em;
}

#uploadFileForm > div > div.two.fields > div:nth-child(2) {
    line-height: 3em;
}
```

1.2.6 Archivo validate.php

```
<?php
session_start();

function test_input($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}

if (isset($_POST['g-recaptcha-response'])) {
    $captcha = $_POST['g-recaptcha-response'];
    $privatekey = "6Ld42wMTAAAAAJ_scRLcm3BYP5nTOFWcEJktQxX7";
    $url = 'https://www.google.com/recaptcha/api/siteverify';
    $data = array('secret' => $privatekey, 'response' => $captcha, 'remoteip' =>
$_SERVER['REMOTE_ADDR']);

    $curlConfig = array(
        CURLOPT_URL => $url,
        CURLOPT_POST => true,
        CURLOPT_RETURNTRANSFER => true,
        CURLOPT_POSTFIELDS => $data
    );
    $ch = curl_init();
    curl_setopt_array($ch, $curlConfig);
    $response = curl_exec($ch);
    curl_close($ch);
}
$jsonResponse = json_decode($response);

if ($jsonResponse->success == "true") {
    if (isset($_POST['submit'])) {
        $name = test_input($_POST['name']);
        $email = test_input($_POST['email']);
        $subject = test_input($_POST['subject']);
        $message = test_input($_POST['message']);
        $email_from = $name . '<' . $email . '>';
        $message = "
                Nombre: $name
                <br>
                <br>
                Email: $email
                <br>
                <br>
                Mensaje:<br>
                $message
            ";

        require_once('../lib/phpmailer.php');

        $mail = new PHPMailer();
        $mail->IsMail();
        // telling the class to use SMTP
        $mail->Host = "mx1.hostinger.es";
        // SMTP server
        $mail->SMTPDebug = 2;
        // enables SMTP debug information (for testing)
        // 1 = errors and messages
```

```

// 2 = messages only
$mail->SMTPAuth = true;
// enable SMTP authentication
$mail->Host = "mx1.hostinger.es";
// sets the SMTP server
$mail->Port = 2525;
// set the SMTP port for the GMAIL server
$mail->Username = "info@androiduianalyzer.com";
// SMTP account username
$mail->Password = "cF7FGeV930";
// SMTP account password

$address = "info@androiduianalyzer.com";
$mail->AddAddress($address, "");

$mail->SetFrom($email, $email);
$mail->Subject = $subject;
$mail->MsgHTML($message);

if (!$mail->Send()) {
    $_SESSION['email'] = "NO";
} else {
    $_SESSION['email'] = "YES";
}

returnToContact();
}
} else {
    $_SESSION['email'] = "CAPTCHA";
    returnToContact();
}

function returnToContact()
{
    $lang = $_POST['lang'];
    if ($_SESSION['email'] == "YES") {
        $_SESSION['name'] = "";
        $_SESSION['subject'] = "";
        $_SESSION['email_entered'] = "";
        $_SESSION['message'] = "";
    } else {
        $_SESSION['name'] = $_POST['name'];
        $_SESSION['email_entered'] = $_POST['email'];
        $_SESSION['subject'] = $_POST['subject'];
        $_SESSION['message'] = $_POST['message'];
    }

    header("Location: http://www.androiduianalyzer.com/" . $lang . "/contact#submit");
    die();
}

```

1.2.7 Archivo create-pdf.php

```

<?php
$pdf = '<style>h2 {font-size: 0.8em;} th {font-size: 0.65em;} td {font-size: 0.5em;
text-decoration: none;} table {border-top: .2em solid #5bbd72;}</style>';
$pdf .= '<body>';
$pdf .= '<h1 style="text-align: center;">'. $text['REPORT']. ' -
'. $_SESSION['realFileName']. '</h1>';
foreach ($categories as $categoríe) {
    $pdf .= '<h2>'. $categoríe['Name']. '</h2>';
    $pdf .=
'<table><thead><tr><th>'. $text['STATE']. '</th><th>'. $text['NAME']. '</th><th>'. $text['DES
CRIPTION']. '</th><th>'. $text['SOLUTION']. '</th></tr></thead><tbody>';
    foreach ($issues as $issue) {
        if ($issue['Id_Category'] == $categoríe['Id']) {
            if (in_array($issue['Id'], $issuesDetected)) {
                $pdf .= '<tr><td>'. $text['FAIL']. '</td>';
            } else {
                $pdf .= '<tr><td>'. $text['CORRECT']. '</td>';
            }
            $pdf .= "<td>" . $issue['IssueName'] . "</td>";
            $pdf .= "<td>" . $issue['Description'] . "</td>";

```

```
                $pdf .= "<td>" . $issue['Solution'] . "</td></tr>";
            }
        }
        $pdf .= '</tbody></table>';
    }
    $pdf .= '<h5><a style="text-align: center;"
href="http://www.androiduianalyzer.com/">Android UI Analyzer</a></h5></body>';
$_SESSION['pdf'] = $pdf;
```

1.2.8 Archivo create-zip.php

```
<?php
$source = "../demos/";
$destination = "../demos.zip";

if (!extension_loaded('zip') || !file_exists($source)) {
    return false;
}

$zip = new ZipArchive();
if (!$zip->open($destination, ZIPARCHIVE::CREATE)) {
    return false;
}

$source = str_replace('\\', '/', realpath($source));

if (is_dir($source) === true) {
    $files = new RecursiveIteratorIterator(new RecursiveDirectoryIterator($source),
RecursiveIteratorIterator::SELF_FIRST);

    foreach ($files as $file) {
        $file = str_replace('\\', '/', $file);

        // Ignore "." and ".." folders
        if (in_array(substr($file, strrpos($file, '/') + 1), array('.', '..')))
            continue;

        $file = realpath($file);

        if (is_dir($file) === true) {
            $zip->addEmptyDir(str_replace($source . '/', '', $file . '/'));
        } else if (is_file($file) === true) {
            $zip->addFromString(str_replace($source . '/', '', $file),
file_get_contents($file));
        }
    }
} else if (is_file($source) === true) {
    $zip->addFromString(basename($source), file_get_contents($source));
}

$zip->close();

header("Location: http://www.androiduianalyzer.com/demos.zip");
```

1.2.9 Archivo footer.php

```
<footer>
    <div id="containerFooter" class="ui inverted black vertical segment">
        <div class="ui center aligned stackable grid">
            <div class="eight wide left aligned column">
                <h2 class="ui inverted header"><?php echo
$text['FOOTER_TITLE']; ?> &reg;. 2015</h2>
                <p>
                    <?php echo $text['TAG_TITLE']; ?>
                </p>
                <p><?php echo $text['FOOTER_SUBTITLE']; ?> - <?php echo
$text['FOOTER_DESCRIPTION']; ?></p>
```

```

                </div>
                <div class="eight wide right aligned column">
                    <h2 class="ui inverted header"><strong>Android UI
Analyzer</strong></h2>
                    <p>
                        <?php echo $text['FOOTER_SUBDESCRIPTION']; ?>
                    </p>
                    <p>
                        <?php echo $text['FOOTER_DEVELOPED']; ?> <a
class="legalLink" href="https://www.linkedin.com/in/ismaelramossilvan" target="_blank"
rel="nofollow"><u>Ismael Ramos</u></a>
                    </p>
                </div>
            </div>
        </div>
    </footer>

```

1.2.10 Archivo head.php

```

<meta name="google-site-verification"
content="Olu6xUDTbcXYqsEXVCF2UTvr8tAGjorehuA2RvHa0go" />
<meta name="msvalidate.01" content="6CA8CFA56A2A36E952BE122561CA8AA6" />
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta name="author" content="Ismael Ramos Silván">
<meta name="google-site-verification"
content="Olu6xUDTbcXYqsEXVCF2UTvr8tAGjorehuA2RvHa0go" />
<link rel="shortcut icon" href="http://www.androiduianalyzer.com/img/favicon.ico"
type="image/x-icon">
<link rel="icon" href="http://www.androiduianalyzer.com/img/favicon.ico" type="image/x-
icon">
<link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/1.8.1/semantic.min.css"/>
<link rel="stylesheet" type="text/css"
href="http://www.androiduianalyzer.com/css/global.css"/>
<link rel="stylesheet" type="text/css"
href="http://www.androiduianalyzer.com/css/cookiesbar.css"/>

```

1.2.11 Archivo menu.php

```

<nav>
    <div class="ui green inverted menu">
        <?php if ($activeMenu == "home") { ?>
            <span class="active item logo"> Android UI Analyzer </span>
        <?php } else { ?>
            <a class="item logo" href="/<?= $lang ?>/home" rel="me"> Android UI Analyzer
        </a>
        <?php }
        if ($activeMenu == "contact") { ?>
            <span class="active item"> <i class="envelope icon"></i> <?php echo
$text['MENU_CONTACT']; ?> </span>
        <?php } else { ?>
            <a class="item" href="/<?= $lang ?>/contact"> <i
class="envelope icon"></i> <?php echo $text['MENU_CONTACT']; ?> </a>
        <?php } ?>
        <div class="right menu">
            <div class="ui dropdown item">
                <i class="world icon"></i>
                <?php echo $text['LANGUAGE']; ?>
                <i class="dropdown icon"></i>

                <div class="menu">
                    <?php
                    if ($lang != "es") { ?>
                        <a class="item" href="/es/<?= $activeMenu ?>"><i class="spain
flag"></i>Español (es-ES)</a>
                    <?php }
                    if ($lang != "en") { ?>
                        <a class="item" href="/en/<?= $activeMenu ?>"><i class="united
kingdom flag"></i>English (en-GB)</a>
                    <?php }
                </div>
            </div>
        </div>
    </div>

```

```
        <?php } ?>
    </div>
</div>
</div>
</div>
</nav>
```

1.2.12 Archivo scripts.php

