Visoka škola stukovnih studija za informacione i komunikacione tehnologije

Bogdan Matorkić 30/13
Dokumentacija
za sajt: https://games-hq.000webhostapp.com/index.php?page=0

Smer: Internet tehnologije
Modul: Web programiranje
Predmet: Web programiranje – PHP1

Beograd, mart 2017. godine

Sadržaj

# 1. Uvod

1.1 Korišćeni programski jezici

Za izradu sajta korišćeni su sledeći programski jezici: HTML, CSS, JavaScript, PHP, AJAX I XML.

1.2 Opis funkcionlanosti

Sajt ima sledeće funkcionalnosti:

- Pretraga igrica iz baze podataka, po imenu igrice ili detaljnije pretražiti preko opcija iz padajućih lista I sortirati.

- Klikom na igricu, otvara se nova strana sa detaljnijim opisom i dodatnim informacijama, takođe iz baze podataka.

- Navigacioni meni, dve padajuće liste i slajder vuku sadržaj iz baze podataka.

- Forma za registraciju i prijavu korisnika na sajt uz zaštitu sesijama, različite opcije ima običan korisnik od administratora.

- Admin panel za administratora preko koga može da briše, menja i unosi nov sadržaj iz i u bazu podataka za korisnike, slike iz galerije i igrice.

- Realizovana galerija slika koja vuče slike iz baze podataka.

- Realizovano glasanje na početnoj stranici koje rezultate piše u tabelu iz baze podataka i glasanje realizovano preko AJAX-a koje rezultate piše u lokalni poll_result.txt fajl.

- Na stranicama na kojima se nalazi više sadržaja i u admin panelu gde se listaju podaci iz baze podataka, urađeno je straničenje radi lakšeg pregleda.

1.3 Template – index.php?page=0
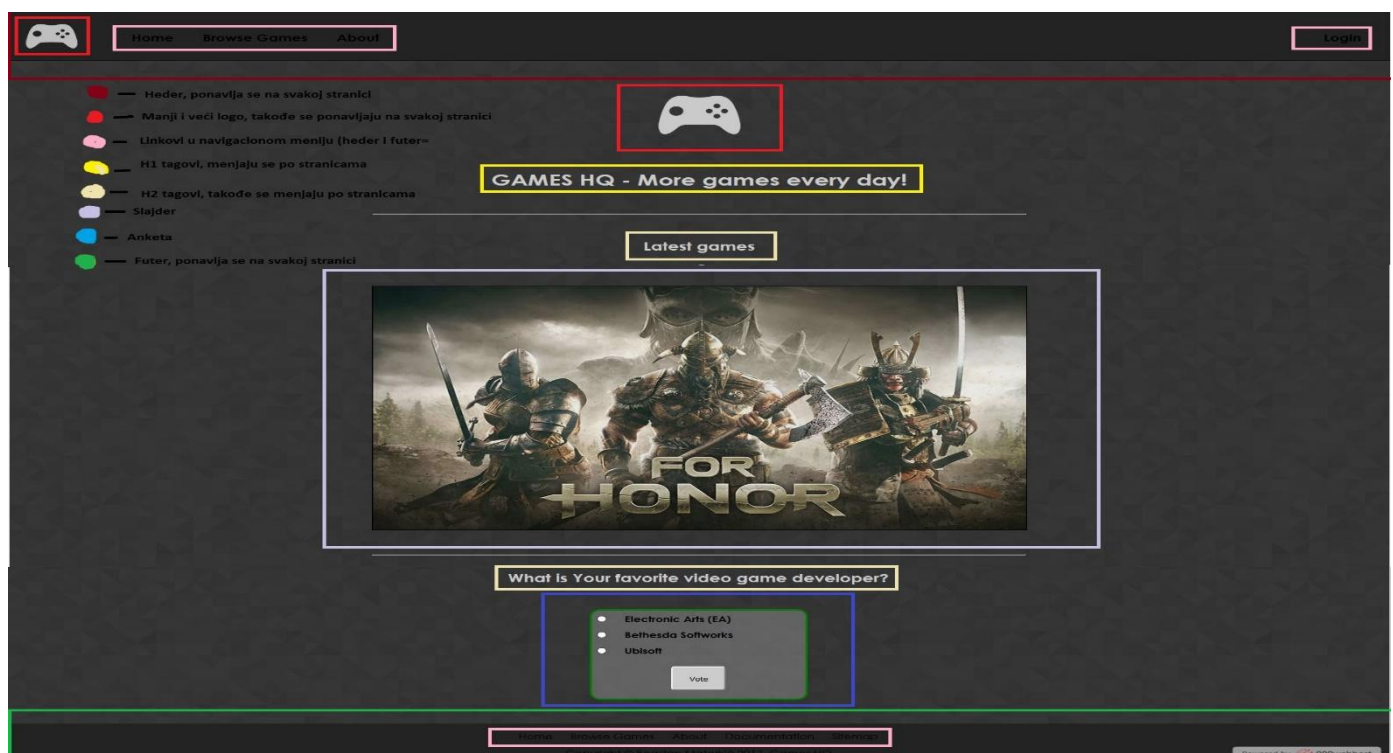
1.4   Template – index.php?page=1

1.5   Template – index.php?page=2
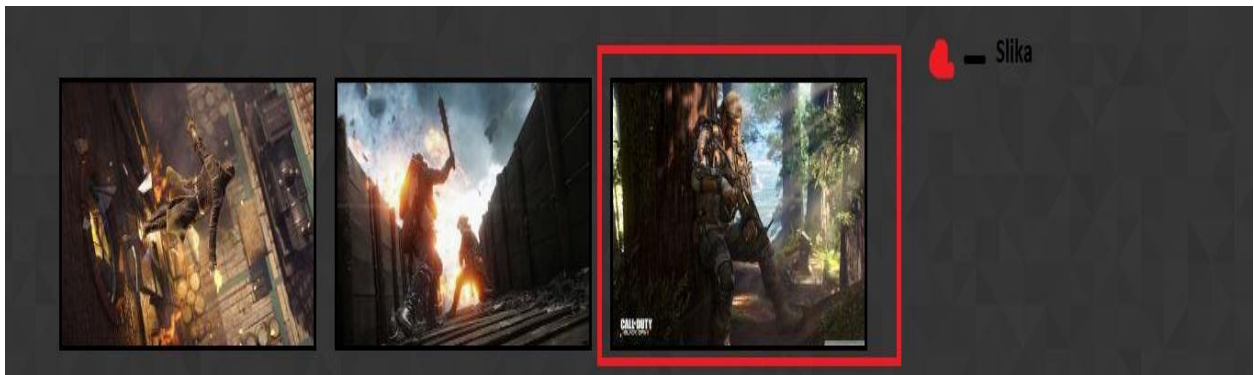
1.6 Template – index.php?page=3

1.7 Template – index.php?page=4
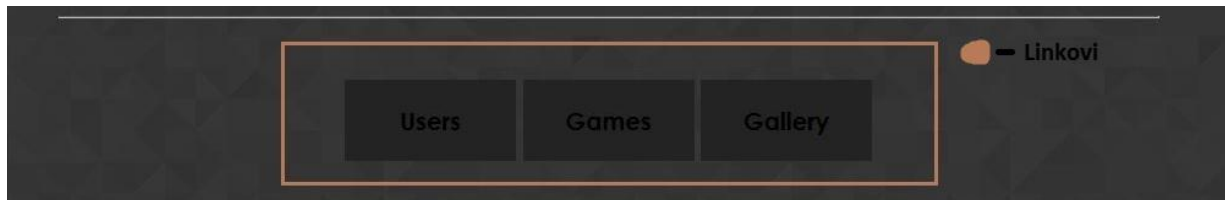
1.8 Template – index.php?page=5

1.9 Template – index.php?page=6
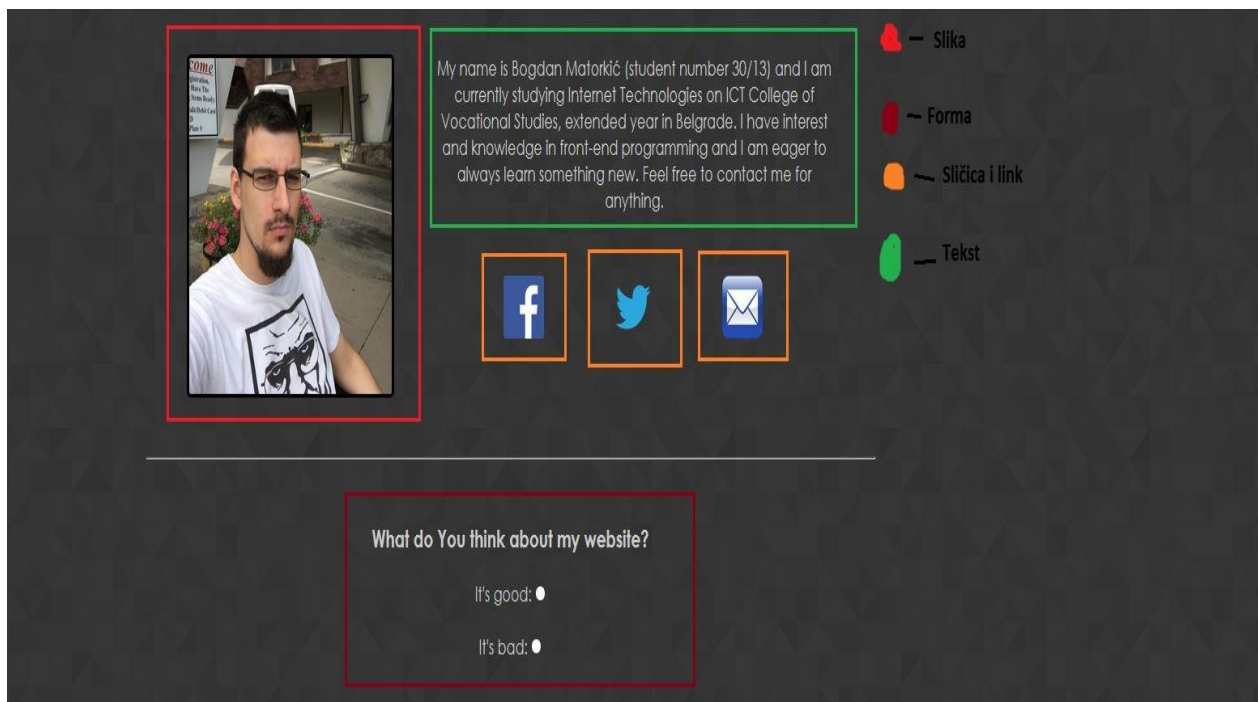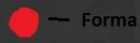
1.10 – Korišćeni CSS

Nema tuđeg CSS-a.

