

Web Programiranje 1



DOKUMENTACIJA

<https://destinythegame.netlify.com/>

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Smer: Internet tehnologije

Modul: Web Programiranje

Predmet: Web Programiranje 1

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1. Uvod

1.1 Korišćeni programski jezici

Za izradu ovog sajta su korišćeni sledeći programski jezici: HTML5, CSS3 i JavaScript (jQuery)

Sajt je pisan u Visual Studio Code-u

1.2 Opis funkcionalnosti

Sajt poseduje sledeće funkcionalnosti:

- Navigacioni meni koji skroluje do određenog dela stranice, postoji samo na index stranici
- Dugme „Back to Top“ koji se vraća do vrha stranice i pojavljuje posle skrolanja na dole, takođe nestaje nakon skrolanja nazad do vrha.
Ovo dugme postoji na obe stranice
- Dinamičko ispisani img tagovi u bloku galerija (samo na index stranici)
- Slike iz galerije su dinamičke i mogu se uvećavati i šaltati, ovo je postignuto korišćenjem fancybox jQuery plugin-a (samo na index stranici)
- Svaki link je funkcionalan i vodi na neku stranicu ili skida fajl (na obe stranice)
- Klikom na Show more/less dugme prikazuje se dodatan skriveni tekst uz pomoć jQuery-a (samo na index stranici)
- Forma sa regularnim izrazima za svako polje osim checkbox-a (samo na index stranici)

- Klikom na dugme u formi proveravaju se sva polja i ispisuje poruka greške u odnosu na to koja je greška u kom polju napravljena. Ako grešaka nema klikom na dugme se ispisuje poruka da je sve u redu. Takođe se proverava da li je checkbox checkovan (samo na index stranici)
- U futeru index stranice je link ka autor stranici, dok je u futeru autor stranice link ka index stranici
- Sve slike u galeriji su sivkaste i dobijaju boju u periodu od 1s kad se preko njih pređe kurzorom

1.3 Template

Za izradu je korišćen template sa sajta:

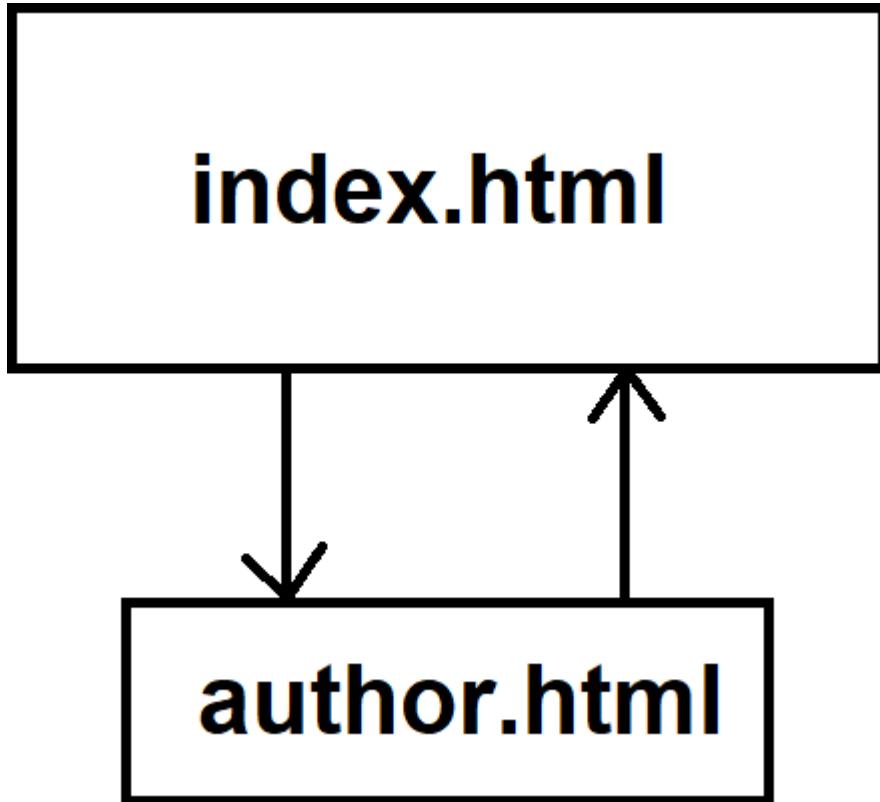
https://www.w3schools.com/w3css/tryit.asp?filename=tryw3css_templates_cafe