```
<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js"></script>
<script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/semantic-
ui/1.8.1/semantic.min.js"
defer></script>
<script type="text/javascript"
src="http://www.androiduianalyzer.com/js/cookiesbar.min.js"></script>
<script type="text/javascript"
src="http://www.androiduianalyzer.com/js/nanobar.min.js"></script>
<script type="text/javascript">
    var options = {
        bg: '#397DB8'
    };
    nanobar = new Nanobar(options);
    nanobar.go(20);
    $(document).ready(function () {
        $.cookieBar({
            message: 'Este sitio web usa cookies (Google Analytics) para mejorar tu
experiencia de navegación.',
            acceptButton: true,
            acceptText: 'Acepto',
            declineButton: true,
            declineText: 'Deshabilitar cookies',
            policyButton: true,
            policyText: 'Política de privacidad',
            policyURL: 'politicaprivacidad',
            autoEnable: true,
            acceptOnContinue: false,
            expireDays: 365,
            bottom: true,
            effect: 'slide'
        });
        nanobar.go(50);

        $(''.ui.dropdown').dropdown();
        nanobar.go(80);

        $('#bar').progress();
        nanobar.go(98);
    });

    jQuery(window).load(function () {
        nanobar.go(100);
    });
</script>
<script>
    if(jQuery.cookieBar('cookies')){
        (function (i, s, o, g, r, a, m) {
            i['GoogleAnalyticsObject'] = r;
            i[r] = i[r] || function () {
                (i[r].q = i[r].q || []).push(arguments)
            }, i[r].l = 1 * new Date();
            a = s.createElement(o),
            m = s.getElementsByTagName(o)[0];
            a.async = 1;
            a.src = g;
            m.parentNode.insertBefore(a, m)
        })(window, document, 'script', '//www.google-analytics.com/analytics.js', 'ga');

        ga('create', 'UA-54773977-3', 'auto');
        ga('send', 'pageview');
    }
</script>
</noscript>
```

```
<div id="noscript-warning">
    ¡Esta página funciona correctamente con Javascript activado!
</div>
</noscript>
```

1.2.13 Archivo upload-file.php

```
<?php
header("Cache-Control: no-store, no-cache, must-revalidate, max-age=0");
header("Cache-Control: post-check=0, pre-check=0", false);
header("Pragma: no-cache");

session_start();

if ((isset($_FILES["FileInput"]) && $_FILES["FileInput"]["error"] == UPLOAD_ERR_OK) {
    $UploadDirectory = '../uploads/';

    if ((!isset($_SERVER['HTTP_X_REQUESTED_WITH']) || $_FILES["FileInput"]["size"] >
5242880)) {
        die();
    }

    switch (strtolower($_FILES['FileInput']['type'])) {
        case 'text/xml' :
            break;
        default :
            die();
    }

    $File_Name = $_FILES['FileInput']['name'];
    $File_Ext = substr($File_Name, strrpos($File_Name, '.'));
    $Random_Number = rand(0, 999999999);
    $NewFileName = $Random_Number . "_" . $File_Name;

    if (move_uploaded_file($_FILES['FileInput']['tmp_name'], $UploadDirectory .
$NewFileName)) {
        $_SESSION['fileName'] = $NewFileName;
        $_SESSION['realFileName'] = $File_Name;
    }

    die();
} else {
    die();
}
```

1.2.14 Clase Utils.php

```
<?php
class utils
{
    public static function endsWith($haystack, $needle)
    {
        $length = strlen($needle);
        if ($length == 0) {
            return true;
        }

        return (substr($haystack, -$length) === $needle);
    }

    public static function startsWith($haystack, $needle)
    {
        $length = strlen($needle);
        return (substr($haystack, 0, $length) === $needle);
    }

    public static function isMenu($xml)
```



```

{
    if ($xml->getName() == "menu")
        return true;
    return false;
}
}

```

1.2.15 Archivo en.php

```

<?php
$text = array();

$text['TAG_TITLE'] = 'Android User Interfaces Analyzer - Online Free Tool';
$text['TAG_DESCRIPTION'] = 'Tool for analyzing user interfaces of Android applications';
$text['TAG_KEYWORDS'] = 'Android, UI, Analyzer, usuario, interfaces';
$text['CONTACT_TAG_TITLE'] = 'Android User Interfaces Analyzer - Contact';
$text['CONTACT_TAG_DESCRIPTION'] = 'Contact us for any questions or to propose new ideas';
$text['CONTACT_TAG_KEYWORDS'] = 'Android, UI, Analyzer, user, interfaces, contact';
$text['REPORT_TAG_TITLE'] = 'Android User Interfaces Analyzer - Report';
$text['REPORT_TAG_DESCRIPTION'] = 'Report generated by Android User Interfaces Analyzer';
$text['REPORT_TAG_KEYWORDS'] = 'Android, UI, Analyzer, user, interfaces, report';

$text['MENU_HOME'] = 'Home';
$text['MENU_FUNCTIONALITIES'] = 'How it works';
$text['MENU_TECHNOLOGIES'] = 'Technologies';
$text['MENU_CONTACT'] = 'Contact';
$text['LANGUAGE'] = 'Language';

$text['MAIN_HEADER_TITLE'] = 'Analytics Tool For <strong>Android Interfaces</strong>';
$text['MAIN_HEADER_DESCRIPTION'] = 'With this tool you can <strong>analyze</strong> the accessibility and usability of any <strong>interface on Android</strong>';
$text['ANALYZING'] = 'Analyzing file';
$text['ANALYZE'] = 'Analyze XML File';
$text['MASTER_TITLE'] = 'MWE';
$text['MASTER_DESCRIPTION'] = 'This <strong>tool</strong> is developed as a final dissertation work for the University of Oviedo, specifically for the Master of Web Engineering';
$text['CODE_TITLE'] = 'Code';
$text['CODE_DESCRIPTION'] = 'With this <strong>tool</strong>, you can <strong>analyze any Android user interface</strong> and be sure to meet the <a href="https://developer.android.com/training/best-ui.html" target="_blank">good practices</a> that Google recommends';

$text['CONTACT_TITLE'] = 'Contact with us';
$text['CONTACT_DESCRIPTION'] = 'If you have any questions or want to suggest any ideas you can contact via the form below.';
$text['PERSONAL_INFORMATION'] = 'Personal information';
$text['FULL_NAME'] = 'Full name';
$text['VALID_EMAIL'] = 'Valid email';
$text['CONTACT_US'] = 'Ask us anything you want';
$text['SUBJECT'] = 'Subject';
$text['SUBJECT_DESCRIPTION'] = 'Subject you want to deal';
$text['MESSAGE'] = 'Message';
$text['MESSAGE_DESCRIPTION'] = 'Write whatever you want. You can even give your opinions!';
$text['CAPTCHA'] = 'Complete the captcha';
$text['ACCEPT_TERMS'] = 'I have read and agree to <strong><a href="/" . $lang . '/terms' target="_blank">the Terms</a></strong> and <strong><a href="/" . $lang . '/privacy-policy' target="_blank">Conditions</a></strong>';
$text['SEND'] = 'Send';
$text['MESSAGE_SENT'] = 'Message sent successfully';

$text['REPORT_TITLE'] = 'Reports';
$text['REPORT_DESCRIPTION'] = 'Prepares a report with areas for improvement of the <strong>interfaces</strong> that you are designing. This <strong>tool</strong> is intended for <strong>Android developers</strong>.';
$text['DOWNLOAD_DEMOS'] = 'Download demos';

$text['REPORT'] = 'Report';
$text['STATE'] = 'State';
$text['ELEMENTS_AFFECTED'] = 'Elements affected';

```

```

$text['CORRECT'] = 'Correct';
$text['FAIL'] = 'Fail';
$text['WARNING'] = 'Warning';
$text['CATEGORY'] = 'Category';
$text['NAME'] = 'Name';
$text['DESCRIPTION'] = 'Description';
$text['SOLUTION'] = 'Solution';
$text['ISSUES_REPORT'] = 'Issues Report';
$text['SHOW_ALL'] = 'Show all';
$text['CREATE_PDF'] = 'Create PDF';
$text['MORE_INFO'] = 'Know more';
$text['UPLOAD_AGAIN'] = 'Analyze again';
$text['NONE'] = "None";
$text['PROGRESS1'] = "You have a lot ahead, get to it!";
$text['PROGRESS2'] = "Keep working!";
$text['PROGRESS3'] = "You are doing good!";
$text['PROGRESS4'] = "A little more!";
$text['PROGRESS5'] = "Perfect, now you should review the complete guide!";
$text['SCORE'] = "Score";
$text['ONLY_ISSUES'] = "Show only issues";

$text['TERMS_TAG_TITLE'] = 'Android User Interfaces Analyzer - Terms';
$text['TERMS_TAG_DESCRIPTION'] = 'This are the terms to use Android UI Analyzer services';
$text['TERMS_TAG_KEYWORDS'] = 'Android, UI, Analyzer, terms, legal';

$text['PRIVACY_TAG_TITLE'] = 'Android User Interfaces Analyzer - Privacy policy';
$text['PRIVACY_TAG_DESCRIPTION'] = 'This is the privacy policy to use Android UI Analyzer services';
$text['PRIVACY_TAG_KEYWORDS'] = 'Android, UI, Analyzer, policy, privacy';

$text['FOOTER_TITLE'] = 'All rights reserved';
$text['FOOTER_SUBTITLE'] = '<strong><a href="/" . $lang . '/terms' target="_blank">Legal terms</a></strong>';
$text['FOOTER_DESCRIPTION'] = '<strong><a href="/" . $lang . '/privacy-policy' target="_blank">Privacy policy</a></strong>';
$text['FOOTER_SUBDESCRIPTION'] = "Master's Thesis";
$text['FOOTER_DEVELOPED'] = 'Developed by';