2. Organizacija

2.1 Organizaciona šema

2.2 Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type='text/xsl' href='xml-sitemap.xsl'?>
<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">
<!-- created with Free Online Sitemap Generator www.xml-sitemaps.com
-->
```

```xml
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=0</loc>
  <changefreq>daily</changefreq>
  <priority>1.00</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=1&amp;it1=1</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=4</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=5</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=13</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=21</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
```

```xml
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=23</loc>
    <changefreq>daily</changefreq>
    <priority>0.80</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=1</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=2</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=3</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=4</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=5</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=6</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
```

```xml
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=7</loc>
  <changefreq>daily</changefreq>
  <priority>0.64</priority>
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=8</loc>
  <changefreq>daily</changefreq>
  <priority>0.64</priority>
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=9</loc>
  <changefreq>daily</changefreq>
  <priority>0.64</priority>
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=1&amp;it1=2</loc>
  <changefreq>daily</changefreq>
  <priority>0.64</priority>
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=1&amp;it1=3</loc>
  <changefreq>daily</changefreq>
  <priority>0.64</priority>
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=10</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=11</loc>
```

```xml
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=12</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=14</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=15</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=16</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=17</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=18</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
```

```xml
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=19</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=20</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=22</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=24</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=25</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=26</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
</url>
<url>
    <loc>https://games-
hq.000webhostapp.com/index.php?page=6&amp;game=27</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
```

```
</url>
</urlset>
```

2.3 Slike stranica i opis funkcionalnosti

2.3.1 Home
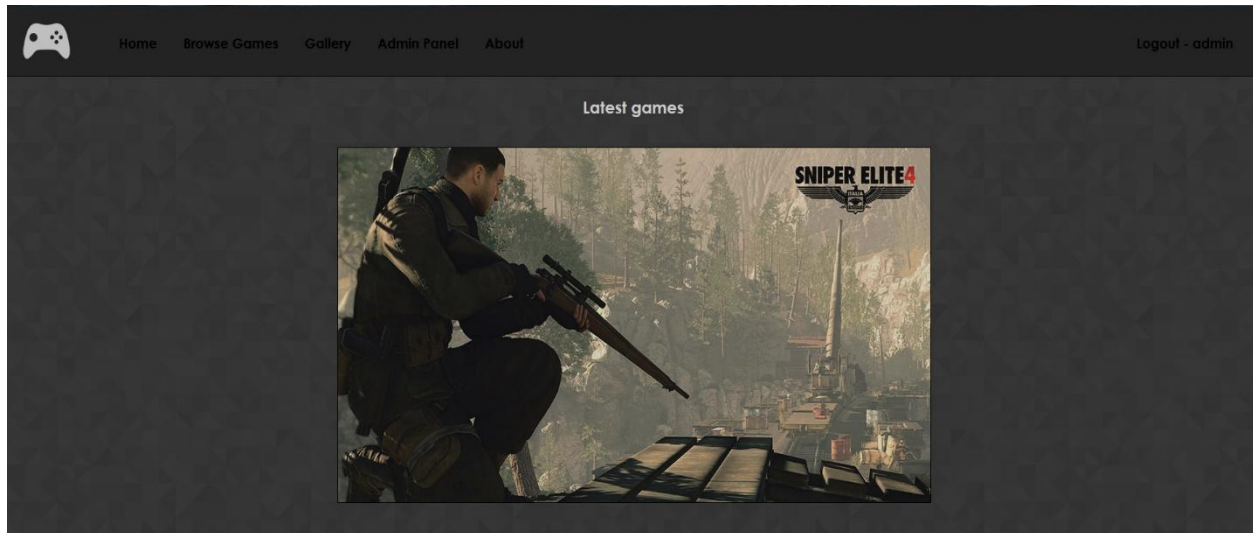
* Linkovi u navigacionom meniju se vuku iz baze podataka i prikazuju se drugačije u zavisnosti od ulogovanog korisnika. Administrator vidi sve linkove, registrovani, prijavljeni korisnik ne vidi Admin Panel, a neulogovani korisnici ne vide ni Admin Panel, ni Galerry. Logout sa imenom korisnika se prikazuje prijavljenim korisnicima, Login piše ako niko nije prijavljen. Slajder prikazuje najnovije igrice koje se takođe vuku iz baze podataka, dok se klikom na slajder ulazi u podmeni sa dodatnim informacijama vezanim za igru.
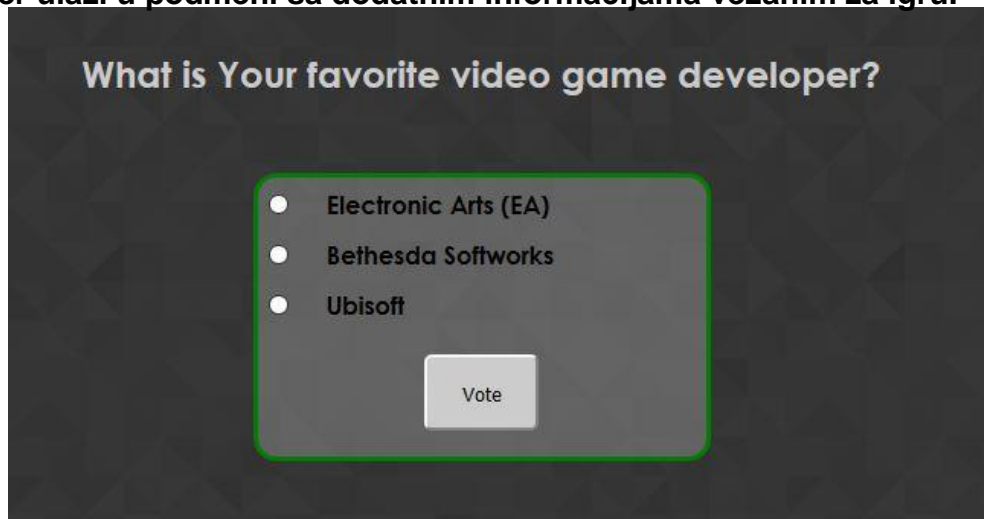
* Anketa koja vuče podatke iz baze podataka i u istu upisuje rezultate. Nakon što se glasa, korisniku se ispisuje link da vidi rezultate koji se prikazuju odmah ispod, klikom na isti.

2.3.2 Browse
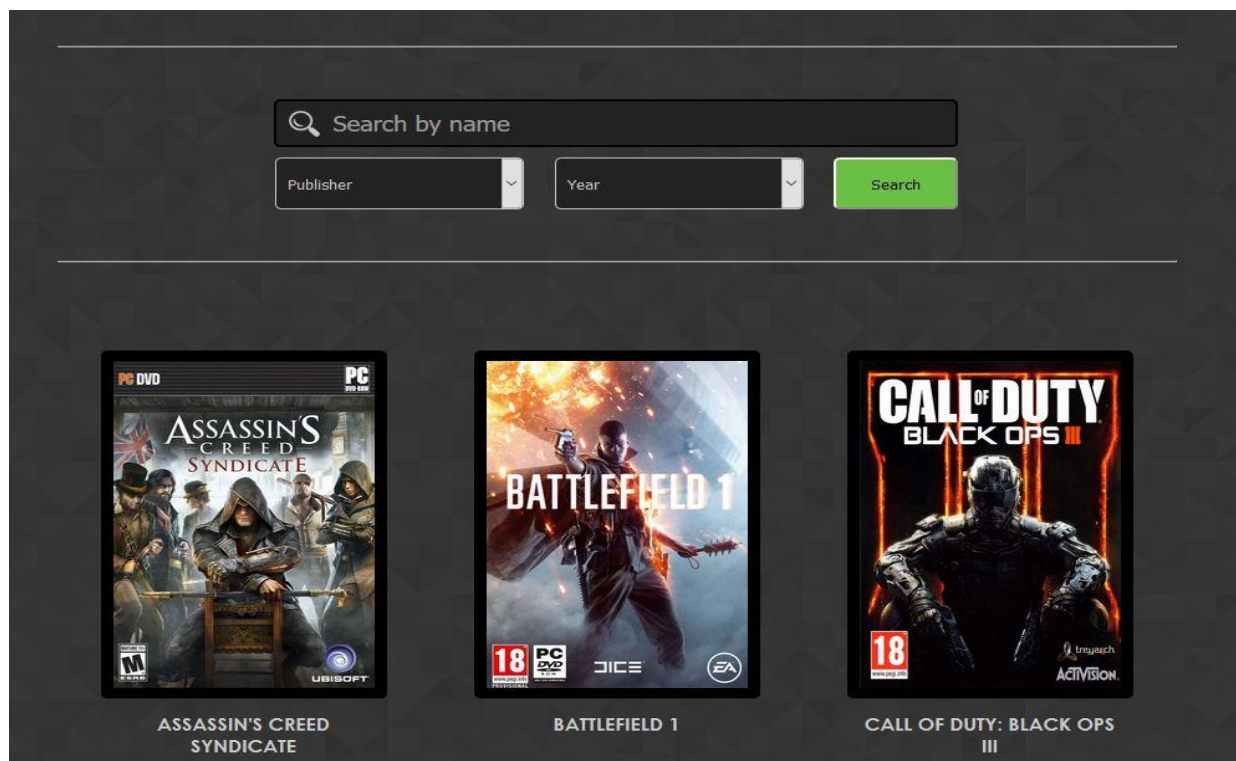
* Forma za pretragu igrica koje se vuku iz baze podataka po imenu ili po godini, ili po izdavaču. Obe padajuće liste sadržaj vuku iz baze podataka. Kada se pređe mišem preko igrice, slika se zatamni i prikaže se tekst sa linkom ka detaljnijem opisu igrice i dodatnim informacijama.

2.3.3 Gallery
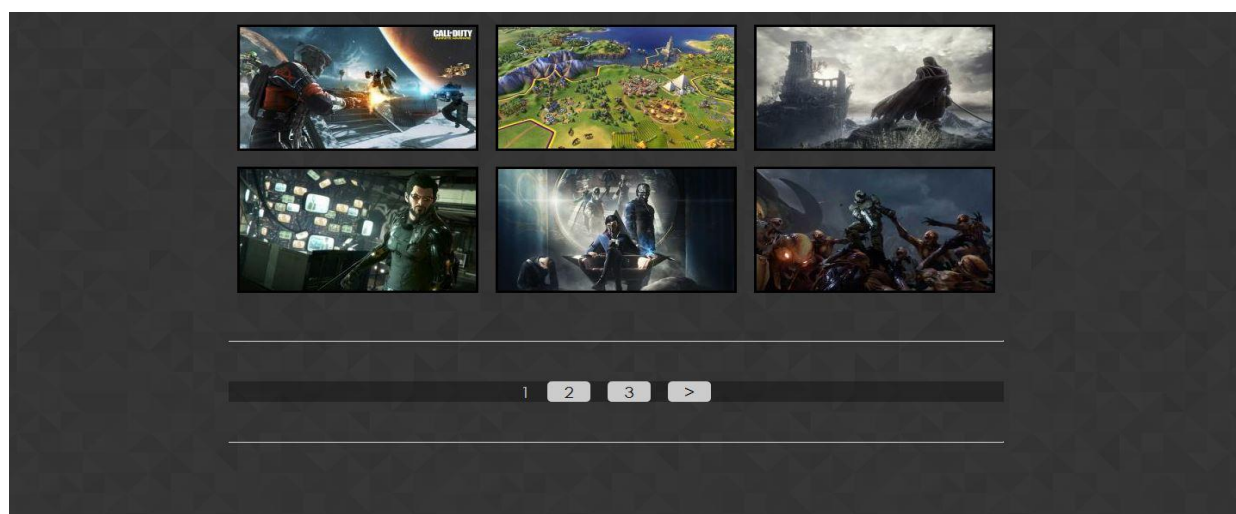
* Galerija koja svoje slike vuče iz baze podataka I prikazuje ih, korišćena funkcija za smanjenje slika. Ispod slika se nalazi straničenje koje lakše omogućava kretanje kroz galeriju.

2.3.4 Admin

* **Klikom na jedno od tri ponuđena linka se prikazuju podaci iz baze podataka vezanih za link. Podaci mogu da se brišu, menjaju ili dodaju novi. Ista pravila važe za sva tri linka. Ispod se takođe nalazi straničenje radi lakšeg kretanja kroz podatke.**

2.3.5 About

* **Anketa na dnu radi preko AJAX-a I rezultate upisuje u lokalni tekstualni fajl.**

2.3.6 Login

* **Forma za registraciju i prijavu korisnika. Prvo je prikazana forma za prijavu, a klikom na link REGISTER, pojavljuje se forma za registraciju.**

3. Kodovi

3.1 HTML i PHP

3.1.1 index.php

