**VISOKA TEHNIČKA ŠKOLA**

**STRUKOVNIH STUDIJA**

**S** **U B O T I C A**

**PROJEKAT**

**iz predmeta E-mobil aplikacije**

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**SUBOTICA 2021. god.**

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# OPIS ZADATKA

## PROJEKAT

U prvom projektu se podizao sajt jedne kompanije od nule. Naziv kompanije je WebMax Studio. Sastoji se od Homepage-a, About us i Contact stranice. Tehnike kojima se služilo su HTML, CSS, PHP, JS, Responsive web disagn i Bootstrap.

## PROJEKAT

Drugi projekat je, takođe, sajt namenjem tome da pacijent može da zakaže termin kod izabranog lekara, lekar može da vidi koje termine ima zakazane u narednom periodu, dok admin moze da dodaje, briše i uređuje listu pregleda, lekara i pacijenata. Tehnike pomoću kojih se ovaj projekat izradio su HTML, PHP, CSS, Bootstrap, mySql, Responsive web desing i simple detection.

# REALIZACIJA ZADATKA

## PROJEKAT

### HEAD:

<head>  
 <meta charset="utf-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">  
 <meta name="description" content="Creative website for IT VTS">  
 <meta name="author" content="Milivojevic Ivana">  
 <meta name="keywords" content="HTML, CSS, PHP, VTS, Internet technologies">  
 <meta name="robots" content="noindex">  
 <script src="https://use.fontawesome.com/releases/v5.15.1/js/all.js" crossorigin="anonymous"></script>  
 <link rel="icon" type="image/x-icon" href="assets/img/favicon.ico">  
 <link href="https://fonts.googleapis.com/css?family=Montserrat:400,700" rel="stylesheet" type="text/css">  
 <link href="https://fonts.googleapis.com/css?family=Droid+Serif:400,700,400italic,700italic" rel="stylesheet"  
 type="text/css">  
 <link href="https://fonts.googleapis.com/css?family=Roboto+Slab:400,100,300,700" rel="stylesheet" type="text/css">  
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet"  
 integrity="sha384-giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1" crossorigin="anonymous">  
 <link href="css/style.css" rel="stylesheet">  
 <title>IT presentation</title>  
</head>

### NAVBAR:

<nav class="navbar navbar-expand-lg navbar-dark fixed-top" id="mainNav">  
 <div class="container">  
 <a class="navbar-brand" href="#page-top">WebMax Studio</a>  
 <button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse"  
 data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false"  
 aria-label="Toggle navigation">  
 Menu  
 <i class="fas fa-bars ml-1"></i>  
 </button>  
 <div class="collapse navbar-collapse" id="navbarResponsive">  
 <ul class="navbar-nav text-uppercase ms-auto">  
 <li class="nav-item"><a class="nav-link" href="index.php">Home</a></li>  
 <li class="nav-item"><a class="nav-link" href="about.php">About</a></li>  
 <li class="nav-item"><a class="nav-link" href="contact.php">Contact</a></li>  
 </ul>  
 </div>  
 </div>  
</nav>

### SEKCIJA SERVISES NA HOMEPAGE-U, JEDNA OD KARTICA:

<div class="col-md-4">  
 <span class="fa-stack fa-4x">  
 <i class="fas fa-circle fa-stack-2x"></i>  
 <i class="fas fa-shopping-cart fa-stack-1x fa-inverse"></i>  
 </span>  
 <h4 class="my-3">E-Commerce</h4>  
 <p class="text-muted">Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima maxime quam  
 architecto quo inventore harum ex magni, dicta impedit.</p>  
</div>

### DEO TIMELINE-A NA STRANICI ABOUT US:

<li class="timeline-inverted">  
 <div class="timeline-image"><img class="rounded-circle img-fluid" src="assets/img/about/2.jpg"  
 alt=""/>  
 </div>  
 <div class="timeline-panel">  
 <div class="timeline-heading">  
 <h4>March 2011</h4>  
 <h4 class="subheading">An Agency</h4>  
 </div>  
 <div class="timeline-body"><p class="text-muted">Lorem ipsum dolor sit amet, consectetur  
 adipisicing  
 elit. Sunt ut voluptatum eius sapiente, totam reiciendis temporibus qui quibusdam,  
 recusandae sit vero unde, sed, incidunt et ea quo dolore laudantium consectetur!</p>  
 </div>  
 </div>  
</li>