$text['ERROR_404'] = 'Sorry, the requested page does not exist or is not available right now. Sorry for the inconvenience.';
$text['ERROR_500'] = 'Sorry, the server is not responding or is there some kind of error. Sorry for the inconvenience.';
$text['ERROR_FORMAT'] = 'You must select a file in XML format!';
$text['ERROR_TOO_BIG'] = 'The file is too large. Only files up to 5MB allowed';
$text['ERROR_UPDATE_BROWSER'] = 'Please update your browser. You need to use this site!';
$text['MESSAGE_ERROR'] = 'A problem has occurred. Please try again later!';
$text['CAPTCHA_ERROR'] = 'Error in the Captcha. Please try again!';
$text['EMAIL_ERROR'] = 'Email not valid!';

```

1.2.16 Archivo es.php

```

<?php
$text = array();

$text['TAG_TITLE'] = 'Android User Interfaces Analyzer - Herramienta gratuita';
$text['TAG_DESCRIPTION'] = 'Herramienta para analizar interfaces de usuario de aplicaciones Android';
$text['TAG_KEYWORDS'] = 'Android, UI, Analyzer, user, interfaces';
$text['CONTACT_TAG_TITLE'] = 'Android User Interfaces Analyzer - Contacto';
$text['CONTACT_TAG_DESCRIPTION'] = 'Contacta con nosotros para consultar cualquier duda o proponer nuevas ideas';
$text['CONTACT_TAG_KEYWORDS'] = 'Android, UI, Analyzer, user, interfaces, contacto';
$text['REPORT_TAG_TITLE'] = 'Android User Interfaces Analyzer - Informe';
$text['REPORT_TAG_DESCRIPTION'] = 'Informe generado por la herramienta Android User Interfaces Analyzer';
$text['REPORT_TAG_KEYWORDS'] = 'Android, UI, Analyzer, user, interfaces, informe';

$text['MENU_HOME'] = 'Inicio';
$text['MENU_FUNCTIONALITIES'] = '¿Cómo funciona?';
$text['MENU_TECHNOLOGIES'] = 'Tecnologías';
$text['MENU_CONTACT'] = 'Contacto';

```

```

$text['LANGUAGE'] = 'Idioma';

$text['MAIN_HEADER_TITLE'] = 'Herramienta de análisis de <strong>Interfaces de Usuario
Android</strong>';
$text['MAIN_HEADER_DESCRIPTION'] = 'Con esta herramienta podrás
<strong>analizar</strong> la accesibilidad y usabilidad de cualquier <strong>interfaz en
Android</strong>';
$text['ANALYZING'] = 'Analizando fichero';
$text['ANALYZE'] = 'Analizar Fichero XML';
$text['MASTER_TITLE'] = 'MIW';
$text['MASTER_DESCRIPTION'] = 'Esta herramienta está desarrollada como trabajo fin de
máster para la Universidad de Oviedo, más concretamente para el Máster de Ingeniería
Web';
$text['CODE_TITLE'] = 'Código';
$text['CODE_DESCRIPTION'] = 'Con esta herramienta, podrás analizar cualquier
<strong>interfaz de usuario en Android</strong> y, asegurarte de cumplir las <a
href="https://developer.android.com/training/best-ui.html" target="_blank">buenas
prácticas</a> que Google recomienda';

$text['CONTACT_TITLE'] = 'Contacta con nosotros';
$text['CONTACT_DESCRIPTION'] = 'Si tienes alguna duda o quieres proponer alguna idea
puedes contactar a través del siguiente formulario.';
$text['PERSONAL_INFORMATION'] = 'Datos personales';
$text['FULL_NAME'] = 'Nombre completo';
$text['VALID_EMAIL'] = 'Email válido';
$text['CONTACT_US'] = 'Consúltanos lo que quieras';
$text['SUBJECT'] = 'Asunto';
$text['SUBJECT_DESCRIPTION'] = 'Asunto que quieras tratar';
$text['MESSAGE'] = 'Mensaje';
$text['MESSAGE_DESCRIPTION'] = 'Escribe lo que quieras. Puedes incluso darnos tus
opiniones!';
$text['CAPTCHA'] = 'Completa el captcha';
$text['ACCEPT_TERMS'] = 'Acepto los términos y condiciones del <strong><a href="/" .
$lang . '/terms" target="_blank">Aviso legal</a></strong> y la <strong><a href="/" .
$lang . '/privacy-policy" target="_blank">Política de privacidad</a></strong>';
$text['SEND'] = 'Enviar';
$text['MESSAGE_SENT'] = 'Mensaje enviado correctamente';

$text['REPORT_TITLE'] = 'Informes';
$text['REPORT_DESCRIPTION'] = 'Elabora un informe con los aspectos a mejorar de las
<strong>interfases</strong> que estás diseñando. Esta <strong>herramienta</strong> está
dirigida a desarrolladores <strong>Android</strong>.';
$text['DOWNLOAD_DEMOS'] = 'Descargar demos';

$text['REPORT'] = 'Informe';
$text['STATE'] = 'Estado';
$text['ELEMENTS_AFFECTED'] = 'Elementos afectados';
$text['CORRECT'] = 'Correcto';
$text['FAIL'] = 'Fallo';
$text['WARNING'] = 'Advertencia';
$text['CATEGORY'] = 'Categoría';
$text['NAME'] = 'Nombre';
$text['DESCRIPTION'] = 'Descripción';
$text['SOLUTION'] = 'Solución';
$text['ISSUES_REPORT'] = 'Informe de fallos';
$text['SHOW_ALL'] = 'Mostrar todos';
$text['CREATE_PDF'] = 'Crear PDF';
$text['MORE_INFO'] = 'Saber más';
$text['UPLOAD_AGAIN'] = 'Analizar de nuevo';
$text['NONE'] = "Ninguno";
$text['PROGRESS1'] = "Tienes mucho por delante, ponte a ello!";
$text['PROGRESS2'] = "Sigue trabajando!";
$text['PROGRESS3'] = "Vas bien!";
$text['PROGRESS4'] = "Ya queda poco!";
$text['PROGRESS5'] = "Perfecto, repasa las buenas prácticas de Google!";
$text['SCORE'] = "Puntuación";
$text['ONLY_ISSUES'] = "Ver solo fallos";

$text['TERMS_TAG_TITLE'] = 'Android User Interfaces Analyzer - Aviso legal';
$text['TERMS_TAG_DESCRIPTION'] = 'Estos son los avisos legales para usar los servicios
de Android UI Analyzer';
$text['TERMS_TAG_KEYWORDS'] = 'Android, UI, Analyzer, aviso, legal';

$text['PRIVACY_TAG_TITLE'] = 'Android User Interfaces Analyzer - Política de
privacidad';

```

```
$text['PRIVACY_TAG_DESCRIPTION'] = 'Esta es la política de privacidad para usar los servicios de Android UI Analyzer';
$text['PRIVACY_TAG_KEYWORDS'] = 'Android, UI, Analyzer, politica, privacidad';

$text['FOOTER_TITLE'] = 'Todos los derechos reservados';
$text['FOOTER_SUBTITLE'] = '<strong><a href="/" . $lang . '/terms" target="_blank">Aviso legal</a></strong>';
$text['FOOTER_DESCRIPTION'] = '<strong><a href="/" . $lang . '/privacy-policy" target="_blank">Política de privacidad</a></strong>';
$text['FOOTER_SUBDESCRIPTION'] = "Proyecto Fin Máster";
$text['FOOTER_DEVELOPED'] = 'Desarrollado por';

$text['ERROR_404'] = 'Lo sentimos, la página solicitada no existe o no está disponible en estos momentos. Disculpa las molestias.';
$text['ERROR_500'] = 'Lo sentimos, el servidor no responde o existe algún tipo de error. Disculpa las molestias.';
$text['ERROR_FORMAT'] = '¡Debes seleccionar un fichero con formato XML!';
$text['ERROR_TOO_BIG'] = 'El fichero es demasiado grande. Solo se permiten ficheros de hasta 5MB';
$text['ERROR_UPDATE_BROWSER'] = 'Por favor, actualiza tu navegador. Es necesario para poder usar esta página!';
$text['MESSAGE_ERROR'] = 'Ha ocurrido un problema. Vuelve a intentarlo más tarde!';
$text['CAPTCHA_ERROR'] = 'Error en el Captcha. Vuelve a intentarlo!';
$text['EMAIL_ERROR'] = 'Email no válido!';
```

1.2.17 Archivo language.php

```
<?php
session_start();

$lang;

if (isset($_GET['lang'])) {
    $lang = $_GET['lang'];
} else {
    $lang = substr($_SERVER['HTTP_ACCEPT_LANGUAGE'], 0, 2);
}

switch ($lang) {
    case "es" :
        include ("locale/es.php");
        break;
    default :
        include ("locale/en.php");
}