1.4 Eksterni CSS

Korišćeni su CSS iz w3schools template-a i CSS za Fancybox plugin

2. Organizacija

2.1 Organizaciona šema:



2.2 Mapa sajta:

```
<?xml version="1.0" encoding="UTF-8"?>

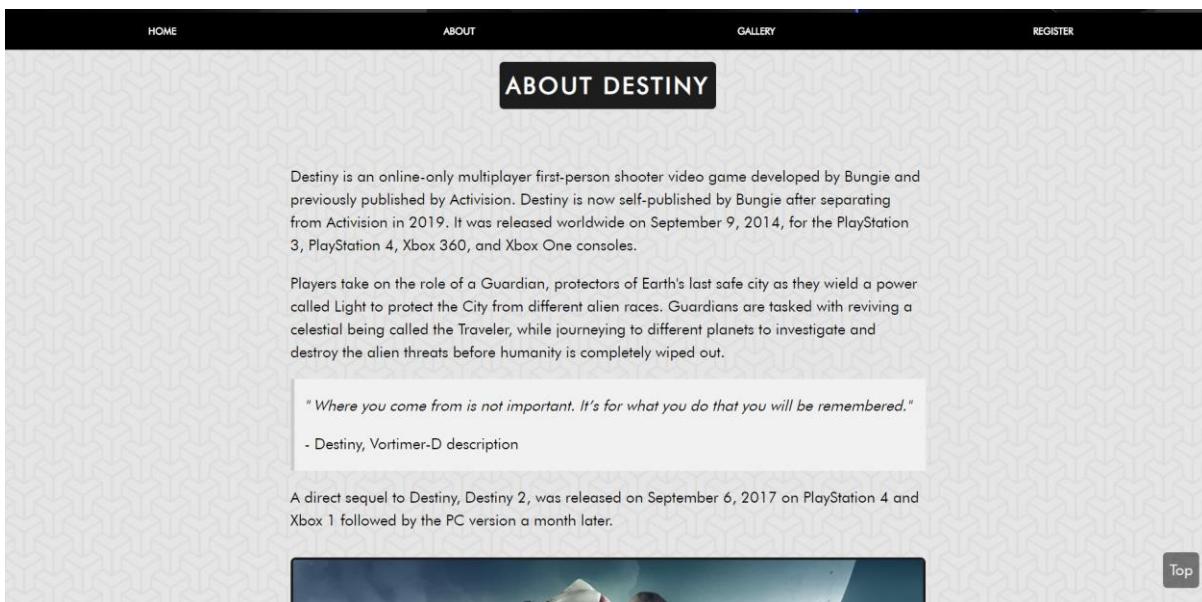
<urlset>
  <url>
    <loc>https://destinythegame.netlify.com/index.html</loc>
    <lastmod>2019-12-03T19:11:52+00:00</lastmod>
    <changefreq>monthly</changefreq>
    <priority>1.00</priority>
  </url>
  <url>
    <loc>https://destinythegame.netlify.com/author.html</loc>
    <lastmod>2019-12-03T19:11:52+00:00</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.80</priority>
  </url>
</urlset>
```

2.3 Opis stranica

2.3.1 index.html



Na ovom delu stranice index je fixed navigacioni meni (koji je ceo iz w3 template-a) u kojem svi linkovi imaju svojstvo hover i vode na deo stranice koji linkuju



Ceo blok About Destiny je statičan, u njemu je ispisan opšti tekst o tome šta je Destiny i ubačen je citat iz igre, takođe se na ovoj razdaljini od vrha body-a pojavljuje dugme za vraćanje na vrh

HOME ABOUT GALLERY REGISTER

A direct sequel to Destiny, Destiny 2, was released on September 6, 2017 on PlayStation 4 and Xbox One followed by the PC version a month later.



Destiny 2 cover image.

Destiny Lore:

Top

Ovaj sadržaj je isto statički, ispod prethodnog teksta je i u njemu je samo slika sa svojim opisom

HOME ABOUT GALLERY REGISTER

Destiny Lore:

A long time ago, humanity encountered a mysterious alien entity known as the Traveler. A tremendous, floating sphere, the Traveler helped humanity usher in its Golden Age, sharing the knowledge that let humans explore the galaxy, colonize far-off planets, and develop the sort of technology that let us evolve rapidly as a species.

Show more / less

HOME ABOUT GALLERY REGISTER

Destiny Lore:

A long time ago, humanity encountered a mysterious alien entity known as the Traveler. A tremendous, floating sphere, the Traveler helped humanity usher in its Golden Age, sharing the knowledge that let humans explore the galaxy, colonize far-off planets, and develop the sort of technology that let us evolve rapidly as a species.