```php
<?php
        include('include/connection.inc');
        session_start();
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html>
        <head>
                <?php
                        @$title = $_GET['page'];
                        if(isset($title))
                        {
                                $t = "";
                                switch($title)
                                {
                                        case 0:
                                        $t = "Home";
                                        break;

                                        case 1:
                                        $t = "Browse";
                                        break;

                                        case 2:
                                        $t = "Gallery";
```

```php
                break;

                case 3:
                $t = "Admin";
                break;

                case 4:
                $t = "About";
                break;

                case 5:
                $t = "Login";
                break;

                default:
                $t = "Home";
                break;
            }
            echo("<title>Games HQ - ".$t."</title>");
        }
        else
        {
            echo("<title>Games HQ - Home</title>");
        }
    ?>
    <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
    <meta http-equiv="content-type" content="text/html; charset=utf-8"/>
    <meta name="description" content="Video Games"/>
    <meta name="keywords" content="Games, Browse, Gallery, Publisher, Year, Ubisoft, Electronic Arts, Bethesda Softworks, Battlefield, Call of Duty"/>
    <meta name="author" content="Bogdan Matorkić">
    <link rel="stylesheet" type="text/css" href="css/style.css"/>
    <link rel="shortcut icon" href="pictures/general/favicon.ico"/>
    <script type="text/javascript" language="javaScript" src="script/script.js"></script>
    <script type="text/javascript" language="javaScript" src="script/ajax.js"></script>
</head>
<body>
    <div id="wrapper">
        <nav>
            <a href="index.php">
            <div id="logo"></div>
```

```php
                        </a>
                        <div id="menu_left">
                                <ul>
                                <?php
                                        if(@$_SESSION['role'] ==
'administrator')
                                        {
                                                $query_nav = "SELECT *
FROM nav";
                                        }
                                        else if(@$_SESSION['role'] ==
'user')
                                        {
                                                $query_nav = "SELECT *
FROM nav WHERE nav_id != 4";
                                        }
                                        else if(!@$_SESSION['role'])
                                        {
                                                $query_nav = "SELECT *
FROM nav WHERE nav_id != 3 AND nav_id != 4";
                                        }

                                        $result_nav =
mysqli_query($connection, $query_nav);

                                        while($res =
mysqli_fetch_array($result_nav))
                                        {
                                                echo("<li><a
href='".$res['nav_path']."'>".$res['nav_name']."</a><li>");
                                        }
                                ?>
                                </ul>
                        </div>
                        <div id="menu_right">
                                <ul>
                                <?php
                                        if(@$_SESSION['role'])
                                        {
                                                echo("<li><a
href='include/logout.php'>Logout - ".$_SESSION['user']."</a></li>");
                                        }
                                        else
                                        {
                                                echo("<li><a
href='index.php?page=5'>Login</a></li>");
```

```php
                    }
            ?>
            </ul>
        </div>
        <div class="clear"></div>
    </nav>
    <header>
    </header>
    <main>
    <?php
        @$page = $_GET['page'];

        if(isset($page))
        {
            switch($page)
            {
                case 0:
                require('pages/index_main.php');
                break;

                case 1:
                require('pages/index_browse.php');
                break;

                case 2:
                require('pages/index_gallery.php');
                break;

                case 3:
                require('pages/index_admin.php');
                break;

                case 4:
                require('pages/index_about.php');
                break;

                case 5:
                require('pages/index_login.php');
                break;

                case 6:
```

```php
                    require('pages/index_game.php');
                                        break;

                                        default:
                                        require('pages/index_main.php');
                                        break;
                                    }
                                }
                                else
                                {
                                        require('pages/index_main.php');
                                }
                        ?>
                        </main>
                        <footer>
                                <ul>
                                        <li><a
href="index.php?page=0">Home</a></li>
                                        <li><a
href="index.php?page=1&it1=1">Browse Games</a></li>
                                        <?php
                                                if(@$_SESSION['role'])
                                                {
                                                        echo("<li><a
href='index.php?page=2&it2=1'>Gallery</a></li>");
                                                }
                                                if(@$_SESSION['role'] ==
"administrator")

                                                {
                                                        echo("<li><a
href='index.php?page=3'>Admin Panel</a></li>");
                                                }
                                                mysqli_close($connection);
                                        ?>
                                        <li><a
href="index.php?page=4">About</a></li>
                                        <li><a href="documentation.pdf"
target="_blank">Documentation</a></li>
                                        <li><a href="xml/sitemap.xml"
title="Sitemap" target="_blank">Sitemap</a></li>
                                </ul>
                                <p>Copyright &copy; Bogdan Matorkić  2017,
Games HQ</p>
                        </footer>
                </div>
```

```
        </body>
</html>
```
3.1.2 index-main.php

```html
<h1>GAMES HQ - More games every day!</h1>
<hr/>
<h2>Latest games</h2>
<br/><br/>
<div id="slider">
<?php
        $query_slider = "SELECT * FROM game WHERE game_year = 2017";

        $result_slider = mysqli_query($connection, $query_slider);

        while($res = mysqli_fetch_array($result_slider))
        {
                echo("<div class='slide fade'>");
                echo("<a href='index.php?page=6&game=".$res['game_id']."'><img src='pictures/slider/".$res['game_picture']."' alt='".$res['game_picture']."' width='100%'/></a>");
                echo("</div>");
        }
?>
</div>
<script type="text/javascript" src="script/script.js"></script>
<div class="clear"></div>
<hr/>
<div id="voting">
<h2>What is Your favorite video game developer?</h2>
<form action="index.php?page=0#anchor" method="post" id="anchor">
        <table>
                <tr>
                        <td><input type="radio" name="vote" id="vote" value="1"/></td><td><b>Electronic Arts (EA)</b></td>
                </tr>
                <tr>
                        <td><input type="radio" name="vote" id="vote" value="2"/></td><td><b>Bethesda Softworks</b></td>
                </tr>
                <tr>
                        <td><input type="radio" name="vote" id="vote" value="3"/></td><td><b>Ubisoft</b></td>
                </tr>
                <tr>
```

```php
                        <td align='center' colspan='2'><input type="submit" name="btnVote" id="btnVote" value="Vote"/></td>
                </tr>
        </table>
</form>
<?php
        if(isset($_POST['btnVote']))
        {
                @$vote = $_POST['vote'];

                if(empty($vote))
                {
                        echo("<div class='message_down'>");
                        echo("<h3>You must select an option to vote for.</h3>");
                        echo("</div>");
                }
                else
                {
                        if($vote == 1)
                        {
                                $query_vote = "UPDATE poll SET EA = EA+1";
                                $result_vote = mysqli_query($connection, $query_vote);

                                if($result_vote)
                                {
                                        echo("<br/><h3>You voted for Electronic Arts (EA)!</h3><br/><br/>");
                                        echo("<a href='index.php?page=0&vote=1'><h2>VIEW RESULTS</h2></a>");
                                }
                                else
                                {
                                        echo("Error while voting. - ".mysqli_error());
                                }
                        }
                        else if($vote == 2)
                        {
                                $query_vote = "UPDATE poll SET BS = BS+1";
                                $result_vote = mysqli_query($connection, $query_vote);
```

```php
                                if($result_vote)
                                {
                                        echo("<br/><h3>You voted for
Bethesda Softworks!</h3><br/><br/>");
                                        echo("<a
href='index.php?page=0&vote=1'><h2>VIEW RESULTS</h2></a>");
                                }
                                else
                                {
                                        echo("Error while voting. -
".mysqli_error());
                                }
                        }
                        else
                        {
                                $query_vote = "UPDATE poll SET U = U+1";
                                $result_vote = mysqli_query($connection,
$query_vote);

                                if($result_vote)
                                {
                                        echo("<br/><h3>You voted for
Ubisoft!</h3><br/><br/>");
                                        echo("<a
href='index.php?page=0&vote=1'><h2>VIEW RESULTS</h2></a>");
                                }
                                else
                                {
                                        echo("Error while voting. -
".mysqli_error());
                                }
                        }
                }

        }
        if(isset($_GET['vote']))
        {
                $query_votes = "SELECT * FROM poll";
                $result_votes = mysqli_query($connection, $query_votes);

                $res = mysqli_fetch_array($result_votes);

                $ea = $res['EA'];
                $bs = $res['BS'];
                $u = $res['U'];
```

```php
                    $count = $ea + $bs + $u;

                    $per_ea = round($ea * 100 / $count)."%";
                    $per_bs = round($bs * 100 / $count)."%";
                    $per_u = round($u * 100 / $count)."%";

                    echo("<div id='results'>");
                    echo("<ul>");
                    echo("<li>Electronic Arts (EA): ".$ea."(".$per_ea.")</li>");
                    echo("<li>Bethesda Softworks: ".$bs."(".$per_bs.")</li>");
                    echo("<li>Ubisoft: ".$u."(".$per_u.")</li>");
                    echo("<ul>");
                    echo("</div>");
            }
        ?>
        </div>
```

3.1.3 index-browse.php

```php
<h1>Browse for games</h1>
<hr/>
<div id="browse">
        <form action="index.php?page=1" method="post">
                <input type="text" id="value" name="value" maxlength="30"
autocomplete="off" placeholder="Search by name"/><br/>
                <select  id="publisher" name="publisher">
                        <option value="0">Publisher</option>
                        <?php
                                $query_1 = "SELECT * FROM publisher ORDER BY
publisher_name;";

                                $result_1 = mysqli_query($connection, $query_1);

                                while($res = mysqli_fetch_array($result_1))
                                {
                                        echo("<option
value='".$res['publisher_id']."'>".$res['publisher_name']."</option>");
                                }
                        ?>
                </select>
                <select id="year" name="year">
                        <option value="0">Year</option>
                        <?php
                                $query_2 = "SELECT * FROM year ORDER BY year;";

                                $result_2 = mysqli_query($connection, $query_2);

                                while($res = mysqli_fetch_array($result_2))
                                {
                                        echo("<option
value='".$res['year_id']."'>".$res['year']."</option>");
                                }
                        ?>
                </select>
                <input type="submit" id="search" name="search" value="Search"/>
        </form>
</div>
<hr/>
<?php
        if(isset($_POST['search']))
        {
                $publisher = $_POST['publisher'];
                $year = $_POST['year'];
                $value = $_POST['value'];
```

```php
            $query_3 = "SELECT * FROM game WHERE game_name LIKE
'%$value%'";

            if($publisher != 0 && $year == 0)
            {
        $query_3 = "SELECT * FROM game g JOIN publisher p ON
g.game_publisher = p.publisher_name WHERE publisher_id = $publisher ORDER
BY game_name" ;
    }
    else if($publisher == 0 && $year != 0)
            {
        $query_3 = "SELECT * FROM game g JOIN year y ON g.game_year =
y.year WHERE year_id = $year ORDER BY game_name";
    }
    else if($publisher != 0 && $year != 0)
            {
        $query_3 = "SELECT * FROM game g JOIN publisher p ON
g.game_publisher = p.publisher_name JOIN year y ON g.game_year = y.year
WHERE publisher_id = $publisher AND year_id = $year ORDER BY game_name";
    }