## PROJEKAT

### DETEKCIJA:

<?php  
$header\_ua = strtolower($\_SERVER['HTTP\_USER\_AGENT']);  
$keywords = array("nokia", "touch", "samsung", "sonyericsson", "alcatel", "panasonic", "tosh", "benq", "sagem", "android", "iphone", "berry", "palm", "mobi", "lg", "symb", "kindle", "phone");  
$mobile = false;  
$match = "";  
  
foreach ($keywords as $keyword) {  
 if (strpos($header\_ua, $keyword) !== false) // http://php.net/manual/en/function.strpos.php  
 {  
 $mobile = true;  
 $match = $keyword;  
 break;  
 }  
}  
echo "<p><b>user agent string:</b> $header\_ua</b>";  
  
if ($mobile) {  
 echo "<p>You are using mobile device. (search term: $match)</p>";  
 //header("Location:mobile.php");  
 //exit();  
} else {  
 echo "<p>You are not using mobile device.</p>";  
}  
?>

### PROVERA KONEKCIJE SA BAZOM:

<?php  
session\_start();  
$errors=array();  
$mysqli = new mysqli("localhost","root","","registration");  
if ($mysqli -> connect\_errno) {  
 echo "Failed to connect to MySQL: " . $mysqli -> connect\_error;  
 exit();  
}?>

### FORMA ZA LOGIN, PROVERA PODATAKA I ISPISIVANJE GREŠKE UKOLIKO POSTOJI:

<?php   
if (isset($\_POST['Login'])) {  
 $UserID = $mysqli->real\_escape\_string($\_POST['UserID']);  
 $Password = $mysqli->real\_escape\_string($\_POST['password']);  
 if (empty($UserID)) {  
 array\_push($errors, "UserID is required");  
 }  
 if (empty($Password)) {  
 array\_push($errors, "Password is required");  
 }  
 if (count($errors) == 0) {  
 $Password = md5($Password);  
 $query = "SELECT \* FROM patients WHERE UserID=('$UserID')AND Password=('$Password')";  
 $result = mysqli\_query($mysqli, $query);  
 if (mysqli\_num\_rows($result) == 1) {  
 $\_SESSION['UserID'] = $UserID;  
 $\_SESSION['success'] = "you are now logged in";  
 header('location:../presentaionlayer/patient/index.php');  
 } else {  
 array\_push($errors, "The ID/Password not correct");  
 }}} ?>

### FEEDBACK:

<?php if (isset($\_POST['sendfeedback'])) {  
 $feedback2 = $mysqli->real\_escape\_string($\_POST['feedx']);  
 $sqlfeed = "INSERT INTO feedback (pID,feedback) VALUES ('$userprofile','$feedback2') ";  
 if (!$mysqli->query($sqlfeed)) {  
 printf("%d Row inserted.\n", $mysqli->affected\_rows);  
 }}$mysqli->close();

?>

### DINAMIČKO ISPISIVANJE ZAKAZANIH PREGLEDA:

<div style="width:100%; overflow:auto;">  
 <table class="table">  
 <tbody>  
 <th>Appointment ID</th>  
 <th>DATE</th>  
 <th>TIME</th>  
 <th>PatientID</th>  
 <th>PatientName</th>  
 <th>PatientAddress</th>  
 <th>PatientEmail</th>  
 <th>PatientContactNumber</th>  
 <th>BloodGroup</th>  
 </tr>  
 <?php $sqldoc="SELECT \* FROM bookapp , patients WHERE docID=('$doctorprofile') AND patientID=UserID " ;  
 $resultdoc=$mysqli->query($sqldoc);  
 if(mysqli\_num\_rows($resultdoc)>= 1){  
 while ($rowdoc=$resultdoc->fetch\_assoc()) {  
 echo "<tr><td>".$rowdoc["AppoID"]."</td><td>".$rowdoc["Date"]."</td><td>".$rowdoc["Time"]."</td><td>".$rowdoc["UserID"]."</td><td>".$rowdoc['Name']."</td><td>".$rowdoc['Address']."</td><td>".$rowdoc['Email']."</td><td>".$rowdoc["ContactNumber"]."</td><td>".$rowdoc["Bloodtype"]."</td></tr>";  
 }  
 echo "</table";  
 } ?>  
 </tbody>  
 </table>  
</div>