All good things come to an end, though, and the Traveler was eventually followed by its enemy, the equally mysterious and entirely destructive entity known as the Darkness. Things went bad quickly, and after the Traveler seemingly sacrificed itself to drive off the Darkness, there was precious little left of the human species. Various alien races began to move in for the kill, colonizing former human settlements and making humanity's continued existence uncertain at best. Everyone refers to the end of the Golden Age as "the Collapse."

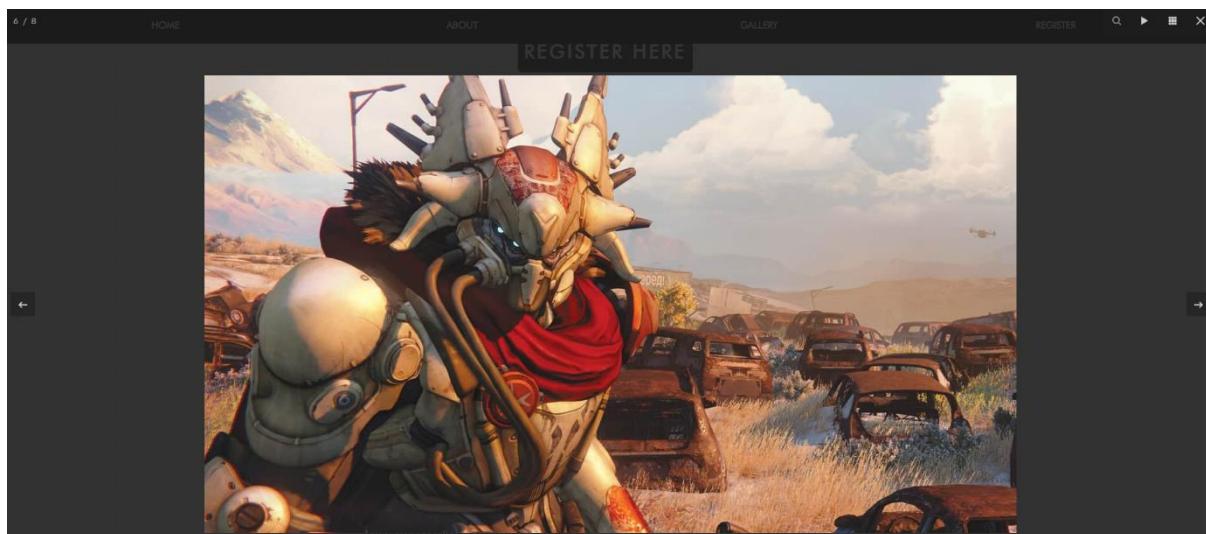
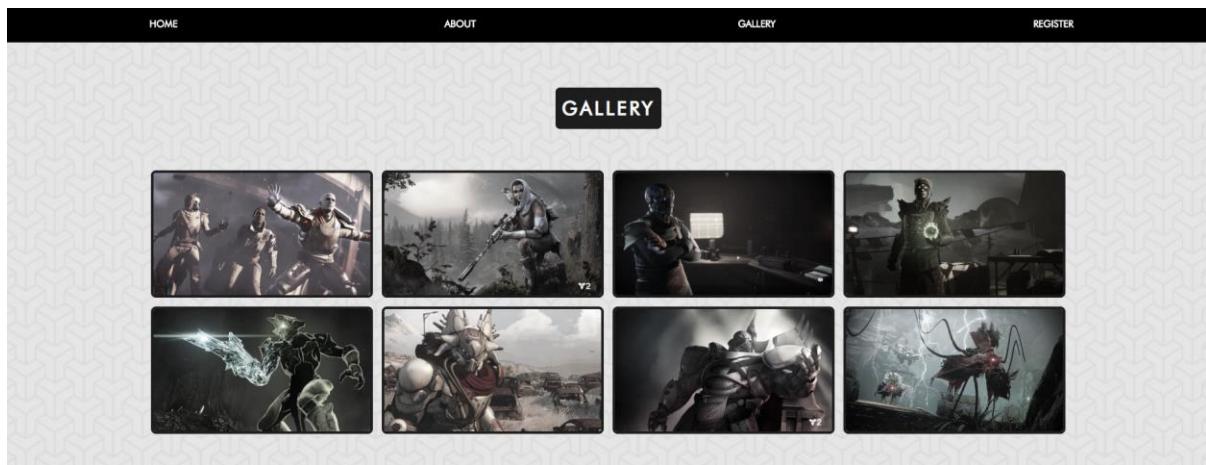
Fortunately (for humanity), the Traveler had taken one last action before expending its energies. After fending off the Darkness, the Traveler dispersed its life force – referred to as "Light" – in the form of small, seemingly sentient "Ghosts" that sought out the greatest, deceased defenders of humanity and reanimated them as "Guardians."