            @$result_3 = mysqli_query($connection, $query_3);

            if(@mysqli_num_rows($result_3) != 0)
            {
                    while($res = mysqli_fetch_array($result_3))
                    {
                            echo("<div class='game'>");
                            echo("<img src='pictures/games/".$res['game_picture']."'
alt='".$res['game_picture']."'/>");
                            echo("<a
href='index.php?page=6&game=".$res['game_id']."'><span class='text'><p>MORE
DETAILS</p></span></a>");
                            echo("<p>".$res['game_name']."</p>");
                            echo("</div>");
                    }
            }
            else
            {
                    echo("<h2>There is no data in the database.</h2>");
            }
    }
    else
    {
            $start = 0;
            $limit = 9;

            if(isset($_GET['it1']))
            {
```

```php
            $it1 = $_GET['it1'];
            $start = ($it1-1)*$limit;
        }

        $query_3 = "SELECT * FROM game ORDER BY game_name LIMIT
$start, $limit";

        $result_3 = mysqli_query($connection, $query_3);

        if(mysqli_num_rows($result_3) != 0)
        {
            echo("<div id='content'>");
            while($res = mysqli_fetch_array($result_3))
            {
                echo("<div class='game'>");
                echo("<img src='pictures/games/".$res['game_picture']."'
alt='".$res['game_picture']."'/>");
                echo("<a
href='index.php?page=6&game=".$res['game_id']."'><span class='text'><p>MORE
DETAILS</p></span></a>");
                echo("<p>".$res['game_name']."</p>");
                echo("</div>");
            }
            echo("</div>");
            echo("<div class='clear'></div>");
            echo("<hr/>");

            $rows = mysqli_num_rows(mysqli_query($connection,
"SELECT * FROM game ORDER BY game_name"));
            $total = ceil($rows/$limit);

            echo("<div class='pagination'>");
            echo("<ul>");
            if(@$it1 > 1)
            {
                echo("<li><a href='index.php?page=1&it1=".(@$it1-
1)."'><</a></li>");
            }
            for($i=1; $i<=$total; $i++)
            {
                if($i == @$it1)
                {
                    echo ("<li>".$i."</li>");
                }
                else
                {
                    echo ("<li><a
href='index.php?page=1&it1=".$i."'>".$i."</a></li>");
                }
```

```php
                }
                if(@$it1 != $total)
                {
                        echo("<li><a
href='index.php?page=1&it1=".(@$it1+1)."'>></a></li>");
                }
                echo("</ul>");
                echo("</div>");
            }
            else
            {
                    echo("<h2>There is no data in the database.</h2>");
            }
        }
?>
```

<div class="clear"></div>

<hr/>

3.1.4 index-gallery.php

```php
<?php
        if(!$_SESSION['role'])
        {
                header('location:index.php?page=0');
        }
?>
<h1>Enjoy our gallery of in-game screenshots and covers</h1>
<hr/>
<?php
        $start = 0;
        $limit = 9;

        if(isset($_GET['it2']))
        {
                $it2 = $_GET['it2'];
                $start = ($it2-1)*$limit;
        }

        $query_list = "SELECT * FROM gallery LIMIT $start, $limit";
        $result_list = mysqli_query($connection, $query_list);

        echo("<div id='gallery'>");
        while($res = mysqli_fetch_array($result_list))
        {
                echo("<a href='pictures/gallery/".$res['picture_name']."'
target='_blank'>");
                echo("<img src='pictures/gallery/thumbnails/".$res['picture_name']."'
alt='".$res['picture_name']."'/>");
                echo("</a>");
        }
        echo("</div>");
```

```php
        echo("<div class='clear'></div>");
        echo("<hr/>");

        $rows = mysqli_num_rows(mysqli_query($connection, "SELECT * FROM
gallery"));
        $total = ceil($rows/$limit);

        echo("<div class='pagination'>");
        echo("<ul>");
        if(@$it2 > 1)
        {
                echo("<li><a href='index.php?page=2&it2=".(@$it2-1)."'><</a></li>");
        }
        for($i=1; $i<=$total; $i++)
        {
                if($i == @$it2)
                {
                        echo ("<li>".$i."</li>");
                }
                else
                {
                        echo ("<li><a
href='index.php?page=2&it2=".$i."'>".$i."</a></li>");
                }
        }
        if(@$it2 != $total)
        {
                echo("<li><a href='index.php?page=2&it2=".(@$it2+1)."'>></a></li>");
        }
        echo("</ul>");
        echo("</div>");
?>
```

<hr/>3.1.5 index-admin.php

```php
<?php
        if(!$_SESSION['role'] || $_SESSION['role'] == 'user')
        {
                header('location:index.php?page=0');
        }
?>
<h1>Manage website content</h1>
<hr/>
<div id="nav_admin">
        <ul>
                <a href="index.php?page=3&admin=0&ad1=1"><li>Users</li></a>
                <a href="index.php?page=3&admin=1&ad2=1"><li>Games</li></a>
                <a href="index.php?page=3&admin=2&ad3=1"><li>Gallery</li></a>
        </ul>
</div>
```

```php
<?php
	@$admin = $_GET['admin'];
	@$user = $_GET['user'];
	@$game = $_GET['game'];

	if(isset($admin))
	{
		if($admin == 0)
		{
			if(isset($_POST['delete']))
			{
				@$for_delete = $_POST['for_delete'];
				if(isset($_POST['for_delete']))
				{
					foreach($for_delete as $delete)
					{
						$query_delete = "DELETE FROM user WHERE user_id = ".$delete;
						$result_delete = mysqli_query($connection, $query_delete);

						if(!$result_delete)
						{
							echo("<div class='message_up'>");
							echo("<h3 style='color:red'>Error while deleting user(s). - </h3>".mysqli_error());
							echo("</div>");

						}
					}
				}
				else
				{
					echo("<div class='message_up'>");
					echo("<h3>You must first select user(s) for deleting.</h3>");
					echo("</div>");
				}
			}

			if(isset($_POST['insert']))
			{
				$mail = trim($_POST['mail']);
				$username = trim($_POST['username']);
				$password = trim($_POST['password']);

				$errors = array();

				if(empty($mail))
```

```php
			{
				$errors[] = "E-mail field mustn't be empty!";
			}
			if(empty($username))
			{
				$errors[] = "Username field mustn't be empty!";
			}
			if(empty($password))
			{
				$errors[] = "Password field mustn't be empty!";
			}

			if(count($errors) != 0)
			{
				echo("<div class='errors_up'>");
				echo("<ul>");
				foreach($errors as $error)
				{
					echo("<li>".$error."</li>");
				}
				echo("</ul>");
				echo("</div>");
			}
			else
			{
				$query_insert = "INSERT INTO user VALUES('',
'$mail', '$username', md5('$password'), 'user')";
				$result_insert = mysqli_query($connection,
$query_insert);

				echo("<div class='message_up'>");

				if($result_insert)
				{
					echo("<h3>New user added
successfully.</h3>");
				}
				else
				{
					echo("<h3 style='color:red'>Error while
adding user. - </h3>".mysqli_error());
				}

				echo("</div>");
			}
		}

		$start = 0;
		$limit = 10;
```

```php
if(isset($_GET['ad1']))
{
        $ad1 = $_GET['ad1'];
        $start = ($ad1-1)*$limit;
}

$query_list = "SELECT * FROM user WHERE user_role =
'user' ORDER BY user_id LIMIT $start ,$limit";
$result_list = mysqli_query($connection, $query_list);

if(mysqli_num_rows($result_list) == 0)
{
        echo("<div class='message_up'>");
        echo("<h2>There is no data in the database.</h2>");
        echo("</div>");
        echo("<div class='admin'>");
        echo("<form action='index.php?page=3&admin=0'
method='post'>");
        echo("<table>");
        echo("<tr><td align='center'><input type='submit'
name='new' id='new' value='New'/></td></tr>");
        echo("</table>");
        echo("</form>");
        echo("</div>");
}
else
{
        echo("<div class='admin'>");
        echo("<form action='index.php?page=3&admin=0'
method='post'>");
        echo("<table>");
        echo("<tr>");
        echo("<th>ID</th>");
        echo("<th>E-mail</th>");
        echo("<th>Username</th>");
        echo("<th>Delete</th>");
        echo("<th>Update</th>");
        echo("</tr>");

        while($res = mysqli_fetch_array($result_list))
        {
                echo("<tr>");
                echo("<td>".$res['user_id']."</td>");
                echo("<td>".$res['user_mail']."</td>");
                echo("<td>".$res['user_name']."</td>");
                echo("<td><input type='checkbox'
name='for_delete[]' value='".$res['user_id']."'/></td>");
```

```php
                                        echo("<td><a
href='index.php?page=3&user=".$res['user_id']."'>CLICK HERE</a></td>");
                                        echo("</tr>");
                                }
                                echo("<tr><td colspan='5' align='center'><input
type='submit' name='delete' id='delete' value='Delete'/></td></tr>");
                                echo("<tr><td colspan='5' align='center'><input
type='submit' name='new' id='new' value='New'/></td></tr>");

                                echo("</table>");
                                echo("</form>");
                                echo("</div>");
                        }

                        if(isset($_POST['new']))
                        {
                                echo("<div class='admin'>");
                                echo("<form action='index.php?page=3&admin=0'
method='post'>");
                                echo("<table>");
                                echo("<tr>");
                                echo("<td><input type='text' name='mail' id='mail'
placeholder='E-mail'/></td>");
                                echo("<td><input type='text' name='username'
id='username' placeholder='Username'/></td>");
                                echo("<td><input type='text' name='password'
id='password' placeholder='Password'/></td>");
                                echo("</tr>");
                                echo("<tr><td colspan='3' align='center'><input
type='submit' name='insert' id='insert' value='Insert'/></td></tr>");
                                echo("</table>");
                                echo("</form>");
                                echo("</div>");
                        }

                        $rows = mysqli_num_rows(mysqli_query($connection,
"SELECT * FROM user WHERE user_role = 'user'"));
                        $total = ceil($rows/$limit);

                        echo("<div class='pagination'>");
                        echo("<ul>");

                        if(@$ad1 > 1)
                        {
                                echo("<li><a
href='index.php?page=3&admin=0&ad1=".(@$ad1-1)."'><</a></li>");
                        }
                        for($i=1; $i<=$total; $i++)
                        {
```

```php
                               if($i == @$ad1)
                               {
                                       echo ("<li>".$i."</li>");
                               }
                               else
                               {
                                       echo ("<li><a
href='index.php?page=3&admin=0&ad1=".$i."'>".$i."</a></li>");
                               }
                       }
                       if(@$ad1 != $total)
                       {
                               echo("<li><a
href='index.php?page=3&admin=0&ad1=".(@$ad1+1)."'>></a></li>");
                       }

                       echo("</ul>");
                       echo("</div>");
               }
               else if($admin == 1)
               {
                       if(isset($_POST['delete']))
                       {
                               @$for_delete = $_POST['for_delete'];
                               if(isset($_POST['for_delete']))
                               {
                                       foreach($for_delete as $delete)
                                       {
                                               $query_delete = "DELETE FROM game
WHERE game_id = ".$delete;
                                               $result_delete =
mysqli_query($connection, $query_delete);