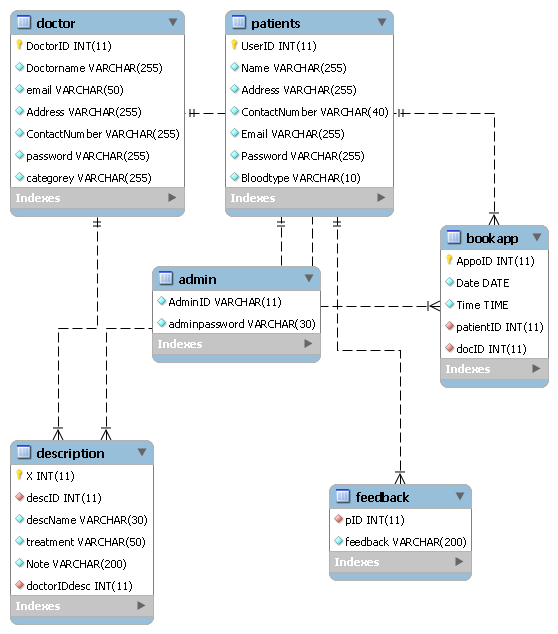
### PRETRAGA PACIJENATA:

<?php  
$PID = $mysqli->real\_escape\_string($\_POST['PID']);  
$sqlP2 = "SELECT \* FROM description WHERE descID=('$PID') OR descName=('$PID') ";  
$resultP2 = $mysqli->query($sqlP2);  
if (mysqli\_num\_rows($resultP2) > 1) {  
 while ($rowP2 = $resultP2->fetch\_assoc()) {  
  
 echo "<tr><td>" . $rowP2["descID"] . "</td><td>" . $rowP2["descName"] . "</td><td>" . $rowP2["treatment"] . "</td><td>" . $rowP2['Note'] . "</td></tr>";  
 }  
 echo "</table";  
}  
} ?>

### ZAKAZIVANJE PREGLEDA:

<?php  
if (isset($\_POST['Search'])) {  
 $categorey = mysqli\_real\_escape\_string($mysqli, $\_POST['categorey']);  
 $query2 = "SELECT \* FROM doctor WHERE categorey=('$categorey')";  
 $result2 = mysqli\_query($mysqli, $query2);  
 ?>  
 <div class="input-group">  
 <label>Doctor ID</label>  
 <select class="input-group2" name="docID">  
  