They were tasked with protecting humanity and the remains of the Traveler. The base of operations for Guardians is "the City," the last remaining stronghold for humanity, located somewhere on Earth in the shadow of the Traveler, which is now a floating, lifeless sphere. The Traveler apparently isn't dead, but has been dormant for centuries.

Show more / less

Top

U ovom delu about bloka se nalazi kratki tekst o priči igre, koji se može ekspandovati klikom na dugme



U ovom delu sajta se nalazi dinamički ispisana galerija odraćena uz pomoć fancybox plugin-a i css biblioteke, slike su posivljene "filter: grayscale" linijom css-a, a doprimaju originalnu boju kad se preko njih pređe kurSOROM ili kad se otvore

Dive into the free-to-play world of Destiny to experience responsive FPS combat, explore the mysteries of our solar system, and unleash elemental abilities against powerful enemies.

Register today to create your Guardian and collect weapons and armor to customize your playstyle:

Username

Username must have from 3 to 12 characters, containing only letters and optionally numbers.

Password

Password requires at least one lowercase letter, one uppercase letter, one digit, from 6 to 16 characters, and no spaces.

E-mail address

Email must be in all lowercase characters and in correct format.

I accept the terms and conditions: [Terms](#)

SUBMIT

Top

Na ovom delu sajta se nalazi forma za registraciju koja ima svoje regularne izraze za blokadu sadržaja lošeg formata ili ako sadržaj nije upisan/checkbox nije checkovan

elemental abilities against powerful enemies.

Register today to create your Guardian and collect weapons and armor to customize your playstyle:

Username

Username must have from 3 to 12 characters, containing only letters and optionally numbers.

Password

Password requires at least one lowercase letter, one uppercase letter, one digit, from 6 to 16 characters, and no spaces.

E-mail address

Email must be in all lowercase characters and in correct format.

I accept the terms and conditions: [Terms](#)

SUBMIT

Copyright © 2019 - Design by [Vladimir Djordjevic 120/18](#)

Documentacion: [Click here for documentation.pdf](#)

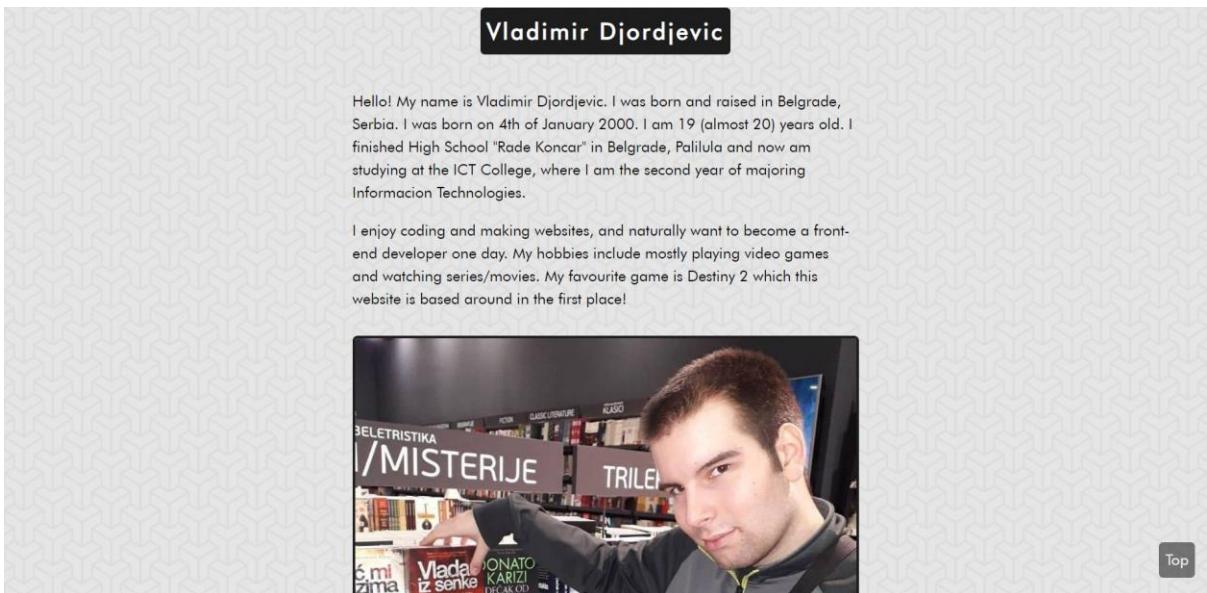
Top

Ispod forme, na samom kraju sajta se nalazi footer sa linkom koji vodi na drugu stranicu, o autoru, i link za dokumentaciju