                                               if(!$result_delete)
                                               {
                                                       echo("<div class='message_up'>");
                                                       echo("<h3 style='color:red'>Error
while deleting game(s). - </h3>".mysqli_error());
                                                       echo("</div>");
                                               }
                                       }
                               }
                               else
                               {
                                       echo("<div class='message_up'>");
                                       echo("<h3>You must first select game(s) for
deleting.</h3>");
                                       echo("</div>");
                               }
```

```php
        }

if(isset($_POST['insert']))
{
        $name = trim($_POST['name']);
        $publisher = trim($_POST['publisher']);
        $year = trim($_POST['year']);
        $file_name = $_FILES['picture']['name'];
        $file_type = $_FILES['picture']['type'];
        $file_tmp = $_FILES['picture']['tmp_name'];
        $text = trim($_POST['text']);
        $trailer = trim($_POST['trailer']);

        $errors = array();

        if(empty($name))
        {
                $errors[] = "Name field mustn't be empty!";
        }
        if(empty($publisher))
        {
                $errors[] = "Publisher field mustn't be empty!";
        }
        if(empty($year))
        {
                $errors[] = "Year field mustn't be empty!";
        }
        if(empty($file_name))
        {
                $errors[] = "Picture must be uploaded!";
        }
        if(empty($text))
        {
                $errors[] = "Text field mustn't be empty!";
        }
        if(empty($trailer))
        {
                $errors[] = "Trailer link field mustn't be empty!";
        }

        if(count($errors) != 0)
        {
                echo("<div class='errors_up'>");
                echo("<ul>");
                foreach($errors as $error)
                {
                        echo("<li>".$error."</li>");
                }
                echo("</ul>");
```

```php
                                echo("</div>");
                        }
                        else
                        {
                                if($file_type == "image/jpeg" || $file_type ==
"image/jpg")
                                {
                                        if(move_uploaded_file($file_tmp,
"pictures/games/".$file_name))
                                        {
                                                $query_insert = "INSERT INTO
game VALUES('', '$name', '$publisher', $year, '$file_name', '$text', '$trailer')";
                                                $result_insert =
mysqli_query($connection, $query_insert);
                                        }

                                        echo("<div class='message_up'>");

                                        if($result_insert)
                                        {
                                                echo("<h3>New game added
successfully.</h3>");
                                        }
                                        else
                                        {
                                                echo("<h3 style='color:red'>Error
while adding game. - </h3>".mysqli_error());
                                        }

                                        echo("</div>");
                                }
                        }
                }

                $start = 0;
                $limit = 10;

                if(isset($_GET['ad2']))
                {
                        $ad2 = $_GET['ad2'];
                        $start = ($ad2-1)*$limit;
                }

                $query_list = "SELECT * FROM game ORDER BY
game_name LIMIT $start ,$limit";
                $result_list = mysqli_query($connection, $query_list);

                if(mysqli_num_rows($result_list) == 0)
                {
```

```php
                    echo("<div class='message_up'>");
                    echo("<h2>There is no data in the database.</h2>");
                    echo("</div>");
                    echo("<div class='admin'>");
                    echo("<form action='index.php?page=3&admin=1'
method='post'>");
                    echo("<table>");
                    echo("<tr><td align='center'><input type='submit'
name='new' id='new' value='New'/></td></tr>");
                    echo("</table>");
                    echo("</form>");
                    echo("</div>");
            }
            else
            {
                    echo("<div class='admin'>");
                    echo("<form action='index.php?page=3&admin=1'
method='post'>");
                    echo("<table>");
                    echo("<tr>");
                    echo("<th>ID</th>");
                    echo("<th>Name</th>");
                    echo("<th>Publisher</th>");
                    echo("<th>Year</th>");
                    echo("<th>Preview</th>");
                    echo("<th>Delete</th>");
                    echo("<th>Update</th>");
                    echo("</tr>");

                    while($res = mysqli_fetch_array($result_list))
                    {
                            echo("<tr>");
                            echo("<td>".$res['game_id']."</td>");
                            echo("<td>".$res['game_name']."</td>");
                            echo("<td>".$res['game_publisher']."</td>");
                            echo("<td>".$res['game_year']."</td>");
                            echo("<td><img
src='pictures/games/".$res['game_picture']."' width='100' height='150'/></td>");
                            echo("<td><input type='checkbox'
name='for_delete[]' value='".$res['game_id']."'/></td>");
                            echo("<td><a
href='index.php?page=3&game=".$res['game_id']."'>CLICK HERE</a></td>");
                            echo("</tr>");
                    }
                    echo("<tr><td colspan='7' align='center'><input
type='submit' name='delete' id='delete' value='Delete'/></td></tr>");
                    echo("<tr><td colspan='7' align='center'><input
type='submit' name='new' id='new' value='New'/></td></tr>");
```

```php
				echo("</table>");
				echo("</form>");
				echo("</div>");
			}

			if(isset($_POST['new']))
			{
				echo("<div class='admin'>");
				echo("<form action='index.php?page=3&admin=1'
method='post' enctype='multipart/form-data'>");
				echo("<table>");
				echo("<tr>");
				echo("<td><input type='text' name='name' id='name'
placeholder='Name'/></td>");
				echo("<td><input type='text' name='publisher'
id='publisher' placeholder='Publisher'/></td>");
				echo("<td><input type='text' name='year' id='year'
placeholder='Year'/></td>");
				echo("</tr>");
				echo("<tr>");
				echo("<td><input type='file' name='picture'
id='picture'/></td>");
				echo("<td><textarea name='text' id='text'
placeholder='Text'></textarea></td>");
				echo("<td><input type='text' name='trailer' id='trailer'
placeholder='Trailer link'/></td>");
				echo("</tr>");
				echo("<tr><td colspan='3' align='center'><input
type='submit' name='insert' id='insert' value='Insert'/></td></tr>");
				echo("</table>");
				echo("</form>");
				echo("</div>");
			}

			$rows = mysqli_num_rows(mysqli_query($connection,
"SELECT * FROM game"));
			$total = ceil($rows/$limit);

			echo("<div class='pagination'>");
			echo("<ul>");

			if(@$ad2 > 1)
			{
				echo("<li><a
href='index.php?page=3&admin=1&ad2=".(@$ad2-1)."'><</a></li>");
			}
			for($i=1; $i<=$total; $i++)
			{
				if($i == @$ad2)
```

```php
				{
					echo ("<li>".$i."</li>");
				}
				else
				{
					echo ("<li><a
href='index.php?page=3&admin=1&ad2=".$i."'>".$i."</a></li>");
				}
			}
			if(@$ad2 != $total)
			{
				echo("<li><a
href='index.php?page=3&admin=1&ad2=".(@$ad2+1)."'>></a></li>");
			}

			echo("</ul>");
			echo("</div>");
		}
		else if($admin == 2)
		{
			if(isset($_POST['delete']))
			{
				@$for_delete = $_POST['for_delete'];
				if(isset($_POST['for_delete']))
				{
					foreach($for_delete as $delete)
					{
						$query_delete = "DELETE FROM gallery
WHERE picture_id = ".$delete;
						$result_delete =
mysqli_query($connection, $query_delete);

						if(!$result_delete)
						{
							echo("<div class='message_up'>");
							echo("<h3 style='color:red'>Error
while deleting picture(s). - </h3>".mysqli_error());
							echo("</div>");
						}
					}
				}
				else
				{
					echo("<div class='message_up'>");
					echo("<h3>You must first select picture(s) for
deleting.</h3>");
					echo("</div>");
				}
			}
```

```php
if(isset($_POST['insert']))
{
        $file_name = $_FILES['picture']['name'];
        $file_type = $_FILES['picture']['type'];
        $file_tmp = $_FILES['picture']['tmp_name'];

        $errors = array();

        if(empty($file_name))
        {
                $errors[] = "Picture must be uploaded!";
        }

        if(count($errors) != 0)
        {
                echo("<div class='errors_up'>");
                echo("<ul>");
                foreach($errors as $error)
                {
                        echo("<li>".$error."</li>");
                }
                echo("</ul>");
                echo("</div>");
        }
        else
        {
                if($file_type == "image/jpeg" || $file_type ==
"image/jpg")
                {

                        $fileName = time().$file_name;

                        if(move_uploaded_file($file_tmp,
"pictures/gallery/".$fileName))
                        {
                                include("include/function.inc");

        thumbnail("pictures/gallery/".$fileName,
"pictures/gallery/thumbnails/".$fileName, 274, 274);

                                $query_insert = "INSERT INTO
gallery VALUES('', '$fileName')";
                                $result_insert =
mysqli_query($connection, $query_insert);
                        }

                        echo("<div class='message_down'>");
```

```php
                                    if($result_insert)
                                    {
                                            echo("<h3>New picture added
successfully.</h3>");
                                    }
                                    else
                                    {
                                            echo("<h3 style='color:red'>Error
while adding picture. - </h3>".mysqli_error());
                                    }

                                    echo("</div>");
                            }
                    }
            }

            $start = 0;
            $limit = 10;

            if(isset($_GET['ad3']))
            {
                    $ad3 = $_GET['ad3'];
                    $start = ($ad3-1)*$limit;
            }

            $query_list = "SELECT * FROM gallery ORDER BY picture_id
LIMIT $start, $limit";
            $result_list = mysqli_query($connection, $query_list);

            if(mysqli_num_rows($result_list) == 0)
            {
                    echo("<div class='message_up'>");
                    echo("<h2>There is no data in the database.</h2>");
                    echo("</div>");
                    echo("<div class='admin'>");
                    echo("<form action='index.php?page=3&admin=2'
method='post'>");
                    echo("<table>");
                    echo("<tr><td align='center'><input type='submit'
name='new' id='new' value='New'/></td></tr>");
                    echo("</table>");
                    echo("</form>");
                    echo("</div>");
            }
            else
            {
                    echo("<div class='admin'>");
                    echo("<form action='index.php?page=3&admin=2'
method='post'>");
```

```php
echo("<table>");
echo("<tr>");
echo("<th>ID</th>");
echo("<th>Name</th>");
echo("<th>Preview</th>");
echo("<th>Delete</th>");
echo("</tr>");

while($res = mysqli_fetch_array($result_list))
{
        echo("<tr>");
        echo("<td>".$res['picture_id']."</td>");
        echo("<td>".$res['picture_name']."</td>");
        echo("<td><img
src='pictures/gallery/thumbnails/".$res['picture_name']."' width='150'
height='100'/></td>");
        echo("<td><input type='checkbox'
name='for_delete[]' value='".$res['picture_id']."'/></td>");
        echo("</tr>");
}
echo("<tr><td colspan='4' align='center'><input
type='submit' name='delete' id='delete' value='Delete'/></td></tr>");
echo("<tr><td colspan='4' align='center'><input
type='submit' name='new' id='new' value='New'/></td></tr>");

echo("</table>");
echo("</form>");
echo("</div>");
}

if(isset($_POST['new']))
{
        echo("<div class='admin'>");
        echo("<form action='index.php?page=3&admin=2'
method='post' enctype='multipart/form-data'>");
        echo("<table>");
        echo("<tr><td><input type='file' name='picture'
id='picture'/></td></tr>");
        echo("<tr><td align='center'><input type='submit'
name='insert' id='insert' value='Insert'/></td></tr>");
        echo("</table>");
        echo("</form>");
        echo("</div>");
}

$rows = mysqli_num_rows(mysqli_query($connection,
"SELECT * FROM gallery"));
$total = ceil($rows/$limit);
```

```php
                        echo("<div class='pagination'>");
                        echo("<ul>");