$_SESSION['lang'] = $lang;
```

1.2.18 Clase Report.php

```
<?php

class Report
{
    private $db;

    public function __construct()
    {
        try {
            $this->db = new PDO('mysql:host=mysql.hostinger.es;dbname=u817613998_aua',
            'u817613998_isma', 'cF7FGeV930');
        } catch (PDOException $e) {
            $this->db = null;
            die();
        }
    }

    public function loadAllCategories($lang)
    {
```

```

        return $this->executeQuery('
            SELECT categories.Id, categories.Name, categories.Order
            FROM categories
            JOIN languages
            ON categories.Id_Language = languages.Id
            WHERE languages.Name="' . $lang . '"
            ORDER BY categories.Order
        ');
    }

    public function loadIssues($lang)
    {
        return $this->executeQuery('
            SELECT categories.Id as CategoryId, categories.Name as CategoryName,
            issues.Id_Category, issues.Id, issues.Name as IssueName, Description, Solution,
            User_Review, More_Info_URL as MoreInfo
            FROM issues
            JOIN languages
            ON issues.Id_Language = languages.Id
            JOIN categories
            ON issues.Id_Category = categories.Id AND
            categories.Id_Language=issues.Id_Language
            WHERE languages.Name="' . $lang . '"
            ORDER BY issues.Id
        ');
    }

    public function loadFormatCategorie($lang)
    {
        return $this->executeQuery('
            SELECT categories.Id, categories.Name
            FROM categories
            JOIN languages
            ON categories.Id_Language = languages.Id
            WHERE languages.Name="' . $lang . '" AND categories.Id=1
        ');
    }
}

private function executeQuery($query)
{
    if ($this->db != null) {
        $stmt = $this->db->prepare($query);
        $stmt->execute();
        return $stmt->fetchAll(PDO::FETCH_ASSOC);
    }
    return null;
}
}

```

1.2.19 Archivo create.php

```

<?php
require_once('../lib/tcpdf/tcpdf.php');

session_start();

$pdf = new TCPDF(PDF_PAGE_ORIENTATION, PDF_UNIT, PDF_PAGE_FORMAT, true, 'UTF-8', false);

// add a page
$pdf->AddPage();

$html = "<h1>".$_SESSION['pdf']. "</h1>";

$pdf->SetAutoPageBreak(TRUE, 0);
$pdf->setPrintFooter(false);

$pdf->writeHTML($html, true, false, true, false, '');

$name = $_SESSION['realFileName'];
$nameWithoutExt = preg_replace('/\\.[^\\.\\s]{3,4}$/', '', $name);

$pdf->Output($nameWithoutExt.'.pdf', 'I')

```

;

1.2.20 Archivo ReportView.php

```

<?php
class ReportView
{
    private $lang;
    private $text;
    private $categories;
    private $issuesDetected;
    private $issues;
    private $allElementsAffected;

    public function __construct($lang, $text, $categories, $issuesDetected, $issues,
    $allElementsAffected)
    {
        $this->lang = $lang;
        $this->text = $text;
        $this->categories = $categories;
        $this->issuesDetected = $issuesDetected;
        $this->issues = $issues;
        $this->allElementsAffected = $allElementsAffected;
    }

    public function output()
    {
        $html = '
            <form action="http://www.androiduianalyzer.com/pdf/create" method="post"
class="form-style" id="form"
                target="_blank">
                <input class="ui red submit button right floated" id="submit"
name="submit" type="submit"
                    value="' . $this->text['CREATE_PDF'] . '">
            </form>';

        $html .= '
            <a id="showIssuesOnly" class="ui red submit button left floated"
href="javascript:showIssuesOnly()"> <i
                class="hide icon"></i> ' . $this->text['ONLY_ISSUES'] . '</a>

            <a id="showAllTopics" class="ui purple submit button left floated"
href="javascript:showAllTopics()"> <i
                class="unhide icon"></i> ' . $this->text['SHOW_ALL'] . '</a>

            <a class="ui green submit button right floated" href="/" . $this->lang .
'/home" rel="me"> <i
                class="repeat icon"></i> ' . $this->text['UPLOAD_AGAIN'] . '</a>
            <br>';

        foreach ($this->categories as $categoríe) {
            $html .= '
                <h2>' . $categoríe['Name'] . '</h2>
                <table class="ui green table" cellpadding="0" cellspacing="0">
                <thead>
                <tr>
                <th></th>
                <th>' . $this->text['STATE'] . '</th>
                <th>' . $this->text['ELEMENTS_AFFECTED'] . '</th>
                <th>' . $this->text['NAME'] . '</th>
                <th>' . $this->text['DESCRIPTION'] . '</th>
                <th>' . $this->text['SOLUTION'] . '</th>
                <th></th>
                </tr>
                </thead>
                <tbody>';

            foreach ($this->issues as $issue) {
                if ($issue['Id_Category'] == $categoríe['Id']) {
                    if (in_array($issue['Id'], $this->issuesDetected) &&
!$issue['User_Review']) {
                        $html .= '

```

```

                <tr class="issue">
                <td><i class="remove red icon"></i></td>
                <td class="customerIDCell">' . $this->text['FAIL'] .
'</td>';
                ) else if (in_array($issue['Id'], $this->issuesDetected) &&
$issue['User_Review']) {
                $html .= '
                <tr class="issue">
                <td><i class="warning sign yellow icon"></i></td>
                <td class="customerIDCell">' . $this-
>text['WARNING'] . '</td>';
                } else {
                $html .= '
                <tr class="noIssue">
                <td><i class="checkmark box green icon"></i></td>
                <td class="customerIDCell">' . $this-
>text['CORRECT'] . '</td>';
                }

                $elements = "";
                foreach ($this->allElementsAffected as $idIssue =>
$elementsAffectedByIssue) {
                if ($issue['Id'] == $idIssue) {
                foreach ($elementsAffectedByIssue as $nameIdElement) {
                $elements .= $nameIdElement['Name'] . ' (id:' .
$nameIdElement['Id'] . '), ';
                }
                $elements = rtrim($elements, ', ');
                }
                }
                if ($elements == "")
                $elements = $this->text['NONE'];
                $html .= '
                <td>' . $elements . '</td>
                <td>' . $issue['IssueName'] . '</td>
                <td>' . $issue['Description'] . '</td>
                <td>' . $issue['Solution'] . '</td>
                <td><a rel="nofollow" target="_blank" href="' .
$issue['MoreInfo'] . '"><i class="code icon"></i>' . $this->text['MORE_INFO'] .
'</a></td>
                </tr>';
                }
                }
                $html .= '
                </tbody>
                </table>';
                }

                $pdf = '<style>h2 {font-size: 0.8em;} th {font-size: 0.65em;} td {font-size:
0.5em; text-decoration: none;} table {border-top: .2em solid #5bbd72;}</style>';
                $pdf .= '<body>';
                $pdf .= '<h1 style="text-align: center;">' . $this->text['REPORT'] . ' - ' .
$_SESSION['realFileName'] . '</h1>';
                foreach ($this->categories as $categoríe) {
                $pdf .= '<h2>' . $categoríe['Name'] . '</h2>';
                $pdf .= '<table><thead><tr><th>' . $this->text['STATE'] . '</th><th>' .
$this->text['NAME'] . '</th><th>' . $this->text['DESCRIPTION'] . '</th><th>' . $this-
>text['SOLUTION'] . '</th></tr></thead><tbody>';
                foreach ($this->issues as $issue) {
                if ($issue['Id_Category'] == $categoríe['Id']) {
                if (in_array($issue['Id'], $this->issuesDetected)) {
                $pdf .= '<tr><td>' . $this->text['FAIL'] . '</td>';
                } else {
                $pdf .= '<tr><td>' . $this->text['CORRECT'] . '</td>';
                }
                $pdf .= "<td>" . $issue['IssueName'] . "</td>";
                $pdf .= "<td>" . $issue['Description'] . "</td>";
                $pdf .= "<td>" . $issue['Solution'] . "</td></tr>";
                }
                }
                $pdf .= '</tbody></table>';
                }
                $pdf .= '<h5><a style="text-align: center;"
href="http://www.androiduianalyzer.com/">Android UI Analyzer</a><h5></body>';

```

```

        $_SESSION['pdf'] = $pdf;

        $correctIssues = count($this->issues) - count(array_count_values($this->issuesDetected));
        if (count($this->categories) > 1) {
            $html .= '
            <div class="ui indicating progress" data-value="' . $correctIssues .
            "'
            data-total="' . count($this->issues) . '" id="bar">
            <div class="bar">
            <div class="progress"></div>
            </div>
            <div class="label">';

            $percentage = $correctIssues * 100 / count($this->issues);
            if ($percentage < 30)
                $html .= $this->text['PROGRESS1'];
            else if ($percentage >= 30 && $percentage < 50)
                $html .= $this->text['PROGRESS2'];
            else if ($percentage >= 50 && $percentage < 75)
                $html .= $this->text['PROGRESS3'];
            else if ($percentage >= 75 && $percentage < 100)
                $html .= $this->text['PROGRESS4'];
            else if ($percentage == 100)
                $html .= $this->text['PROGRESS5'];
            else
                $html .= $this->text['SCORE'];
            $html .= '</div>
            </div>';
        }

        return $html;
    }
}

```

1.2.21 Archivo .htaccess

```

DirectoryIndex home.php

Options All -Indexes -MultiViews
RewriteEngine on
RewriteBase /

#Redirect non-www/www
RewriteCond %{HTTP_HOST} !^www\. [NC]
RewriteRule ^(.*)$ http://www.%{HTTP_HOST}/$1 [R=301,L]

#Redirect /example?lang=language to /language/example
RewriteCond %{THE_REQUEST} /+([^\?]+)?(?:\.php)?\?lang=([^\s&]+) [NC]
RewriteRule ^/%2/%1? [R=301,L,NE]

#Remove extensions
RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_FILENAME}.php -f
RewriteRule ^(.+)?/?$ $1.php [L]

RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_FILENAME}.html -f
RewriteRule ^(.+)?/?$ $1.html [L]

#Redirect /language/example to /example?lang=language
RewriteCond %{REQUEST_FILENAME} -f [OR]
RewriteCond %{REQUEST_FILENAME} -d
RewriteRule . - [L]

RewriteRule ^([^\/]+)/([^\/]+) $2?lang=$1 [L,QSA]

#Disable Etags
Header unset ETag
FileETag None

#Prevent viewing of .htaccess
<Files ~ "\..*\."([Hh][Tt][Aa])">

```



```
order allow,deny
deny from all
</Files>

#Errors handling
ErrorDocument 404 http://www.androiduianalyzer.com/404
ErrorDocument 500 http://www.androiduianalyzer.com/500