 <?php while ($row2 = mysqli\_fetch\_assoc($result2)) {  
 ?>  
  
 <option> <?php echo $row2['DoctorID'] ?> </option>  
 <?php  
  
 } ?>  
 </select>  
 </div>

# STRUKTURA BAZE PODATAKA



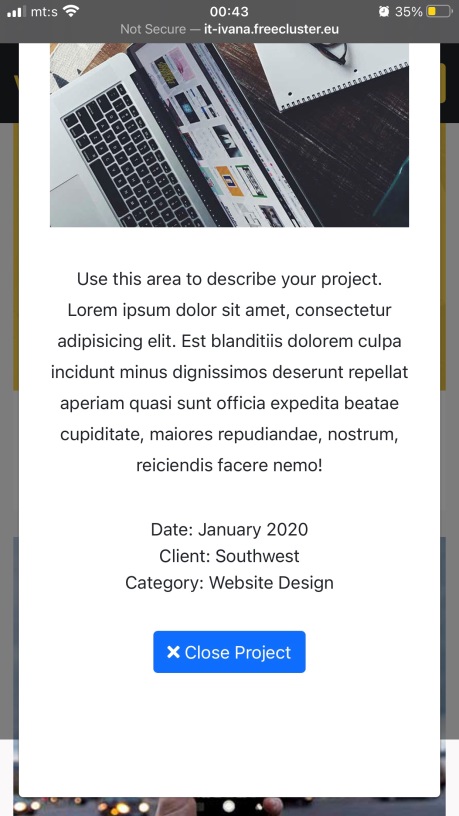
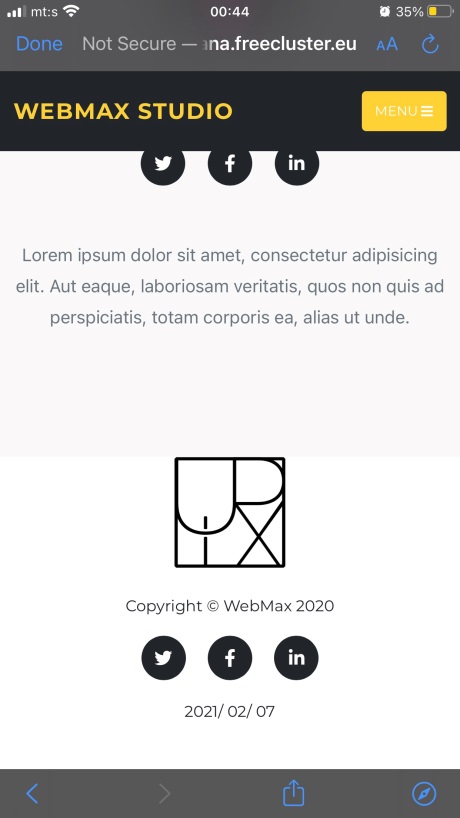
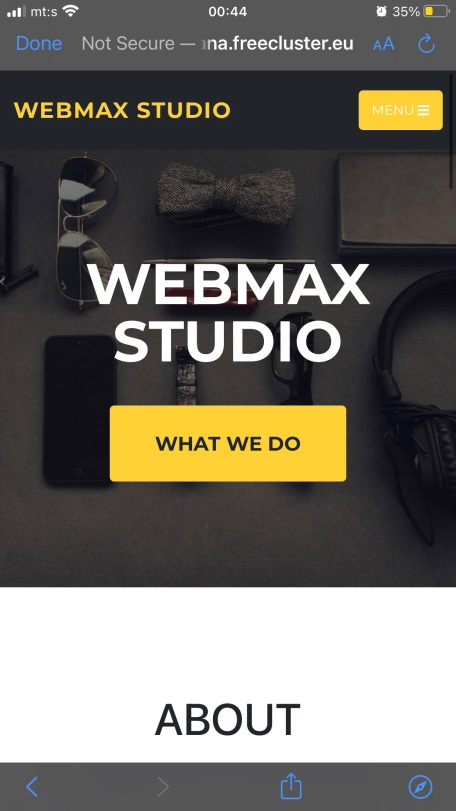
# OPIS FUNKCIONALNOSTI