2.3.2 author.html



Na početku ove stranice imamo skoro identični layout kao na index strani, samo sa tekstom "About author" umesto Destiny logo-a, i bez navigacionog menija jer stranica sadrži samo autor blok ispod



U bloku autor je ispisano moje ime kao header bloka i ispod njega tekst o autoru kao i slika autora



You can also find my portfolio website here: [Portfolio](#)

Sitemap: [Click here for sitemap.xml](#)

[Back to the Home page](#)

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Top

Na kraju sajta, ispod slike autora se nalazi link ka portfoliju autora i link ka sitemap fajlu. U futeru se nalazi link nazad ka index stranici i copyright tekst sa imenom i indeksom autora

3. Kodovi

3.1 HTML

3.1.1 index.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Destiny</title>
    <meta name="description" content="Destiny the game is one of the biggest games developed by Bungie. Find out the lore, discover great enemies and allies in this vast universe where everything is possible. Eyes up, Guardian.">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="shortcut icon" href="img/icon.ico"/>
    <!--W3 template css-->
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <!--Plugin for the gallery effect-->
    <script src="https://cdn.jsdelivr.net/npm/jquery@3.4.1/dist/jquery.min.js"></script>
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/gh/fancyapps/fancybox@3.5.7/dist/jquery.fancybox.min.css" />
    <script src="https://cdn.jsdelivr.net/gh/fancyapps/fancybox@3.5.7/dist/jquery.fancybox.min.js"></script>
    <!--Personal css-->
    <link rel="stylesheet" href="css/style.min.css" type="text/css">
  </head>
  <body>
    <!-- Links -->
    <div class="w3-top">
      <div class="w3-row w3-padding w3-black">
        <div class="w3-col s3">
          <a href="#" class="w3-button w3-block w3-black headers">HOME</a>
        </div>
        <div class="w3-col s3">
          <a href="#about" class="w3-button w3-block w3-black headers">ABOUT</a>
        </div>
        <div class="w3-col s3">
          <a href="#galleryBlock" class="w3-button w3-block w3-black headers">GALLERY</a>
        </div>
        <div class="w3-col s3">
          <a href="#register" class="w3-button w3-block w3-black headers">REGISTER</a>
        </div>
      </div>
    </div>
    <!-- Header with image -->
```

```

<header class="bgimg w3-display-container w3-grayscale-min">
  <div class="w3-display-middle w3-center">
    <div class="logo"></div>
  </div>
</header>
<!-- Background -->
<div class="w3-large siteBackground">
  <!-- About Container -->
  <div class="w3-container" id="about">
    <div class="w3-content" style="max-width:1000px">
      <h1 class="w3-center w3-padding-64"><span class="w3-tag w3-wide headers">ABOUT DESTINY</span></h1>
      <p id="topButton" class="w3-button w3-black buttons" title="Go to top" style="display: block;">Top</p>
      <p>Destiny is an online-only multiplayer first-person shooter video game developed by Bungie and previously published by Activision. Destiny is now self-published by Bungie after separating from Activision in 2019. It was released worldwide on September 9, 2014, for the PlayStation 3, PlayStation 4, Xbox 360, and Xbox One consoles.</p>
      <p>Players take on the role of a Guardian, protectors of Earth's last safe city as they wield a power called Light to protect the City from different alien races. Guardians are tasked with reviving a celestial being called the Traveler, while journeying to different planets to investigate and destroy the alien threats before humanity is completely wiped out.</p>
      <div class="w3-panel w3-leftbar w3-light-grey">
        <p><i>" Where you come from is not important. It's for what you do that you will be remembered."</i></p>
        <p>- Destiny, Vortimer-D description</p>
      </div>
      <p>A direct sequel to Destiny, Destiny 2, was released on September 6, 2017 on PlayStation 4 and Xbox 1 followed by the PC version a month later.</p>
      
      <p><strong>Destiny 2</strong> cover image.</p><br/>
      <p class="lore"><strong>Destiny Lore:</strong></p>
      <p class="lore">A long time ago, humanity encountered a mysterious alien entity known as the Traveler. A tremendous, floating sphere, the Traveler helped humanity usher in its Golden Age, sharing the knowledge that let humans explore the galaxy, colonize far-off planets, and develop the sort of technology that let us evolve rapidly as a species.</p>
      <div id="additionalText">
        <p class="lore">All good things come to an end, though, and the Traveler was eventually followed by its enemy, the equally mysterious and entirely destructive entity known as the Darkness. Things went bad quickly, and after the Traveler seemingly sacrificed itself to drive off the Darkness, there was precious little left of the human species. Various alien races began to move in
      </div>
    </div>
  </div>
</div>

```

for the kill, colonizing former human settlements and making humanity's continued existence uncertain at best. Everyone refers to the end of the Golden Age as "the Collapse."</p>

<p class="lore">Fortunately (for humanity), the Traveler had taken one last action before expending its energies. After fending off the Darkness, the Traveler dispersed its life force – referred to as "Light" – in the form of small, seemingly sentient "Ghosts" that sought out the greatest, deceased defenders of humanity and reanimated them as "Guardians."</p>

<p class="lore">They were tasked with protecting humanity and the remains of the Traveler. The base of operations for Guardians is "the City," the last remaining stronghold for humanity, located somewhere on Earth in the shadow of the Traveler, which is now a floating, lifeless sphere. the Traveler apparently isn't dead, but has been dormant for centuries.</p>