#Block libwww-perl
SetEnvIfNoCase User-Agent "^libwww-perl*" block_bad_bots
Deny from env=block_bad_bots

#No MIME fonts instead of these ones
AddType application/vnd.ms-fontobject .eot
AddType font/ttf .ttf
AddType font/otf .otf
AddType application/x-font-woff .woff

#Email as default
ServerSignature EMail
SetEnv SERVER_ADMIN ismaelramossilvan9@gmail.com

#Header Cache
<FilesMatch "\.(ico|pdf|flv|jpg|jpeg|png|gif|js|css|swf)$">
Header set Cache-Control "max-age=290304000, public"
</FilesMatch>

<FilesMatch "\.(xml|txt)$">
Header set Cache-Control "max-age=172800, public, must-revalidate"
</FilesMatch>

<FilesMatch "\.(html|htm)$">
Header set Cache-Control "max-age=7200, must-revalidate"
</FilesMatch>

#Enable navigator cache
<IfModule mod_expires.c>
    ExpiresActive On
    ExpiresDefault "access plus 10 days"
    ExpiresByType text/css "access plus 1 week"
    ExpiresByType text/plain "access plus 1 month"
    ExpiresByType image/gif "access plus 1 month"
    ExpiresByType image/png "access plus 1 month"
    ExpiresByType image/jpeg "access plus 1 month"
    ExpiresByType application/x-javascript "access plus 1 month"
    ExpiresByType application/javascript "access plus 1 week"
    ExpiresByType application/x-icon "access plus 1 year"
</IfModule>

#Enable compression
<IfModule mod_deflate.c>
    <FilesMatch "\.(html|txt|css|js|php|pl)$">
        SetOutputFilter DEFLATE
    </FilesMatch>
</IfModule>

<ifModule mod_gzip.c>
    mod_gzip_on Yes
    mod_gzip_dechunk Yes
    mod_gzip_item_include file \.(html?|txt|css|js|php|pl)$
    mod_gzip_item_include handler ^cgi-script$
    mod_gzip_item_include mime ^text/*
    mod_gzip_item_include mime ^application/x-javascript.*
    mod_gzip_item_exclude mime ^image/*
    mod_gzip_item_exclude rspheader ^Content-Encoding:.*gzip.*
</ifModule>

#Block bad bots
RewriteEngine On
RewriteCond %{HTTP_USER_AGENT} ^BlackWidow [OR]
RewriteCond %{HTTP_USER_AGENT} ^Bot\ mailto:crafterbot@yahoo.com [OR]
RewriteCond %{HTTP_USER_AGENT} ^ChinaClaw [OR]
RewriteCond %{HTTP_USER_AGENT} ^Custo [OR]
RewriteCond %{HTTP_USER_AGENT} ^DISCo [OR]
```

```

RewriteCond %{HTTP_USER_AGENT} ^Download\ Demon [OR]
RewriteCond %{HTTP_USER_AGENT} ^eCatch [OR]
RewriteCond %{HTTP_USER_AGENT} ^EirGrabber [OR]
RewriteCond %{HTTP_USER_AGENT} ^EmailSiphon [OR]
RewriteCond %{HTTP_USER_AGENT} ^EmailWolf [OR]
RewriteCond %{HTTP_USER_AGENT} ^Express\ WebPictures [OR]
RewriteCond %{HTTP_USER_AGENT} ^ExtractorPro [OR]
RewriteCond %{HTTP_USER_AGENT} ^EyeNetIE [OR]
RewriteCond %{HTTP_USER_AGENT} ^FlashGet [OR]
RewriteCond %{HTTP_USER_AGENT} ^GetRight [OR]
RewriteCond %{HTTP_USER_AGENT} ^GetWeb! [OR]
RewriteCond %{HTTP_USER_AGENT} ^Go!Zilla [OR]
RewriteCond %{HTTP_USER_AGENT} ^Go-Ahead-Got-It [OR]
RewriteCond %{HTTP_USER_AGENT} ^GrabNet [OR]
RewriteCond %{HTTP_USER_AGENT} ^Grafula [OR]
RewriteCond %{HTTP_USER_AGENT} ^HMView [OR]
RewriteCond %{HTTP_USER_AGENT} HTTrack [NC,OR]
RewriteCond %{HTTP_USER_AGENT} ^Image\ Stripper [OR]
RewriteCond %{HTTP_USER_AGENT} ^Image\ Sucker [OR]
RewriteCond %{HTTP_USER_AGENT} Indy\ Library [NC,OR]
RewriteCond %{HTTP_USER_AGENT} ^InterGET [OR]
RewriteCond %{HTTP_USER_AGENT} ^Internet\ Ninja [OR]
RewriteCond %{HTTP_USER_AGENT} ^JetCar [OR]
RewriteCond %{HTTP_USER_AGENT} ^JOC\ Web\ Spider [OR]
RewriteCond %{HTTP_USER_AGENT} ^larbin [OR]
RewriteCond %{HTTP_USER_AGENT} ^LeechFTP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Mass\ Downloader [OR]
RewriteCond %{HTTP_USER_AGENT} ^MIDown\ tool [OR]
RewriteCond %{HTTP_USER_AGENT} ^Mister\ PiX [OR]
RewriteCond %{HTTP_USER_AGENT} ^Navroad [OR]
RewriteCond %{HTTP_USER_AGENT} ^NearSite [OR]
RewriteCond %{HTTP_USER_AGENT} ^NetAnts [OR]
RewriteCond %{HTTP_USER_AGENT} ^NetSpider [OR]
RewriteCond %{HTTP_USER_AGENT} ^Net\ Vampire [OR]
RewriteCond %{HTTP_USER_AGENT} ^NetZIP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Octopus [OR]
RewriteCond %{HTTP_USER_AGENT} ^Offline\ Explorer [OR]
RewriteCond %{HTTP_USER_AGENT} ^Offline\ Navigator [OR]
RewriteCond %{HTTP_USER_AGENT} ^PageGrabber [OR]
RewriteCond %{HTTP_USER_AGENT} ^Papa\ Foto [OR]
RewriteCond %{HTTP_USER_AGENT} ^pavuk [OR]
RewriteCond %{HTTP_USER_AGENT} ^pcBrowser [OR]
RewriteCond %{HTTP_USER_AGENT} ^RealDownload [OR]
RewriteCond %{HTTP_USER_AGENT} ^ReGet [OR]
RewriteCond %{HTTP_USER_AGENT} ^SiteSnagger [OR]
RewriteCond %{HTTP_USER_AGENT} ^SmartDownload [OR]
RewriteCond %{HTTP_USER_AGENT} ^SuperBot [OR]
RewriteCond %{HTTP_USER_AGENT} ^SuperHTTP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Surfbot [OR]
RewriteCond %{HTTP_USER_AGENT} ^tAkeOut [OR]
RewriteCond %{HTTP_USER_AGENT} ^Teleport\ Pro [OR]
RewriteCond %{HTTP_USER_AGENT} ^VoidEYE [OR]
RewriteCond %{HTTP_USER_AGENT} ^Web\ Image\ Collector [OR]
RewriteCond %{HTTP_USER_AGENT} ^Web\ Sucker [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebAuto [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebCopier [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebFetch [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebGo\ IS [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebLeacher [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebReaper [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebSauger [OR]
RewriteCond %{HTTP_USER_AGENT} ^Website\ eXtractor [OR]
RewriteCond %{HTTP_USER_AGENT} ^Website\ Quester [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebStripper [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebWhacker [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebZIP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Wget [OR]
RewriteCond %{HTTP_USER_AGENT} ^Widow [OR]
RewriteCond %{HTTP_USER_AGENT} ^WWWOFFLE [OR]
RewriteCond %{HTTP_USER_AGENT} ^Xaldon\ WebSpider [OR]
RewriteCond %{HTTP_USER_AGENT} ^Zeus
RewriteRule ^.* - [F,L]

```

1.2.22 Página 404.php

```
<?php
include 'locale/language.php';
$activeMenu = '404';
?>
<!DOCTYPE html>
<html lang="<?= $lang ?>">
<head>
  <title>Android User Interfaces Analyzer - Error 404</title>
  <meta charset="utf-8">
  <meta name="description" content="Error 404"/>
  <meta name="keywords" content="Android, UI, Analyzer, error, 404">
  <meta name="robots" content="noindex, follow">
  <?php include 'includes/head.php'; ?>
</head>
<body>
<?php include 'includes/menu.php'; ?>

<div class="ui one stackable centered page grid">
  <h1 class="ui header">Error 404</h1>

  <div class="twelve wide center aligned column">
    <h4 class="ui header"><?php echo $text['ERROR_404']; ?></h4>
    
  </div>
</div>

<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>
</body>
</html>
```

1.2.23 Página 500.php

```
<?php
include 'locale/language.php';

$activeMenu = '500';
?>
<!DOCTYPE html>
<html lang="<?= $lang ?>">
<head>
  <title>Android User Interfaces Analyzer - Error 500</title>
  <meta charset="utf-8">
  <meta name="description" content="Error 500"/>
  <meta name="keywords" content="Android, UI, Analyzer, error, 500">
  <meta name="robots" content="noindex, follow">
  <?php include 'includes/head.php'; ?>
</head>
<body>
<?php include 'includes/menu.php'; ?>

<div class="ui one stackable centered page grid">
  <h1 class="ui header">Error 500</h1>

  <div class="twelve wide center aligned column">
    <h4 class="ui header"><?php echo $text['ERROR_500']; ?></h4>
    
  </div>
</div>

<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>
</body>
```

</html>

1.2.24 Página contact.php