                        if(@$ad3 > 1)
                        {
                                echo("<li><a
href='index.php?page=3&admin=2&ad3=".(@$ad3-1)."'><</a></li>");
                        }
                        for($i=1; $i<=$total; $i++)
                        {
                                if($i == @$ad3)
                                {
                                        echo ("<li>".$i."</li>");
                                }
                                else
                                {
                                        echo ("<li><a
href='index.php?page=3&admin=2&ad3=".$i."'>".$i."</a></li>");
                                }
                        }
                        if(@$ad3 != $total)
                        {
                                echo("<li><a
href='index.php?page=3&admin=2&ad3=".(@$ad3+1)."'>></a></li>");
                        }

                        echo("</ul>");
                        echo("</div>");
                }
        }
        else if(isset($user))
        {
                echo("<div class='admin'>");
                echo("<form action='index.php?page=3&user=".$user."'
method='post'>");
                echo("<table>");
                echo("<tr>");
                echo("<td><input type='text' name='mail' id='mail' placeholder='E-
mail'/></td>");
                echo("<td><input type='text' name='username' id='username'
placeholder='Username'/></td>");
                echo("<td><input type='text' name='password' id='password'
placeholder='Password'/></td>");
                echo("</tr>");
                echo("<tr><td colspan='3' align='center'><input type='submit'
name='update' id='update' value='Update'/><input type='hidden' name='id_user'
id='id_user' value='".$user."'/></td></tr>");
                echo("</table>");
                echo("</form>");
```

```php
			echo("</div>");

		if(isset($_POST['update']))
		{
			$mail = trim($_POST['mail']);
			$username = trim($_POST['username']);
			$password = trim($_POST['password']);

			$query = "SELECT * FROM user WHERE user_id = ".$user;
			$result = mysqli_query($connection, $query);
			$res = mysqli_fetch_array($result);

			if(empty($mail))
			{
				$mail = mysqli_real_escape_string($connection,
$res['user_mail']);
			}
			if(empty($username))
			{
				$username = $res['user_name'];
			}
			if(empty($password))
			{
				$password = $res['user_password'];
			}
			else
			{
				$password = md5($password);
			}

			$query_update = "UPDATE user SET user_mail = '".$mail."',
user_name = '".$username."', user_password = '".$password."' WHERE user_id =
".$user;
			$result_update = mysqli_query($connection, $query_update);

			echo("<div class='message_down'>");

			if($result_update)
			{
				echo("<h3>User updated successfully.</h3>");
			}
			else
			{
				echo("<h3 style='color:red'>Error while updating user. -
</h3>".mysqli_error());
			}

			echo("</div>");
		}
```

```php
			}
		else if(isset($game))
		{
			echo("<div class='admin'>");
			echo("<form action='index.php?page=3&game=".$game."'
method='post' enctype='multipart/form-data'>");
			echo("<table>");
			echo("<tr>");
			echo("<td><input type='text' name='name' id='name'
placeholder='Name'/></td>");
			echo("<td><input type='text' name='publisher' id='publisher'
placeholder='Publisher'/></td>");
			echo("<td><input type='text' name='year' id='year'
placeholder='Year'/></td>");
			echo("</tr>");
			echo("<tr>");
			echo("<td><input type='file' name='picture' id='picture'/></td>");
			echo("<td><textarea name='text' id='text'
placeholder='Text'></textarea></td>");
			echo("<td><input type='text' name='trailer' id='trailer'
placeholder='Trailer link'/></td>");
			echo("</tr>");
			echo("<tr><td colspan='3'><input type='submit' name='update'
id='update' value='Update'/><input type='hidden' name='id_game' id='id_game'
value='".$game."'/></td></tr>");
			echo("</table>");
			echo("</form>");
			echo("</div>");

			if(isset($_POST['update']))
			{
				$name = trim($_POST['name']);
				$publisher = trim($_POST['publisher']);
				$year = trim($_POST['year']);
				$file_name = $_FILES['picture']['name'];
				$file_type = $_FILES['picture']['type'];
				$file_tmp = $_FILES['picture']['tmp_name'];
				$text = trim($_POST['text']);
				$trailer = trim($_POST['trailer']);

				$query = "SELECT * FROM game WHERE game_id =
".$game;
				$result = mysqli_query($connection, $query);
				$res = mysqli_fetch_array($result);

				if(empty($name))
				{
					$name = mysqli_real_escape_string($connection,
$res['game_name']);
```

```php
                }
                if(empty($publisher))
                {
                        $publisher = $res['game_publisher'];
                }
                if(empty($year))
                {
                        $year = $res['game_year'];
                }
                if(empty($text))
                {
                        $text = mysqli_real_escape_string($connection,
$res['game_text']);
                }
                if(empty($trailer))
                {
                        $trailer = mysqli_real_escape_string($connection,
$res['game_trailer']);
                }

        echo("<div class='message_down'>");

        if(empty($file_name))
        {
                $file_name = $res['game_picture'];

                $query_update = "UPDATE game SET game_name =
'$name', game_publisher = '$publisher', game_year = $year, game_picture =
'$file_name', game_text = '$text', game_trailer = '$trailer' WHERE game_id =
".$game;
                $result_update = mysqli_query($connection,
$query_update);

                if($result_update)
                {
                        echo("<h3>Game updated successfully.</h3>");
                }
                else
                {
                        echo("<h3 style='color:red'>Error while updating
game. - </h3>".mysqli_error());
                }
        }
        else if($file_type == "image/jpeg" || $file_type == "image/jpg")
        {
                if(move_uploaded_file($file_tmp,
"pictures/games/".$file_name))
                {
```

```php
                                        $query_update = "UPDATE game SET
game_name = '$name', game_publisher = '$publisher', game_year = $year,
game_picture = '$file_name', game_text = '$text', game_trailer = '$trailer' WHERE
game_id = ".$game;
                                        $result_update = mysqli_query($connection,
$query_update);

                                        if($result_update)
                                        {
                                                echo("<h3>Game updated
successfully.</h3>");
                                        }
                                        else
                                        {
                                                echo("<h3 style='color:red'>Error while
updating game. - </h3>".mysqli_error());
                                        }
                                }
                                else
                                {
                                        echo("<h3 style='color:red'>Error while uploading
picture. - </h3>".mysqli_error());
                                }
                        }
                        else
                        {
                                echo("<h3 style='color:red'>Wrong picture format. Must
be '.jpg' or '.jpeg'.</h3>");
                        }

                        echo("</div>");
                }
        }
        else
        {
                echo("<div class='message_up'>");
                echo("<h2>Select a section to manage.</h2>");
                echo("</div>");
        }
?>
```

<hr/>### 3.1.6 index-about.php

```html
<h1>About me</h1>
<hr/>
        <div id="about">
                <img src="pictures/profile.jpg" class="profile"/>
                <p>My name is Bogdan Matorkić (student number 30/13) and I am currently
studying Internet Technologies on ICT College of Vocational Studies, extended year in
```

Belgrade. I have interest and knowledge in front-end programming and I am eager to always learn something new. Feel free to contact me for anything.</p>

        </div>
<hr/>
<div class="clear"></div>
<?php
        if(@$_SESSION['role'])
        {
                echo("<div id='poll'>");
                echo("<h3>What do You think about my website?</h3>
");
                echo("<from>");
                echo("It's good: <input type='radio' name='vote' value='0' onclick='getVote(this.value)'>

");
                echo("It's bad: <input type='radio' name='vote' value='1' onclick='getVote(this.value)'>");
                echo("</form>");
                echo("</div>");
        }
?>

3.1.7 index-game.php

<hr/>
<?php
        $game = $_GET['game'];

        $query_game = "SELECT * FROM game WHERE game_id = $game";

        $result_game = mysqli_query($connection, $query_game);

        $res = mysqli_fetch_array($result_game);

        echo("<div id='game'>");
        echo("");
        echo("<div id='information'>");
        echo("<h1>".$res['game_name']."</h1>");
        echo("<h3>".$res['game_publisher']."</h3>");
        echo("<h3>".$res['game_year']."</h3>");
        echo("<p>".$res['game_text']."</p>");
        echo("</div>");
        echo("<iframe src='".$res['game_trailer']."' allowfullscreen></iframe>");

```
        echo("<br/>");
        echo("<br/>");
        echo("<br/>");
        echo("<a href='index.php?page=1&it1=1'><b>BACK TO BROWSE</b></a>");
        echo("</div>");
?>
<div class="clear"></div>
<hr/>
```

3.1.8 index-login.php

```
<h1>For more features, please login</h1>
<hr/>
<div id="registration">
        <div id="form_left">
                <form action="index.php?page=5" method="post" class="form">
                        <input type="text" placeholder="Username" name="username_l"
id="username_l"/>
                        <input type="password" placeholder="Password"
name="password_l" id="password_l"/>
                        <input type="submit" value="Login" id="login" name="login"/>
                </form>
                <h3>Don't have an account? <a onClick="reveal()">REGISTER</a></h3>
        </div>
        <div id="form_right">
                <form action="index.php?page=5" method="post" class="form">
                        <input type="text" placeholder="E-mail" name="mail_r"
id="mail_r"/>
                        <input type="text" placeholder="Username" name="username_r"
id="username_r"/>
                        <input type="password" placeholder="Password"
name="password_r" id="password_r"/>
                        <input type="password" placeholder="Confirm Password"
name="c_password_r" id="c_password_r"/>
                        <input type="submit" value="Register" id="register"
name="register"/>
                </form>
        </div>
</div>
<hr/>
<div class="clear"></div>
<?php include("include/login.php"); ?>
<?php include("include/register.php"); ?>
```

3.1.9 login.php

```
<?php
        if(isset($_POST['login']))
        {
                $username_l = addslashes(trim($_POST['username_l']));
```

```php
        $password_l = addslashes(trim($_POST['password_l']));

        $query_login = "SELECT * FROM user WHERE user_name =
'".$username_l."' AND user_password = '".md5($password_l)."'";

        $result_login = mysqli_query($connection, $query_login);

        if(mysqli_num_rows($result_login) != 0)
        {
                $res_l = mysqli_fetch_array($result_login);
                $_SESSION['role'] = $res_l['user_role'];
                $_SESSION['user'] = $res_l['user_name'];
                header('location:index.php?page=0');
        }
        else
        {
                echo("<div class='message_down'>");
                echo("<h3 style='color:red'>Username and password don't match,
please try again.</h3>");
                echo("</div>");
        }
    }
?>
```

3.1.10 register.php

```php
<?php
    if(isset($_POST['register']))
    {
            $mail_r = addslashes(trim($_POST['mail_r']));
            $username_r = addslashes(trim($_POST['username_r']));
            $password_r = addslashes(trim($_POST['password_r']));
            $c_password_r = addslashes(trim($_POST['c_password_r']));

            $regMail = "/^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/";
            $regUsername = "/^[a-zA-Z0-9]{3,15}$/";
            $regPassword = "/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{6,}$/";

            $errors = array();

            if(!preg_match($regMail, $mail_r))
            {
                    $errors[] = "E-mail address is not in valid format!";
            }
            if(!preg_match($regUsername, $username_r))
            {
                    $errors[] = "Username is not in valid format! Username must be
between 3 and 15 characters!";
```

```php
            }
            if(!preg_match($regPassword, $password_r))
            {
                    $errors[] = "Password is not in valid format! Password must contain
at least 1 alphabet and 1 numerical character and must be 6 characters or more!";
            }
            if($c_password_r != $password_r)
            {
                    $errors[] = "Your passwords don't match!";
            }

            if(count($errors) != 0)
            {
                    echo("<div class='errors_down'>");
                    echo("<ul>");
                    foreach($errors as $error)
                    {
                            echo("<li>".$error."</li>");
                    }
                    echo("</ul>");
                    echo("</div>");
            }
            else
            {
                    echo("<div class='message_down'>");