## PROJEKAT:

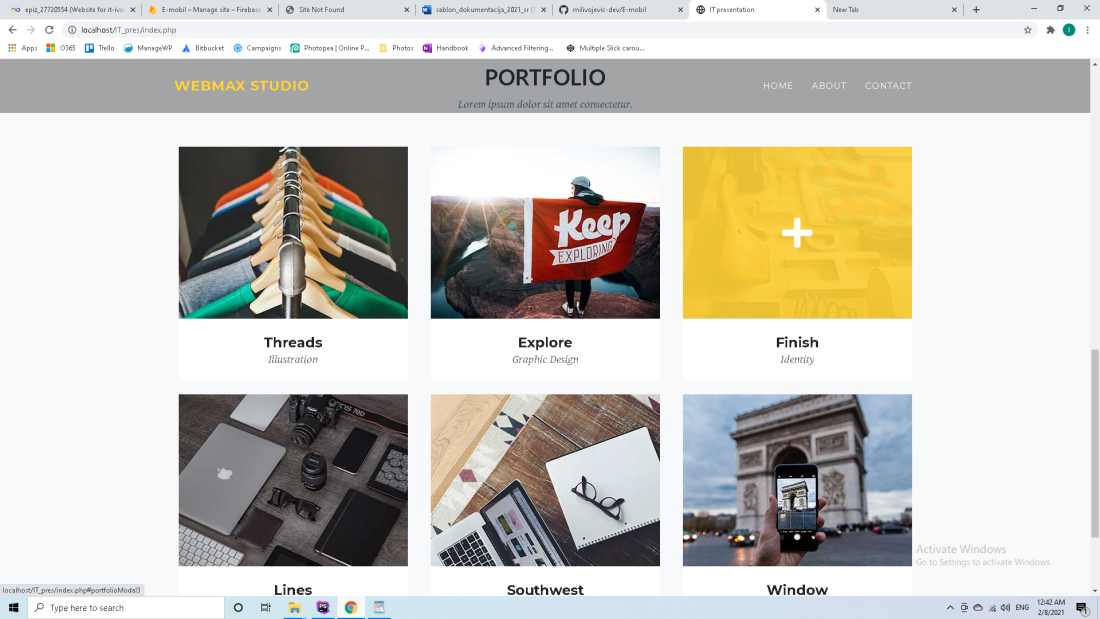
Zasniva se na HTML-U i CSS-U. Na svim stranicama su header i footer isti.

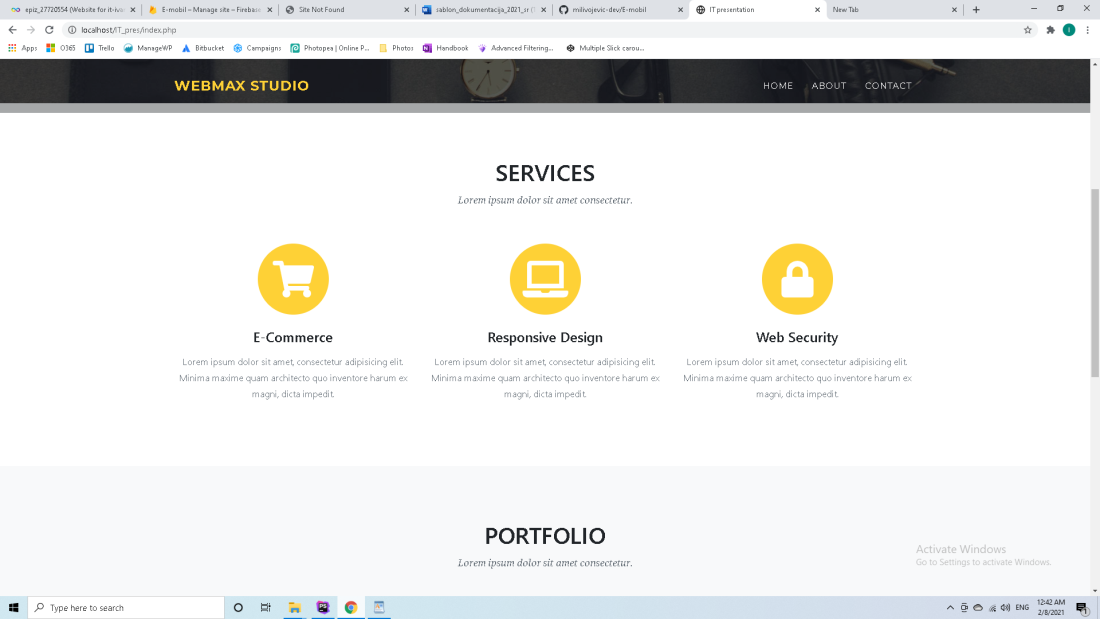
Homepage se sastoji od sekcija Services i Portfolio. Obe se nalaze u container-u, uglavnom su sve klase pozvane pomoću Bootrstrap-a, Services se deli na tri kolone za desktop verziju, dok se za tablet i mobilni prelama u tri reda. Portfolio se na desktopu deli u 3 kolone, na tabletu u 2 kolone, a na mobilnim uređajima se deli u redove, odnosno svaka kartica zauzima širinu 12 kolona.