```

</div>
<p id="readMore" class="w3-button w3-black buttons">Show more / less</p>
</div>
</div>
<!-- Gallery Container -->
<div class="w3-container" id="galleryBlock">
<div class="w3-content" style="max-width:80%">
    <h2 class="w3-center w3-padding-48"><span class="w3-tag w3-wide headers">GALLERY</span></h2>
    <div id="imageGallery" class="w3-row w3-center w3-padding">
        </div>
    </div>
    </div>
<!-- Registration Container -->
<div class="w3-container" id="register" style="padding-bottom:32px;">
<div class="w3-content" style="max-width:750px">
    <h2 class="w3-center w3-padding-48"><span class="w3-tag w3-wide headers">REGISTER HERE</span></h2>
    <p>Dive into the free-to-


play world of Destiny to experience responsive FPS combat, explore the mysteries of our solar system, and unleash elemental abilities against powerful enemies. </p>



<p><strong>Register today</strong> to create your Guardian and collect weapons and armor to customize your playstyle:</p>



<form action="#" method="GET" target="_blank">



<p><input class="w3-input w3-padding-16 boxBorder" type="text" placeholder="Username" id="Name" name="Name"></p>



<span>Username must have from 3 to 12 characters, containing only letters and optionally numbers.&nbsp;</span> <br/> <span id="nameError"></span>



<p><input class="w3-input w3-padding-16 boxBorder" type="password" id="Pass" placeholder="Password" name="Password"></p>



<span>Password requires at least one lowercase letter, one uppercase letter, one digit, from 6 to 16 characters, and no spaces.&nbsp;</span> <br/> <span id="passError"></span>


```

```

<p><input class="w3-input w3-padding-16 boxBorder" type="email" id="Email" placeholder="Email adress" name="Email"></p>
    <span>Email must be in all lowercase characters and in correct format.&nbsp;</span> <br/> <span id="emailError"></span>
    <p><input type="checkbox" name="terms" id="terms"><span>&nbsp;I accept the terms and conditions: <a id="termsLink" href="https://www.bungie.net/en/Bungie/Terms" target="_blank">Terms</a></span></p>
        <span id="checkboxError"></span>
        <p><button id="submit" class="w3-button w3-black buttons" type="button">SUBMIT</button></p>
            <span id="allGood"></span>
        </form>
    </div>
    </div>
    </div>
    <!-- Footer -->
    <footer class="w3-center w3-light-grey w3-padding-48 w3-large">
        <b>Copyright © 2019 - Design by <a href="author.html" class="w3-hover-text-gray">Vladimir Djordjevic 120/18</a></b>
        <p><b>Documentacion:</b><a href="documentation.pdf" target="_blank" class="w3-hover-text-gray">Click here for documentation.pdf</a></p>
    </footer>
    <!--JS and JQuery links-->
    <script src="javascript/main.min.js" type="text/javascript"></script>
    <script src="javascript/jquery-3.4.1.min.js" type="text/javascript"></script>
    <script src="javascript/jQuery.min.js" type="text/javascript"></script>
</body>
</html>

```

3.1.2 author.html

```

<!DOCTYPE html>
<html>
    <head>
        <title>About Author</title>
        <meta name="description" content="About author, also known as I, hello!">
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="shortcut icon" href="img/icon.ico"/>
        <!--W3 template css-->
        <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
        <!--Personal css-->
        <link rel="stylesheet" href="css/style.min.css" type="text/css">
    </head>
    <body>
        <!-- Header with image -->

```