                    $query_register = "INSERT INTO user VALUES('', '$mail_r',
'$username_r', md5('$password_r'), 'user');";
                    $result_register = mysqli_query($connection, $query_register);

                    if(!$result_register)
                    {
                            echo("<h3 style='color:red'>Error during registration! -
</h3>".mysqli_error());
                    }
                    else
                    {
                            echo("<h3>User successfully registered!</h3>");
                    }

                    echo("</div>");
            }
        }
?>
```

3.1.11 logout.php

```php
<?php
```

```php
        session_start();

        if(isset($_SESSION['role']))
        {
                unset($_SESSION['role']);
                unset($_SESSION['user']);

                session_destroy();
                header('location: ../index.php?page=5');
        }
        else
        {
                header('location: ../index.php?page=5');
        }
?>
```

3.1.11 connection.php

```php
<?php
        $connection = mysqli_connect('localhost', 'root', '') or die("Connection error with
database server! - ".mysqli_error());

        $database = mysqli_select_db($connection, 'website') or die("Database selection
error! - ".mysqli_error());

        mysqli_set_charset($connection, 'utf8');
?>
```

3.1.12 function.php – PREUZET KOD IZ SKOLE

```php
<?php
        function thumbnail($name, $filename, $new_w, $new_h)
        {
                $system=explode('.', $name);
                if (preg_match('/jpg|jpeg/i', $system[1]))
                {
                        $src_img = imagecreatefromjpeg($name);
                }
                if (preg_match('/png/i', $system[1]))
                {
                        $src_img = imagecreatefrompng($name);
                }

                $old_x = imageSX($src_img);
                $old_y = imageSY($src_img);
                if ($old_x > $old_y)
                {
                        $thumb_w = $new_w;
                        $thumb_h = $old_y*($new_h/$old_x);
                }
```

```php
            if ($old_x < $old_y)
            {
                    $thumb_w = $old_x*($new_w/$old_y);
                    $thumb_h = $new_h;
            }
            if ($old_x == $old_y)
            {
                    $thumb_w = $new_w;
                    $thumb_h = $new_h;
            }

            $dst_img = imagecreatetruecolor($thumb_w, $thumb_h);
            imagecopyresampled($dst_img, $src_img, 0, 0, 0, 0, $thumb_w,
$thumb_h, $old_x, $old_y);


            if (preg_match("/png/i", $system[1]))
            {
                    imagepng($dst_img, $filename);
            }
            else
            {
                    imagejpeg($dst_img, $filename);
            }
            imagedestroy($dst_img);
            imagedestroy($src_img);
        }
?>
```

3.1.11 poll_vote.php – PREUZETO SA INTERNETA

```php
<?php
    $vote = $_REQUEST['vote'];

    $filename = "poll_result.txt";
    $content = file($filename);

    @$array = explode("||", $content[0]);
    @$yes = $array[0];
    @$no = $array[1];

    if ($vote == 0)
    {
            $yes = $yes + 1;
    }
    if ($vote == 1)
    {
            $no = $no + 1;
```

```php
        }

        $insertvote = $yes."||".$no;
        $fp = fopen($filename, "w");
        fputs($fp, $insertvote);
        fclose($fp);
?>
<h2>Result:</h2>
<table>
        <tr>
                <td>It's good: </td>
                <td><?php echo(100 * round($yes / ($no + $yes), 2));?>%</td>
        </tr>
        <tr>
                <td>It's bad: </td>
                <td><?php echo(100 * round ($no / ( $no + $yes), 2));?>%</td>
        </tr>
</table>
```

3.2. CSS

3.2.1 style.css

```css
*
{
        margin: 0px;
        padding: 0px;
}
body
{
        font-family: "Century Gothic";
        background: url("../pictures/general/pattern.jpg") repeat;
}
a
{
        text-decoration: none;
        cursor: pointer;
}
#wrapper
{
        width: 100%;
        min-height: 500px;
}
nav
{
        position: fixed;
```

```css
		margin: 0 auto;
		top: 0;
		width: 100%;
		height: 100px;
		background: #232323;
		border-bottom: 1px solid black;
		z-index: 1;
}
#logo
{
		float: left;
		margin: 10px 10px 10px 20px;
		width: 80px;
		height: 80px;
		background: url("../pictures/general/logo.png");
}
#menu_left, #menu_right
{
		float: left;
		width: 750px;
		height: 100px;
}
#menu_right
{
		float: right;
		width: 350px;
}
#menu_left ul, #menu_right ul
{
		margin: 40px;
		list-style: none;
		float: left;
}
#menu_right ul
{
		float: right;
}
#menu_left ul li
{
		margin-left: 20px;
		display: inline;
}
#menu_left ul li a, #menu_right ul li a
{
		color: black;
		font-size: 20px;
```

```css
        font-weight: bold;
        -o-transition: .5s;
        -ms-transition: .5s;
        -moz-transition: .5s;
        -webkit-transition: .5s;
        transition: .5s;
}
#menu_left ul li a:hover, #menu_right ul li a:hover
{
        color: #CCCCCC;
}
header
{
        margin: 0 auto;
        margin-top: 150px;
        width: 128px;
        height: 128px;
        background: url("../pictures/general/header.png");
}
main
{
        margin: 0 auto;
        padding: 50px;
        width: 900px;
        min-height: 500px;
        text-align: center;
        color: #CCCCCC;
}
hr
{
        margin: 50px 0px 50px 0px;
}
#slider
{
        position: relative;
        margin: 0 auto;
        width: 900px;
        height: 506px;
        border: 1px solid black;
}
.slide
{
   display: none;
}
.fade
{
```

```css
        -webkit-animation-name: fade;
        -webkit-animation-duration: 1.5s;
        animation-name: fade;
        animation-duration: 1.5s;
}
@-webkit-keyframes fade
{
        from {opacity: .4}
        to {opacity: 1}
}
@keyframes fade
{
        from {opacity: .4}
        to {opacity: 1}
}
#voting
{
        margin: 0 auto;
        margin-top: 50px;
        width: 100%;
        min-height: 100px;
}
#voting a
{
        color: #CCCCCC;
}
#voting table
{
        margin: 0 auto;
        margin-top: 50px;
        width: 300px;
        background-color: rgba(204, 204, 204, 0.3);
        color: black;
        text-align: left;
        border-radius: 15px;
        border: 3px solid green;
}
#voting table tr
{
        padding: 5px;
        border: 1px solid black;
}
#voting table tr td
{
        padding: 5px;
        border-radius: 15px;
```

```css
}
#voting input[type=submit]
{
        margin: 10px;
        width: 75px;
        height: 50px;
        background-color: #CCCCCC;
        cursor: pointer;
        border-radius: 5px;
}
#voting input[type=submit]:hover
{
        background-color: green;
        font-weight: bold;
}
#results
{
        margin: 0 auto;
        margin-top: 50px;
        width: 300px;
        height: 100px;
}
#results ul
{
        list-style: none;
}
#results ul li
{
        margin: 10px;
}
.game
{
        position: relative;
        float: left;
        margin: 35px;
        padding: 10px;
        width: 210px;
        height: 315px;
        background-color: black;
        border-radius: 5px;
}
.game p
{
        margin-top: 20px;
        font-weight: bold;
}
```

```css
.game img
{
        max-width: 100%;
    height: 100%;
}
span.text
{
        position: absolute;
        margin-bottom: 10px;
        bottom: 0;
        width: 210px;
        height: 315px;
        display: block;
        background: rgba(0, 0, 0, 0.5);
        color: white;
        opacity: 0;
        -webkit-transition: opacity 500ms;
        -moz-transition: opacity 500ms;
        -ms-transition: opacity 500ms;
        -o-transition: opacity 500ms;
        transition: opacity 500ms;
}
span.text:hover
{
        opacity: 1;
}
span.text p
{
        margin-top: 275px;
        bottom: 0;
        font-size: 20px;
        font-weight: bold;
        color: white;
}
.clear
{
        clear: both;
}
#browse
{
        margin: 0 auto;
        width: 100%;
        height: 105px;
}
#browse select
{
```

```css
        margin: 10px;
        padding: 5px;
        width: 200px;
        height: 50px;
        background-color: #232323;
        color: #CCCCCC;
        border-radius: 5px;
        border: 1px solid #CCCCCC;
}
#browse input[type=submit]
{
        margin: 10px;
        width: 100px;
        height: 50px;
        background-color: #6AC045;
        cursor: pointer;
        border-radius: 5px;
}
#browse input[type=submit]:hover
{
        background-color: #60A93C;
}
#browse input[type=text]
{
        padding: 8px 8px 8px 45px;
        width: 550px;
   box-sizing: border-box;
   background-color: #232323;
   background-image: url("../pictures/general/search.png");
        background-position: 10px;
   background-repeat: no-repeat;
        color: white;
        font-size: 20px;
        border-radius: 5px;
        border: 2px solid black;
}
#browse input[type=text]:focus
{
        border: 2px solid #CCCCCC;
        -webkit-transition: .5s;
        -moz-transition: .5s;
        -ms-transition: .5s;
        -o-transition: .5s;
        transition: .5s;
}
#game
```

```css
{
        margin: 0 auto;
        width: 100%;
        min-height: 350px;
}
#game img
{
        float: left;
        width: 210px;
        height: 315px;
        border-radius: 2px;
        border: 2px solid black;
}
#game a
{
        margin-top: 5px;
        color: black;
}
#game a:hover
{
        color: white;
        -webkit-transition: .5s;
        -moz-transition: .5s;
        -ms-transition: .5s;
        -o-transition: .5s;
        transition: .5s;
}
#information
{
        float: left;
        padding-left: 10px;
        width: 650px;
        min-height: 250px;
}
#information h1
{
        text-align: left;
}
#information h3, #information p
{
        margin-top: 15px;
        text-align: left;
}
#information p
{
        width: 100%;
```

```css
        height: 180px;
        overflow-y: scroll;
}
iframe
{
        margin: 0 auto;
        margin-top: 50px;
        width: 100%;
        height: 450px;
}
#gallery
{
        margin: 0 auto;
        width: 100%;
        min-height: 100px;
}
#gallery img
{
        float: left;
        margin: 10px;
        border: 3px solid black;
}
#nav_admin
{
        margin: 0 auto;
        width: 100%;
        height: 110px;
        font-size: 20px;
}
#nav_admin ul li
{
        padding: 20px;
        display: inline-block;
        width: 100px;
        background-color: #232323;
        list-style: none;
}
#nav_admin ul li:hover
{
        background-color: #CCCCCC;
        -webkit-transition: .5s;
        -moz-transition: .5s;
        -ms-transition: .5s;
        -o-transition: .5s;
        transition: .5s;
}
```

```css
#nav_admin ul a li
{
        font-weight: bold;
        color: black;
}
.admin
{
        margin: 0 auto;
        width: 100%;
}
.admin table
{
        width: 100%;
        margin: 0 auto;
        background-color: #CCCCCC;
        color: black;
        border: 5px solid black;
}
.admin table tr
{
        padding: 5px;
}
.admin table tr td
{
        padding: 5px;
        border: 2px solid #232323;
}
.admin a
{
        color: black;
}
.admin a:hover
{
        color: white;
}
.admin input[type=text], .admin input[type=password], .admin textarea
{
        padding: 8px;
        width: 100%;
   box-sizing: border-box;
        background-color: white;
        color: black;
        font-size: 15px;
}
.admin    input[type=text]:focus,    .admin    input[type=password]:focus,    .admin
textarea:focus
```