```

<?php
$activeMenu = 'contact';
include 'locale/language.php';
?>
<!DOCTYPE html>
<html lang="<?=$lang ?>">
<head>
  <title><?php echo $text['CONTACT_TAG_TITLE']; ?></title>
  <meta charset="utf-8">
  <meta name="description" content="<?php echo $text['CONTACT_TAG_DESCRIPTION']; ?>" />
  <meta name="keywords" content="<?php echo $text['TAG_KEYWORDS']; ?>" />
  <meta name="robots" content="index, follow">
  <meta property="og:locale" content="<?=$lang ?>" />
  <meta property="og:type" content="website" />
  <meta property="og:title" content="<?php echo $text['CONTACT_TAG_TITLE']; ?>" />
  <meta property="og:description" content="<?php echo
$text['CONTACT_TAG_DESCRIPTION']; ?>" />
  <meta property="og:url" content="http://www.androiduianalyzer.com/<?=$lang
?>/contact" />
  <meta property="og:site_name" content="<?php echo $text['CONTACT_TAG_TITLE']; ?>" />
  <link rel="alternate" hreflang="x-default"
href="http://www.androiduianalyzer.com/contact" />
  <link rel="alternate" hreflang="es"
href="http://www.androiduianalyzer.com/es/contact" />
  <link rel="alternate" hreflang="en"
href="http://www.androiduianalyzer.com/en/contact" />
  <?php include 'includes/head.php'; ?>
  <link rel="stylesheet" type="text/css"
href="http://www.androiduianalyzer.com/css/contact.css" />
</head>
<body>
<?php
include 'includes/menu.php';
session_start();
?>

<div class="ui one stackable centered page grid">
  <h1 class="ui header"><?php echo $text['CONTACT_TITLE']; ?></h1>

  <div class="eleven wide column">
    <?php echo $text['CONTACT_DESCRIPTION']; ?>
    <div id="bar" class="ui teal progress" data-value="
      <?php
$email = $_SESSION['email'];
if (strcmp($email, "CAPTCHA") == 0) {
  echo '4';
} else {
  echo '0';
}
?>
      " data-total="<?php
$email = $_SESSION['email'];
if (strcmp($email, "CAPTCHA") == 0) {
  echo '6';
} else {
  echo '5';
}
?>">
      <div class="bar"></div>
    </div>
    <form action="http://www.androiduianalyzer.com/email/validate.php" method="post"
class="form-style" id="form">
      <div class="ui form">
        <h2 class="ui dividing header"><?php echo $text['PERSONAL_INFORMATION'];
?></h2>

        <div class="two fields">
          <div class="field required">
            <label for="name"><?php echo $text['FULL_NAME']; ?></label>

```

```

        <div class="ui icon input">
            <input id="name" type="text" name="name"
                value="<?php echo
htmlspecialchars($_SESSION['name']); ?>"
                placeholder="<?php echo $text['FULL_NAME']; ?>"
required/>
            <i class="user icon"></i>
        </div>
    </div>
    <div class="field required">
        <label for="email">Email</label>

        <div class="ui icon input">
            <input id="email" type="email" name="email"
                value="<?php echo
htmlspecialchars($_SESSION['email_entered']); ?>"
                placeholder="<?php echo $text['VALID_EMAIL']; ?>"
required/>
            <i class="mail icon"></i>
        </div>
    </div>
</div>
<h2 class="ui dividing header"><?php echo $text['CONTACT_US']; ?></h2>

    <div class="one field">
        <div class="field required">
            <label for="subject"><?php echo $text['SUBJECT']; ?></label>

            <div class="ui icon input">
                <input id="subject" type="text" name="subject"
                    value="<?php echo
htmlspecialchars($_SESSION['subject']); ?>"
                    placeholder="<?php echo $text['SUBJECT_DESCRIPTION'];
?>" required/>
                <i class="mail outline icon"></i>
            </div>
        </div>
    </div>
    <div class="one field">
        <div class="field required">
            <label for="message"><?php echo $text['MESSAGE']; ?></label>
            <textarea id="message" name="message" placeholder="<?php echo
$text['MESSAGE_DESCRIPTION']; ?>"
                required><?php echo
htmlspecialchars($_SESSION['message']); ?></textarea>
        </div>
    </div>
    <div class="ui bottom attached secondary segment">
        <div class="field">
            <label for="g-recaptch"><?php echo $text['CAPTCHA']; ?>
* </label>
            <div id="g-recaptcha" class="g-recaptcha" data-
sitekey="6Ld42wMTAAAAAKe9dOMowLg4PanCooWQnF9Lqe6R"></div>
        </div>
    </div>
    <div class="ui hidden divider"></div>
    <div class="field required">
        <div class="ui checkbox">
            <input type="checkbox" id="terms" name="terms" required>
            <input type="hidden" name="lang" value="<?= $lang; ?>">
            <label for="terms"><?php echo $text['ACCEPT_TERMS']; ?></label>
        </div>
    </div>
</div>
<input class="ui blue submit button" id="submit" name="submit" type="submit"
    value="<?php echo $text['SEND']; ?>">
<?php
$email = $_SESSION['email'];
if (strcmp($email, "YES") == 0) {
    echo '<p class="email-correct" autofocus> ' . $text['MESSAGE_SENT'] .
'</p>';
} elseif (strcmp($email, "NO") == 0) {
    echo '<p class="email-incorrect" autofocus> ' . $text['MESSAGE_ERROR'] .
'</p>';
} elseif (strcmp($email, "CAPTCHA") == 0) {

```

```

                echo '<p class="email-incorrect" autofocus> ' . $text['CAPTCHA_ERROR'] .
' </p>';
                } elseif (strcmp($email, "EMAIL_VALIDATION") == 0) {
                echo '<p class="email-incorrect" autofocus> ' . $text['EMAIL_ERROR'] . '
</p>';
                }
                ?>
            </form>
        </div>
</div>

<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>
<script src='https://www.google.com/recaptcha/api.js'></script>
<script>
    var validatedInputs = {};
    validatedInputs["name"] = false;
    validatedInputs["email"] = false;
    validatedInputs["subject"] = false;
    validatedInputs["message"] = false;

    function get(k) {
        return validatedInputs[k];
    }

    $(document).ready(function () {
        $('#ui.checkbox').checkbox();
        $('#bar').progress({
            label: 'ratio',
            text: {
                active: '{value} de {total} campos completados',
                success: '!Completa el Captcha y ya puedes enviar!'
            }
        });

        updateProgressBar("name");
        updateProgressBar("email");
        updateProgressBar("subject");
        updateProgressBar("message");

        document.getElementById("g-recaptcha").align = "center";
    });

    $("#terms").change(function () {
        if (this.checked) {
            incrementProgressBar();
        } else {
            decrementProgressBar();
        }
    });

    function updateProgressBar(input) {
        $("#" + input).focusout(function () {
            if (document.getElementById(input).validity.valid == true && get(input) ==
false) {
                incrementProgressBar();
                validatedInputs[input] = true;
            } else if (document.getElementById(input).validity.valid != true &&
get(input) == true) {
                decrementProgressBar();
                validatedInputs[input] = false;
            }
        });
    }

    function incrementProgressBar() {
        $('#bar').progress('increment');
        value = parseInt($('#bar').attr('data-value'));
        $('#bar').attr('data-value', value + 1);
    }

    function decrementProgressBar() {
        value = parseInt($('#bar').attr('data-value'));

```

```

        $('#bar').attr('data-value', value - 1);
        $('#bar').progress('decrement');
    }
</script>
</body>
</html>

```

1.2.25 Página home.php

```

<?php
header("Cache-Control: no-store, no-cache, must-revalidate, max-age=0");
header("Cache-Control: post-check=0, pre-check=0", false);
header("Pragma: no-cache");
$activeMenu = 'home';
include 'locale/language.php';
include 'includes/utils.php';
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <title><?php echo $text['TAG_TITLE']; ?></title>
    <meta charset="utf-8">
    <meta name="description" content="<?php echo $text['TAG_DESCRIPTION']; ?>"/>
    <meta name="keywords" content="<?php echo $text['TAG_KEYWORDS']; ?>"/>
    <meta name="robots" content="index, follow">
    <meta property="og:locale" content="<?=$lang ?>"/>
    <meta property="og:type" content="website"/>
    <meta property="og:title" content="<?php echo $text['TAG_TITLE']; ?>"/>
    <meta property="og:description" content="<?php echo $text['TAG_DESCRIPTION']; ?>"/>
    <meta property="og:url" content="http://www.androiduianalyzer.com"/>
    <meta property="og:site_name" content="<?php echo $text['TAG_TITLE']; ?>"/>
    <link rel="canonical" href="http://www.androiduianalyzer.com"/>
    <link rel="alternate" hreflang="x-default" href="http://www.androiduianalyzer.com"/>
    <link rel="alternate" hreflang="es"
href="http://www.androiduianalyzer.com/es/home"/>
    <link rel="alternate" hreflang="en"
href="http://www.androiduianalyzer.com/en/home"/>
    <?php include 'includes/head.php'; ?>
    <link rel="stylesheet" type="text/css"
href="http://www.androiduianalyzer.com/css/home.css">
</head>
<body>
<?php include 'includes/menu.php'; ?>

<div class="ui inverted mainheader segment">
    <div class="ui two column page divided stackable grid">
        <div class="ui twelve wide column">
            <div class="ui hidden transition information">
                <h1 class="ui inverted header"><?php echo $text['MAIN_HEADER_TITLE'];
?></h1>

                <p>
                    <?php echo $text['MAIN_HEADER_DESCRIPTION']; ?>.
                </p>