```

<header class="bgimg w3-display-container w3-grayscale-min" id="home">
<div class="w3-display-middle w3-center">
    <div class="logo"><h1>ABOUT AUTHOR</h1></div>
</div>
</header>
<!-- Background -->
<div class="w3-large siteBackground">
<!-- Author info container -->
<div class="w3-container" id="about">
    <div class="w3-content" style="max-width:800px">
        <h1 class="w3-center w3-padding-32"><span class="w3-tag w3-wide headers">Vladimir Djordjevic</span></h1>
        <p id="topButton" class="w3-button w3-black buttons" title="Go to top" style="display: block;">Top</p>
        <p>Hello! My name is Vladimir Djordjevic. I was born and raised in Belgrade, Serbia. I was born on 4th of January 2000. I am 19 (almost 20) years old. I finished High School "Rade Koncar" in Belgrade, Palilula and now am studying at the ICT College, where I am the second year of majoring Informacion Technologies. </p>
        <p>I enjoy coding and making websites, and naturally want to become a front-end developer one day. My hobbies include mostly playing video games and watching series/movies. My favourite game is Destiny 2 which this website is based around in the first place!</p>
        <div id="authorBlock">
            
            <p>You can also find my portfolio website here: <a class="w3-hover-text-gray" target="_blank" href="https://vladimirdjordjevic.netlify.com/">Portfolio</a></p>
            <p>Sitemap: <a href="sitemap.xml" target="_blank" class="w3-hover-text-gray">Click here for sitemap.xml</a></p>
            <br/>
        </div>
    </div>
</div>
</div>
<!-- Footer -->
<footer class="w3-center w3-light-grey w3-padding-48 w3-large">
    <b><a class="w3-hover-text-gray" href="index.html">Back to the Home page</a></b><br/>
    <b>Copyright © 2019 - Design by Vladimir Djordjevic 120/18</b>
</footer>
<!-- JQuery links-->
<script src="javascript/jquery-3.4.1.min.js" type="text/javascript"></script>
<script src="javascript/jQuery.min.js" type="text/javascript"></script>

```

```
</body>
</html>
```

3.2 CSS

3.2.1 style.css

```
@font-face{
    font-family:Futura;
    src:url(FuturaBook.ttf);
}
body, html {
    height: 100%;
    font-family: Futura;
    scroll-behavior: smooth;
}
p{
    font-size: 24px ;
}
.bgimg {
    background-position: center;
    background-size: cover;
    background-image: url("../img/backgroundImg.jpg");
    min-height: 75%;
    border-bottom: 2px solid #000000;
}
#home{
    margin-top: -100px;
}
.menu {
    display: none;
}
.logo{
    margin-bottom: 250px;
}
.logo img{
    width: 600px;
}
.logo h1{
    font-size: 64px;
    font-family: Futura;
    font-weight: bold;
    background-color: #c3c3c3a2;
    padding: 15px;
    border-radius: 7px;
}
.siteBackground{
    background-size: initial;
```

```
background-position: center;
background-repeat: repeat;
background-attachment: fixed;
background-image: url("../img/patternBackground.png");
}

#imageCover{
    width:100%;
    max-width:1000px;
}

#authorBlock{
    text-align: center;
}

.headers{
    padding: 10px;
    border-radius: 7px;
    font-family: Futura;
    font-weight: bold;
    background-color: #1d1d1d;
}

.buttons{
    padding: 10px;
    border-radius: 7px;
    font-family: Futura;
    background-color: #1d1d1d;
}

.imgBorder{
    border: 4px solid #1d1d1d;
    border-radius: 8px;
}

#imageGallery{
    padding: 0px !important;
}

#imageGallery img{
    margin: 7px;
    width: 350px;
    filter: grayscale(80%);
    transition: 1s;
}

#imageGallery img:hover{
    filter: grayscale(0%);
}

.lore{
    margin: 0px 0px 10px 0px !important;
}

#readMore{
    font-size: 18px;
    font-style: italic;
}
```

```

#topButton{
  display: none;
  position: fixed;
  bottom: 10px;
  right: 20px;
  opacity: 50%;
  z-index: 5;
}
#terms{
  font-size: 20px;
  transform: scale(1.5);
}
.boxBorder{
  border: 1px solid #ccc;
}
footer a{
  font-size: 24px;
}
#termsLink:hover{
  color: #626262;
}
#nameError, #passError, #emailError, #checkboxError{
  color: #d60000;
  font-size: 24px;
}
#allGood{
  color: rgb(0, 163, 0);
  font-size: 24px;
}
.error{
  border: 1px solid #FF0000 !important;
}
/*RESPONSIVE*/
@media screen and (max-height:820px){
  .logo{
    margin-bottom: 120px;
  }
}
@media screen and (max-width:963px){
  #imageGallery img{
    margin: 7px 0px 7px 0px;
  }
}
@media screen and (max-width:640px){
  #topButton{
    bottom: 60px;
  }
}

```