```css
{
        border: 2px solid green;
        -webkit-transition: .5s;
        -moz-transition: .5s;
        -ms-transition: .5s;
        -o-transition: .5s;
        transition: .5s;
}
.admin input[type=submit]
{
        width: 75px;
        height: 35px;
        cursor: pointer;
        border-radius: 5px;
}
.admin input[type=submit]:hover
{
        background-color: grey;
}
#about
{
        margin: 0 auto;
        width: 800px;
        min-height: 270px;
        text-align: center;
}
.profile
{
        float: left;
        margin-right: 50px;
        width: 250px;
        height: 267px;
        border-radius: 5px;
        border: 3px solid black;
}
.social
{
        float: left;
        margin: 50px 0px 0px 85px;
        width: 50px;
        height: 50px;
}
#poll
{
        margin: 0 auto;
        width: 100%;
```

```css
		min-height: 50px;
}
#poll table
{
		margin: 0 auto;
		margin-top: 50px;
		color: #CCCCCC;
		text-align: center;
}
#poll table tr td
{
		padding: 5px;
}
#registration
{
		margin: 0 auto;
		margin-left: 300px;
		width: 600px;
		height: 350px;
		-webkit-transition: 1s;
		-moz-transition: 1s;
		-ms-transition: 1s;
		-o-transition: 1s;
		transition: 1s;
}
#registration a
{
		color: #6AC045;
}
#registration a:hover
{
		color: #60A93C;
}
#registration h3
{
		margin-top: 25px;
}
#form_left, #form_right
{
		float: left;
		margin: 0 auto;
		width: 300px;
		text-align: center;
}
#form_right
{
```

```css
        float: right;
        visibility: hidden;
        opacity: 0;
        transition: opacity 1s linear;
}
.form
{
        margin: 0 auto;
        width: 250px;
}
.form input[type=text], .form input[type=password], .form input[type=submit]
{
        margin-top: 25px;
        padding: 8px 8px 8px 8px;
        width: 250px;
    box-sizing: border-box;
        font-size: 20px;
        color: #CCCCCC;
    background-color: #232323;
        border-radius: 5px;
}
.form input[type=submit]
{
        width: 100px;
        color: black;
        background-color: #6AC045;
        cursor: pointer;
}
.form input[type=text]:focus, .form input[type=password]:focus
{
        border: 2px solid #60A93C;
        -webkit-transition: .5s;
        -moz-transition: .5s;
        -ms-transition: .5s;
        -o-transition: .5s;
        transition: .5s;
}
.form input[type=submit]:hover
{
        background-color: #60A93C;
}
footer
{
        width: 100%;
        height: 75px;
        text-align: center;
```

```css
        background-color: #232323;
        border-top: 1px solid black;
}
footer ul
{
        margin: 14px;
        text-align: center;
}
footer ul li
{
        display: inline-block;
        margin: 0px 10px;
        list-style: none;
}
footer ul li a
{
        color: black;
}
footer ul li a:hover
{
        color: #CCCCCC;
}
.errors_up, .errors_down
{
        margin: 0 auto;
        margin-bottom: 50px;
        width: 100%;
        text-align: center;
        font-size: 20px;
        color: red;
}
.errors_down
{
        margin-top: 50px;
}
.errors_up ul, .errors_down ul
{
        list-style: none;
}
.message_up, .message_down
{
        margin: 0 auto;
        margin-bottom: 50px;
        width: 100%;
        text-align: center;
}
```

```css
.message_down
{
        margin-top: 50px;
}
.pagination
{
        margin: 0 auto;
        margin-top: 50px;
        min-width: 100px;
        background-color: rgba(0, 0, 0, 0.3);
        font-size: 20px;
}
.pagination ul
{
        list-style: none;
}
.pagination ul li
{
        display: inline;
        margin: 10px;
}
.pagination ul li a
{
        width: 50px;
        display: inline-block;
        background-color: #CCCCCC;
        color: black;
        border-radius: 5px;
}
.pagination ul li a:hover
{
        font-weight: bold;
}
```

3.3 JavaScript/JQuery

3.3.1 script.js

```javascript
var slideIndex = 0;
showSlides();
function showSlides()
{
   var i;
   var slides = document.getElementsByClassName("slide");
   for (i = 0; i < slides.length; i++)
       {
      slides[i].style.display = "none";
   }
```

```
slideIndex++;
if (slideIndex> slides.length)
        {
                slideIndex = 1
        }
slides[slideIndex-1].style.display = "block";
setTimeout(showSlides, 3000);
}

function reveal()
{
        document.getElementById("registration").style.marginLeft = "150px";

        var div = document.getElementById("form_right");
        div.style.opacity = "1";
        div.style.visibility = "visible";
}
```

3.3.2 ajax.js

```
function getVote(int)
{
  if(window.XMLHttpRequest)
  {
    xmlhttp=new XMLHttpRequest();
  }
  else
  {
    xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
  }
  xmlhttp.onreadystatechange=function()
  {
    if(this.readyState==4 && this.status==200)
        {
      document.getElementById("poll").innerHTML=this.responseText;
    }
  }
  xmlhttp.open("GET","poll_vote.php?vote="+int,true);
  xmlhttp.send();
}
```

3.4 XML

3.4.2 sitemap.xml – AUTOMATSKI GENERISAN

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type='text/xsl' href='xml-sitemap.xsl'?>
<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">
<!-- created with Free Online Sitemap Generator www.xml-sitemaps.com -->

<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=0</loc>
  <changefreq>daily</changefreq>
  <priority>1.00</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=1&it1=1</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=4</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=5</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&game=13</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&game=21</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&game=23</loc>
  <changefreq>daily</changefreq>
  <priority>0.80</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&game=1</loc>

```xml
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=2</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=3</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=4</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=5</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=6</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=7</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=8</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=9</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=1&amp;it1=2</loc>
    <changefreq>daily</changefreq>
```

```xml
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=1&amp;it1=3</loc>
    <changefreq>daily</changefreq>
    <priority>0.64</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=10</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=11</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=12</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=14</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=15</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=16</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=17</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
  </url>
  <url>
    <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=18</loc>
    <changefreq>daily</changefreq>
    <priority>0.51</priority>
```

```
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=19</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=20</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=22</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=24</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=25</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=26</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
<url>
  <loc>https://games-hq.000webhostapp.com/index.php?page=6&amp;game=27</loc>
  <changefreq>daily</changefreq>
  <priority>0.51</priority>
</url>
</urlset>
```

3.5 XSLT

3.5.2 sitemap.xsl – PREUZETO SA INTERNETA

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="2.0"
        xmlns:html="http://www.w3.org/TR/REC-html40"
                        xmlns:image="http://www.google.com/schemas/sitemap-
image/1.1"
        xmlns:sitemap="http://www.sitemaps.org/schemas/sitemap/0.9"
```

```
                        xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
        <xsl:output method="html" version="1.0" encoding="UTF-8" indent="yes"/>
        <xsl:template match="/">
                    <html xmlns="http://www.w3.org/1999/xhtml">
                        <head>
                                <title>XML Sitemap</title>
                                <meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
                                <script type="text/javascript"
src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.2/jquery.min.js"></script>
                                <script type="text/javascript"
src="http://tablesorter.com/jquery.tablesorter.min.js"></script>
                                <scripttype="text/javascript"><![CDATA[
                                    $(document).ready(function() {
                                $("#sitemap").tablesorter( { widgets: ['zebra'] } );
                                    });
                        ]]></script>
                                <style type="text/css">
                                    body {
                                        font-family: Helvetica, Arial, sans-serif;
                                        font-size: 13px;
                                        color: #545353;
                                    }
                                    table {
                                        border: none;
                                        border-collapse: collapse;
                                    }
                                    #sitemap tr.odd {
                                        background-color: #eee;
                                    }
                                    #sitemap tbody tr:hover {
                                        background-color: #ccc;
                                    }
                                    #sitemap tbody tr:hover td, #sitemap tbody tr:hover td
a {
                                        color: #000;
                                    }
                                    #content {
                                        margin: 0 auto;
                                        width: 1000px;
                                    }
                                    .expl {
                                        margin: 10px 3px;
                                        line-height: 1.3em;
                                    }
                                    .expl a {
```

```
				color: #da3114;
				font-weight: bold;
			}
			a {
				color: #000;
				text-decoration: none;
			}
			a:visited {
				color: #777;
			}
			a:hover {
				text-decoration: underline;
			}
			td {
				font-size:11px;
			}
			th {
				text-align:left;
				padding-right:30px;
				font-size:11px;
			}
			thead th {
				border-bottom: 1px solid #000;
				cursor: pointer;
			}
		</style>
	</head>
	<body>
		<div id="content">
			<h1>XML Sitemap</h1>
			<p class="expl">
				Generated by <a
href="http://yoast.com/">Yoast</a>'s WordPress SEO plugin, this is an XML Sitemap,
meant for consumption by search engines.
			</p>
			<p class="expl">
				You can find more information about XML
sitemaps on <a href="http://sitemaps.org">sitemaps.org</a>.
			</p>
			<p class="expl">
				This sitemap contains <xsl:value-of
select="count(sitemap:urlset/sitemap:url)"/> URLs.
			</p>
			<table id="sitemap" cellpadding="3">
				<thead>
					<tr>
```

```
<th width="75%">URL</th>
<th width="5%">Priority</th>
<th width="5%">Images</th>
<th width="5%">Change
Freq.</th>
<th width="10%">Last
Change</th>
</tr>
</thead>
<tbody>
<xsl:variable name="lower"
select="'abcdefghijklmnopqrstuvwxyz'"/>
<xsl:variable name="upper"
select="'ABCDEFGHIJKLMNOPQRSTUVWXYZ'"/>
<xsl:for-each
select="sitemap:urlset/sitemap:url">
<tr>
<td>
<xsl:variable
name="itemURL">
<xsl:value-of
select="sitemap:loc"/>
</xsl:variable>
<a
href="{$itemURL}">
<xsl:value-of
select="sitemap:loc"/>
</a>
</td>
<td>
<xsl:value-of
select="concat(sitemap:priority*100,'%')"/>
</td>
<td>
<xsl:value-of
select="count(image:image)"/>
</td>
<td>
<xsl:value-of
select="concat(translate(substring(sitemap:changefreq, 1, 1),concat($lower,
$upper),concat($upper, $lower)),substring(sitemap:changefreq, 2))"/>
</td>
<td>
<xsl:value-of
select="concat(substring(sitemap:lastmod,0,11),concat(' ',
substring(sitemap:lastmod,12,5)))"/>
```

```
                                          </td>
                                      </tr>
                                  </xsl:for-each>
                              </tbody>
                          </table>
                      </div>
                  </body>
              </html>
          </xsl:template>
      </xsl:stylesheet>
```

4. Dizajn baze podataka

Tabela nav sadrži podatke za linkove u navigacionom meniju.
Tabela user sadrži podatke o korisnicima koji se registruju na sajt.
Tabela poll sadrži podatke iz ankete na početnoj strani.
Tabela gallery sadrži podatke o slikama na stranici galerije.
Tabela game sadrži podatke o igricama.
Tabele publisher i year sadrže podatke o izdavačima i godinama.
Tabela slider sadrži podatke o slikama za slajder.