                <div class="ui grid">
                    <div class="column">
                        <form action="http://www.androiduianalyzer.com/includes/upload-
file.php" method="post"
                            enctype="multipart/form-data" id="uploadFileForm">
                            <div class="ui form">
                                <div id="loading" class="ui dimmer">
                                    <div class="ui indeterminate text loader">
                                        <?php echo $text['ANALYZING']; ?>...
                                    </div>
                                </div>
                                <div class="field required">
                                    <label id="selectLabel" for="FileInput">Selecciona
un fichero XML</label>
                                    <input name="FileInput" class="ui grey button"
id="FileInput" type="file"/>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

                                <input type="submit" id="submitButton" class="ui
green submit button"
                                value="<?php echo $text['ANALYZE']; ?>"/>
                                </div>
                                <div id="outputMessages"></div>
                                </div>
                                </form>
                                </div>
                                </div>
                                </div>
                                <div class="three wide column">
                                
                                </div>
                                </div>
</div>
<div class="ui vertical feature segment">
    <div class="ui centered page grid">
        <div class="fourteen wide column">
            <div class="ui three column center aligned stackable divided grid">
                <div class="column">
                    <div class="ui icon header">
                        <i class="student icon"></i>
                        <?php echo $text['MASTER_TITLE']; ?>
                    </div>
                    <p>
                        <?php echo $text['MASTER_DESCRIPTION']; ?>.
                    </p>
                    <p>
                        <a class="ui blue right labeled icon button"
href="http://goo.gl/uzWFZo" target="_blank"> + info
                        <i class="right chevron icon"></i> </a>
                    </p>
                </div>
                <div class="column">
                    <div class="ui icon header">
                        <i class="code icon"></i>
                        <?php echo $text['CODE_TITLE']; ?>
                    </div>
                    <p>
                        <?php echo $text['CODE_DESCRIPTION']; ?>.
                    </p>
                </div>
                <div class="column">
                    <div class="ui icon header">
                        <i class="file text outline icon"></i>
                        <?php echo $text['REPORT_TITLE']; ?>
                    </div>
                    <p>
                        <?php echo $text['REPORT_DESCRIPTION']; ?>
                    </p>
                    <form action="http://www.androiduianalyzer.com/includes/create-zip"
method="post" class="form-style"
                    id="form"
                    target="_blank">
                        <input class="ui blue submit button floated" id="submit"
name="submit" type="submit"
                        value="<?php echo $text['DOWNLOAD_DEMOS']; ?>"
                    </form>
                </div>
            </div>
        </div>
    </div>
</div>
<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>
<script type="text/javascript"
src="http://www.androiduianalyzer.com/js/jquery.form.min.js"></script>
<script type="text/javascript">
    $(document).ready(function () {

```



```

        $('#mainheader .information').transition('scale in', 1000);

        var options = {
            target: '#outputMessages',
            beforeSubmit: beforeSubmit,
            success: afterSuccess,
            uploadProgress: OnProgress
        };

        $('#uploadFileForm').submit(function () {
            $(this).ajaxSubmit(options);
            return false;
        });

        function afterSuccess() {
            $('#submitButton').show();
            $('#loading').removeClass("active");
            window.location = "http://www.androiduianalyzer.com/<?=$lang ?>/report";
        }

        function beforeSubmit() {
            if (window.File && window.FileReader && window.FileList && window.Blob) {
                if (!$('#FileInput').val()) {
                    $('#outputMessages').html("<?php echo $text['ERROR_FORMAT']; ?>");
                    return false;
                }

                var fsize = $('#FileInput')[0].files[0].size;
                var ftype = $('#FileInput')[0].files[0].type;

                switch (ftype) {
                    case 'text/xml' :
                        break;
                    default:
                        $('#outputMessages').html("<?php echo $text['ERROR_FORMAT'];
?>");

                        return false
                }

                // Less than 5 MB
                if (fsize > 5242880) {
                    $('#outputMessages').html("<?php echo $text['ERROR_TOO_BIG']; ?>.");
                    return false
                }

                $('#submitButton').hide();
                $('#loading').addClass("active");
                $('#outputMessages').html("");
            } else {
                $('#outputMessages').html("<?php echo $text['ERROR_UPDATE_BROWSER'];
?>");

                return false;
            }
        }

        function bytesToSize(bytes) {
            var sizes = ['Bytes', 'KB', 'MB', 'GB', 'TB'];
            if (bytes == 0)
                return '0 Bytes';
            var i = parseInt(Math.floor(Math.log(bytes) / Math.log(1024)));
            return Math.round(bytes / Math.pow(1024, i), 2) + ' ' + sizes[i];
        }

        function OnProgress(event, position, total, percentComplete) {
            $('#progressBox').show();
            $('#progressBar').width(percentComplete + '%');
            $('#statusTxt').html(percentComplete + '%');
            if (percentComplete > 50) {
                $('#statusTxt').css('color', '#000');
            }
        }
    });
</script>
<script type="application/ld+json">
    {
        "@context" : "http://schema.org",
        "@type" : "WebSite",

```

```
"name" : "Android UI Analyzer",
"alternateName" : "AndroidUI Analyzer",
"url" : "http://www.androiduianalyzer.com"
}
</script>
</body>
</html>
```

1.2.26 Página report.php

```
<?php
header("Cache-Control: no-store, no-cache, must-revalidate, max-age=0");
header("Cache-Control: post-check=0, pre-check=0", false);
header("Pragma: no-cache");

$activeMenu = 'report';
include 'locale/language.php';
include 'controller/ReportsController.php';

$pageWasRefreshed = isset($_SERVER['HTTP_CACHE_CONTROL']) &&
$_SERVER['HTTP_CACHE_CONTROL'] === 'max-age=0';

if($pageWasRefreshed ) {
    $_SESSION['refresh'] = true;
    header("Location: http://www.androiduianalyzer.com");
}

?>
<!DOCTYPE html>
<html lang="<?= $lang ??">
<head>
    <title><?php echo $text['REPORT_TAG_TITLE']; ?></title>
    <meta charset="utf-8">
    <meta name="description" content="<?php echo $text['REPORT_TAG_DESCRIPTION']; ?>" />
    <meta name="keywords" content="<?php echo $text['REPORT_TAG_KEYWORDS']; ?>" />
    <meta name="robots" content="noindex, follow">
    <meta property="og:locale" content="<?= $lang ??" />
    <meta property="og:type" content="website" />
    <meta property="og:title" content="<?php echo $text['REPORT_TAG_TITLE']; ?>" />
    <meta property="og:description" content="<?php echo $text['REPORT_TAG_DESCRIPTION'];
?>" />
    <meta property="og:url" content="http://www.androiduianalyzer.com/<?= $lang
?>/report" />
    <meta property="og:site_name" content="<?php echo $text['REPORT_TAG_TITLE']; ?>" />
    <link rel="alternate" hreflang="x-default"
href="http://www.androiduianalyzer.com/report" />
    <link rel="alternate" hreflang="es"
href="http://www.androiduianalyzer.com/es/report" />
    <link rel="alternate" hreflang="en"
href="http://www.androiduianalyzer.com/en/report" />
    <?php include 'includes/head.php'; ?>
</head>
<body>
<?php include 'includes/menu.php'; ?>

<div id="report" class="ui grid">
    <div class="wide column">
        <h1 class="ui center aligned header"><?php echo $text['REPORT']; ?>
        - <?php echo $_SESSION['realFileName']; ?></h1>
        <?php
        if (isset($_SESSION['fileName'])) {
            $xml = @simplexml_load_file('uploads/' . $_SESSION['fileName']);

            $reportsController = new ReportsController($xml, $lang, $text);
            $reportsController->detectIssues();
        } else {
            echo $text['MESSAGE_ERROR'];
        }

        ?>
    </div>
</div>
```

```
<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>

<script>
    $(document).ready(function () {
        $('#noIssue').hide();
        $('#showIssuesOnly').hide();
        $('#showAllTopics').show();

        updateVisibleIssues();
    });

    function showAllTopics() {
        $('#noIssue').show();
        $('#showIssuesOnly').toggle();
        $('#showAllTopics').toggle();
    }

    function showIssuesOnly() {
        $('#noIssue').hide();
        $('#showIssuesOnly').toggle();
        $('#showAllTopics').toggle();

        updateVisibleIssues();
    }

    function updateVisibleIssues() {
        $('#table').each(function() {
            $(this).hide();
        });

        $('h2').each(function() {
            $(this).hide();
        });

        $('tr').each(function() {
            if ($(this).attr("class") == "issue"){
                $(this).closest("table").prev().show();
                $(this).closest("table").show();
            }
        });
    }
</script>
</body>
</html>
```

1.2.27 Archivo robots.txt

```
User-agent: *
Disallow: /404.php
Disallow: /500.php
Disallow: /report.php
Sitemap: http://www.androiduianalyzer.com/sitemap.xml
```

1.2.28 Archivo sitemap.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset
xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
    <url>
        <loc>http://www.androiduianalyzer.com/</loc>
        <changefreq>daily</changefreq>
        <priority>1.0</priority>
    </url>
```

```

        <url>
            <loc>http://www.androiduianalyzer.com/contact</loc>
            <changefreq>daily</changefreq>
            <priority>0.8</priority>
        </url>
    <url>
        <loc>http://www.androiduianalyzer.com/terms</loc>
        <changefreq>daily</changefreq>
        <priority>0.6</priority>
    </url>
    <url>
        <loc>http://www.androiduianalyzer.com/privacy-policy</loc>
        <changefreq>daily</changefreq>
        <priority>0.6</priority>
    </url>
</urlset>