```
@media screen and (max-width:600px){
  .logo img{
    width: 480px;
  }
}

@media screen and (max-width:530px){
  #topButton{
    right: 5px;
    font-size: 16px;
    font-weight: bold;
  }
}

@media screen and (max-width:480px){
  .logo img{
    width: 360px;
  }
  .logo h1{
    font-size: 45px;
    margin-top: 50px;
  }
}

@media screen and (max-width:459px){
  #imageGallery img{
    width: 250px;
  }
}

@media screen and (max-width:415px){
  #topButton{
    bottom: 85px;
  }
  .logo h1{
    margin-top: 100px;
  }
}

@media screen and (max-width:375px){
  .logo{
    margin-bottom: 175px;
  }
  .logo img{
    width: 300px;
  }
}

@media screen and (max-width:340px){
  #imageGallery img{
    width: 200px;
  }
  .logo h1{
    margin-top: 150px;
  }
}
```

```
}
```

3.3 JavaScript

3.3.1 main.js

```
window.onload = function(){
    document.querySelector("#submit").addEventListener("click", check);
}

function check(){

    let validity = true;

    let name = document.getElementById("Name").value;
    let pass = document.getElementById("Pass").value;
    let email = document.getElementById("Email").value;
    let checkboxTerms = document.getElementById("terms");

    let regexName = /([A-z]+[0-9]*){3,12}/;
    let regexPass = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)[a-zA-Z\d]{6,16}$/;
    let regexEmail = /^[a-z][a-zA-Z\d_\.\-]+\@[a-zA-Z]+\.(a-zA-Z){2,3}+$/;

    let nameEr = document.getElementById("nameError");
    let passEr = document.getElementById("passError");
    let emailEr = document.getElementById("emailError");
    let chboxEr = document.getElementById("chboxError");
    let formComplete = document.getElementById("allGood");

    //Username check
    if(name == ""){
        nameEr.innerText = "Username cannot be blank!";
        document.getElementById("Name").classList.add("error");
        validity = false;
    }
    else{
        if(!regexName.test(name)){
            nameEr.innerText = "Invalid username format!"
            document.getElementById("Name").classList.add("error");
            validity = false;
        }
        else{
            nameEr.innerText = ""
            document.getElementById("Name").classList.remove("error");
        }
    }
}

//Password Check
```

```

if(pass == ""){
    passEr.innerText = "Password cannot be blank!";
    document.getElementById("Pass").classList.add("error");
    validity = false;
}
else{
    if(!regexPass.test(pass)){
        passEr.innerText = "Invalid password format!"
        document.getElementById("Pass").classList.add("error");
        validity = false;
    }
    else{
        passEr.innerText = ""
        document.getElementById("Pass").classList.remove("error");
    }
}

//Email check
if(email == ""){
    emailEr.innerText = "E-mail cannot be blank!";
    document.getElementById("Email").classList.add("error");
    validity = false;
}
else{
    if(!regexEmail.test(email)){
        emailEr.innerText = "Invalid E-mail format!"
        document.getElementById("Email").classList.add("error");
        validity = false;
    }
    else{
        emailEr.innerText = ""
        document.getElementById("Email").classList.remove("error");
    }
}

//checkbox check
if(checkboxTerms.checked)
    chboxEr.innerText = "";
else{
    chboxEr.innerText = "You must accept the terms to proceed.";
    validity = false;
}

//validity check
if(validity)
    formComplete.innerHTML = "You're all good, your information has been sent to the server.";
else

```

```

    formComplete.innerHTML = "";

}

// Gallery array
var imageArray = ["gallery1.jpg","gallery2.jpg","gallery3.jpg","gallery4.jpg",
"gallery5.jpg","gallery6.jpg","gallery7.jpg","gallery8.jpg" ];
for(var i = 0; i < imageArray.length; i++){
    document.querySelector("#imageGallery").innerHTML += "<a data-
fancybox='gallery' href='img/" + imageArray[i] + "'><img src='img/" + imageArray[i] +
'' alt=''" + parseInt(i+1) + ". Gallery image' class='imgBorder' /></a>";
}

```

3.3.2 jQuery.js

```

$(document).ready(function(){
    //Read more option
    $("#additionalText").hide();
    $("#readMore").click(function() {
        $("#additionalText").slideToggle(500);
    });
    //Back to the top button
    $("#topButton").hide();
    window.onscroll = function() {scrollToTop()};
    function scrollToTop() {
        if(document.body.scrollTop > 600 || document.documentElement.scrollTop
> 600){
            $("#topButton").fadeIn();
        }
        else{
            $("#topButton").fadeOut();
        }
    }
    $('#topButton').click(function(){
        document.body.scrollTop = 0;
        document.documentElement.scrollTop = 0;
    });
});

```