```

1.2.29 Página privacy-policy.php

```

<?php
header("Cache-Control: no-store, no-cache, must-revalidate, max-age=0");
header("Cache-Control: post-check=0, pre-check=0", false);
header("Pragma: no-cache");

$activeMenu = 'privacy-policy';
include 'locale/language.php';
?>
<!DOCTYPE html>
<html lang="<?=$lang ?>">
<head>
    <title><?php echo $text['PRIVACY_TAG_TITLE']; ?></title>
    <meta charset="utf-8">
    <meta name="description" content="<?php echo $text['PRIVACY_TAG_DESCRIPTION']; ?>" />
    <meta name="keywords" content="<?php echo $text['PRIVACY_TAG_KEYWORDS']; ?>" />
    <meta name="robots" content="index, follow">
    <meta property="og:locale" content="<?=$lang ?>" />
    <meta property="og:type" content="website" />
    <meta property="og:title" content="<?php echo $text['PRIVACY_TAG_TITLE']; ?>" />
    <meta property="og:description" content="<?php echo
$text['PRIVACY_TAG_DESCRIPTION']; ?>" />
    <meta property="og:url" content="http://www.androiduianalyzer.com/<?=$lang
?>/privacy-policy" />
    <meta property="og:site_name" content="<?php echo $text['PRIVACY_TAG_TITLE']; ?>" />
    <link rel="alternate" hreflang="x-default"
href="http://www.androiduianalyzer.com/privacy-policy" />
    <link rel="alternate" hreflang="es"
href="http://www.androiduianalyzer.com/es/privacy-policy" />
    <link rel="alternate" hreflang="en"
href="http://www.androiduianalyzer.com/en/privacy-policy" />
    <?php include 'includes/head.php'; ?>
</head>
<body>
<?php include 'includes/menu.php'; ?>

<div class="ui one stackable centered page grid">
    <h1 class="ui header">Política de privacidad</h1>

    <div class="twelve wide column">
        <h2 class="ui header">Privacidad</h2>

        <p>
            Android UI Analyzer solo almacena aquellos datos que los usuarios
            proporcionen a través del formulario de contacto, ningún otro dato más.
        </p>

        <p>
            Estos datos NO se facilitarán a terceros, a excepción de los términos
            previstos por la LOPD, ni se
            utilizarán con finalidades que NO sean las propias del portal.
        </p>

    </div>

```

```

        De acuerdo con la legalidad vigente, pueden ejercer sus derechos sobre ellos
        enviando dicha petición por cualquiera de las vías
        habilitadas en nuestra zona de contacto.
    </p>

    <h2 class="ui header">¿Cómo utilizamos las cookies?</h2>

    <p>
        Navegar por este portal supone que se puedan instalar los siguientes tipos
    de cookies:
    </p>

    <h3 class="ui header">Cookies de análisis estadístico</h3>

    <p>
        Son aquellas que, bien tratadas por Android UI Analyzer o por terceros,
        permiten cuantificar el número de visitantes y
        analizar estadísticamente la utilización que hacen los usuarios de los
        servicios. Gracias a ello
        se pueden estudiar la navegación por la página web, y mejorar así la oferta
        de productos o servicios.
    </p>
</div>
</div>

<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>

</body>
</html>

```

1.2.30 Página terms.php

```

<?php
header("Cache-Control: no-store, no-cache, must-revalidate, max-age=0");
header("Cache-Control: post-check=0, pre-check=0", false);
header("Pragma: no-cache");

$activeMenu = 'terms';
include 'locale/language.php';
?>
<!DOCTYPE html>
<html lang="<?= $lang ?>">
<head>
    <title><?php echo $text['TERMS_TAG_TITLE']; ?></title>
    <meta charset="utf-8">
    <meta name="description" content="<?php echo $text['TERMS_TAG_DESCRIPTION']; ?>" />
    <meta name="keywords" content="<?php echo $text['TERMS_TAG_KEYWORDS']; ?>" />
    <meta name="robots" content="index, follow">
    <meta property="og:locale" content="<?= $lang ?>" />
    <meta property="og:type" content="website" />
    <meta property="og:title" content="<?php echo $text['TERMS_TAG_TITLE']; ?>" />
    <meta property="og:description" content="<?php echo $text['TERMS_TAG_DESCRIPTION'];
?>" />
    <meta property="og:url" content="http://www.androiduianalyzer.com/<?= $lang
?>/terms" />
    <meta property="og:site_name" content="<?php echo $text['TERMS_TAG_TITLE']; ?>" />
    <link rel="alternate" hreflang="x-default"
href="http://www.androiduianalyzer.com/terms" />
    <link rel="alternate" hreflang="es"
href="http://www.androiduianalyzer.com/es/terms" />
    <link rel="alternate" hreflang="en"
href="http://www.androiduianalyzer.com/en/terms" />
    <?php include 'includes/head.php'; ?>
</head>
<body>
<?php include 'includes/menu.php'; ?>

<div class="ui one stackable centered page grid">
    <h1 class="ui header">Aviso legal</h1>

```

```
<div class="twelve wide column">
  <h2 class="ui header">Responsable Legal</h2>

  <p>
    <strong>Android UI Analyzer</strong>
  </p>

  <p>
    <strong>CIF: <span class="obfuscate">V01675535</span></strong>
  </p>

  <p>
    <strong>Email: <span
class="obfuscate">moc.rezylanaaudiordna@ofni</span></strong>
  </p>

  <h2 class="ui header">Condiciones Generales</h2>

  <p>
    <strong>PRIMERA.-</strong> La utilización del Portal así como de los
servicios que se ofrecen en el mismo
    son, de carácter gratuito.
  </p>

  <p>
    <strong>SEGUNDA.-</strong> Por el mero uso del Portal o de cualquiera de los
portales incluidos en el mismo,
    el usuario manifiesta su aceptación sin reservas de las presentes
condiciones generales.
  </p>

  <p>
    <strong>TERCERA.-</strong> El usuario se obliga a no utilizar el Portal ni
los servicios ofertados por el
    mismo para la
    realización de actividades contrarias a las leyes, a la moral, al orden
público y, en general, a hacer un
    uso conforme a las presentes condiciones generales. Se obliga asimismo a no
realizar a través de los
    servicios, actividades publicitarias o de explotación comercial y a no
remitir mensajes utilizando una
    identidad falsa, así como a no ocultar en manera alguna el origen del
mensaje.
  </p>

  <p>
    <strong>QUINTA.-</strong> El usuario se obliga a respetar las restricciones
de uso del Portal y de los
    servicios establecidos por Android UI Analyzer en cada momento.
  </p>

  <p>
    <strong>SEXTA.-</strong> Android UI Analyzer no será responsable de los
fallos que pudieran producirse en las
    comunicaciones, incluido
    el borrado, transmisión incompleta o retrasos en la remisión, no
comprometiéndose tampoco a que la red de
    transmisión esté operativa en todo momento. Tampoco responderá en caso de
que un tercero, quebrantando las
    medidas de seguridad establecidas por Android UI Analyzer, acceda a los
mensajes o los utilice para la remisión de
    virus informáticos.
  </p>

  <p>
    Android UI Analyzer ha adoptado todas las medidas de seguridad legalmente
exigidas para la protección de los datos
    personales suministrados por el usuario. No obstante, no se puede garantizar
la invulnerabilidad absoluta de
    los sistemas de seguridad, ni puede garantizar la seguridad o inviolabilidad
de dichos datos en su
    transmisión a través de la red.
  </p>
</div>
```

```

        Android UI Analyzer no garantiza la licitud, fiabilidad y utilidad de los
        contenidos que los usuarios transmitan con
        la utilización del Portal o de los servicios de la Red, así como tampoco su
        veracidad o exactitud. Android UI Analyzer
        no controla la utilización que los usuarios hacen del Portal, ni garantiza
        que lo hagan de forma conforme a
        las presentes Condiciones Generales.
    </p>

    <p>
        Android UI Analyzer no controla ni garantiza la ausencia de virus
        informáticos en los servicios prestados por terceros
        a través del Portal que puedan producir alteraciones en su sistema
        informático (software y hardware) o en
        los documentos y ficheros electrónicos almacenados en su sistema
        informático.
    </p>

    <p>
        Los dispositivos de enlace que el Portal pone a disposición de los usuarios
        tienen por único objeto
        facilitar a los mismos la búsqueda de la información disponible en Internet.
        Android UI Analyzer no ofrece ni
        comercializa los productos y servicios disponibles en los sitios enlazados
        ni asume responsabilidad alguna
        por tales productos o servicios.
    </p>

    <p>
        <strong>SÉPTIMA.</strong> Android UI Analyzer podrá interrumpir el servicio
        que esté siendo utilizado por el usuario
        y resolver de modo inmediato la relación con el usuario si detecta un uso de
        su Portal o de cualquiera de los servicios
        que en el mismo se ofertan que pueda considerar contrario a las presentes
        Condiciones Generales.
    </p>

    <p>
        <strong>OCTAVA.</strong> Android UI Analyzer se reserva el derecho de dejar
        de prestar cualquiera de los servicios
        ofrecidos en estas páginas. Se reserva, asimismo, el derecho de modificar
        unilateralmente, en cualquier momento y sin previo
        aviso, la presentación y condiciones del Portal, así como sus servicios y
        las condiciones requeridas para su
        utilización.
    </p>

    <p>
        <strong>NOVENA.</strong> Android UI Analyzer podrá, en cualquier momento,
        modificar las presentes Condiciones
        Generales o introducir
        nuevas condiciones de uso del Portal y/o de los servicios prestados en el
        mismo. Dichas modificaciones sólo
        serán de aplicación a partir de su entrada en vigor.
    </p>

    <p>
        <strong>DÉCIMA.</strong> Las partes, con expresa renuncia a su propio
        fuero, aceptan como legislación
        rectora del presente
        contrato, la española, y se someten para la resolución de cuantos litigios
        pudieran derivarse del mismo a
        los Juzgados y Tribunales de Oviedo.
    </p>
</div>
</div>

<?php
include 'includes/footer.php';
include 'includes/scripts.php';
?>

</body>
</html>
```