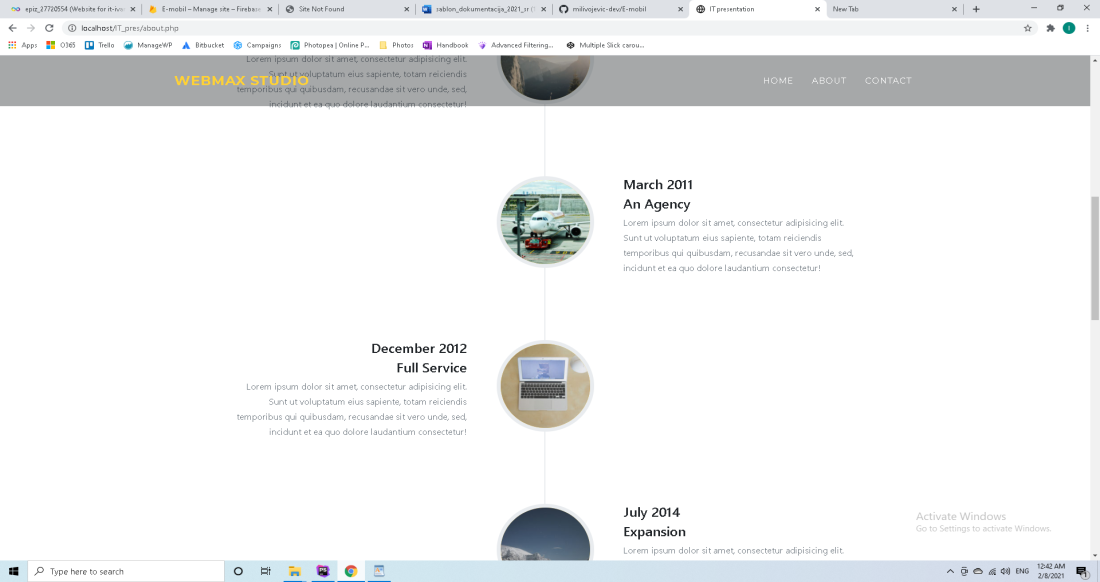
Responsive:



Homepage i About us:

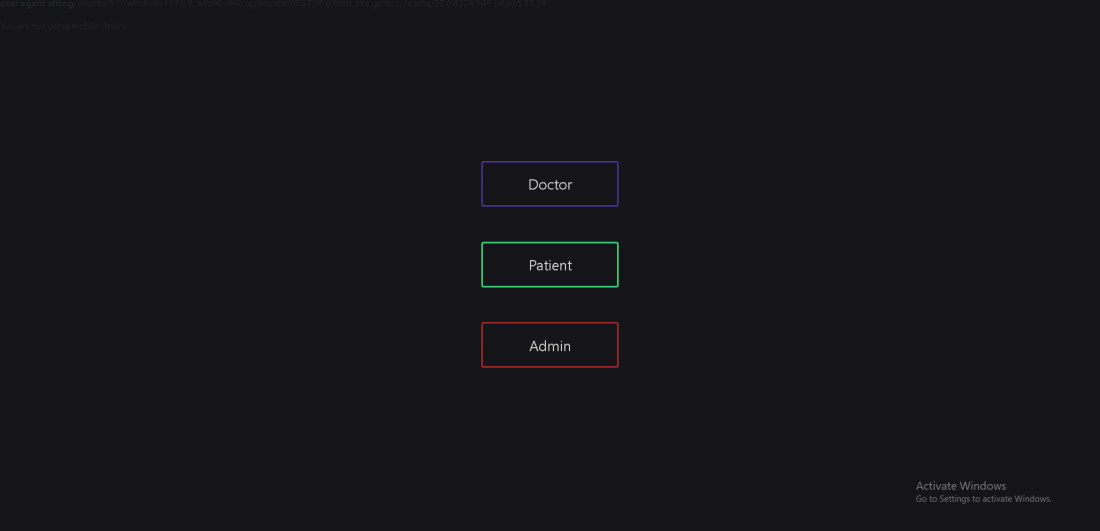






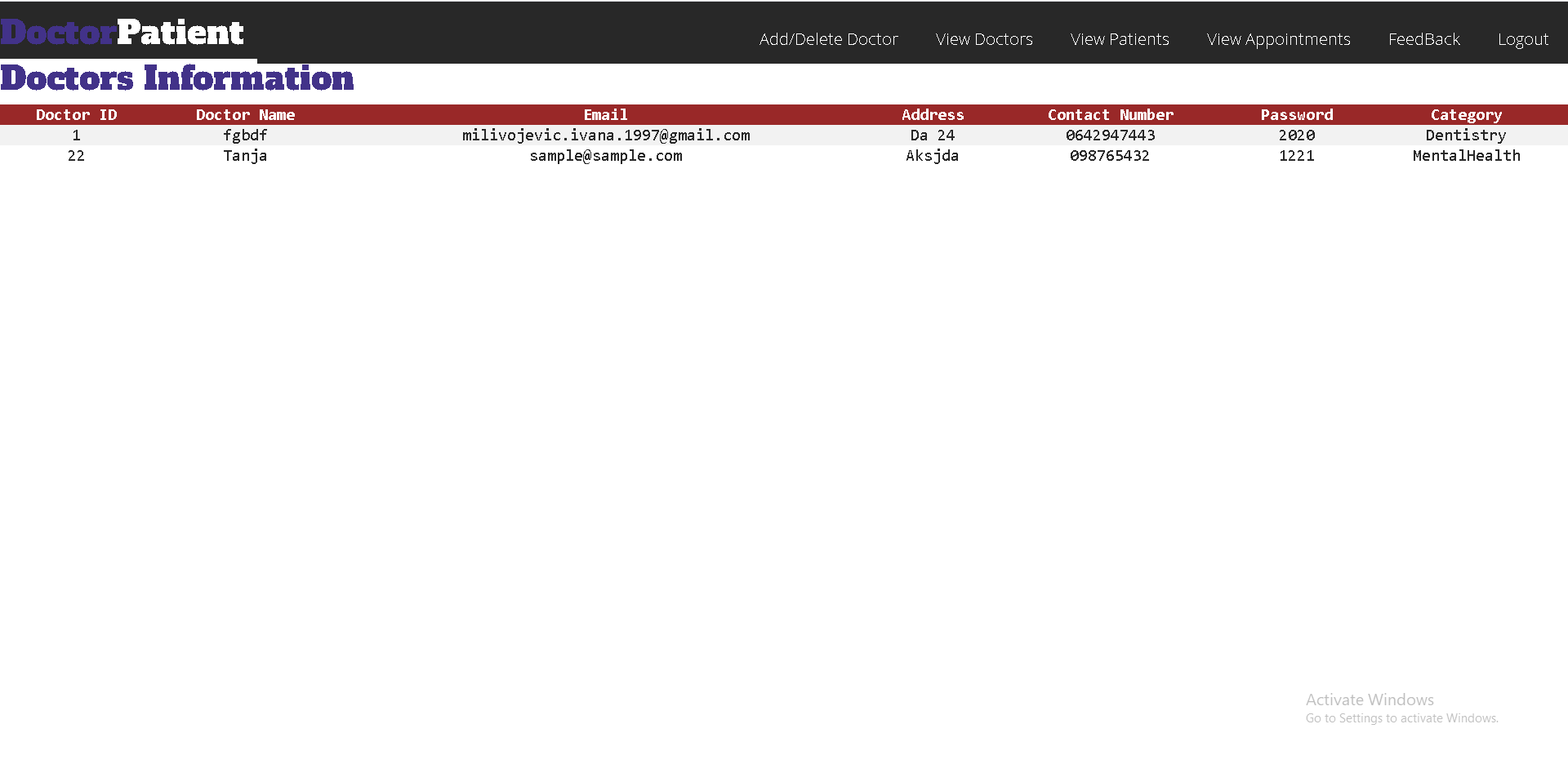
## PROJEKAT:

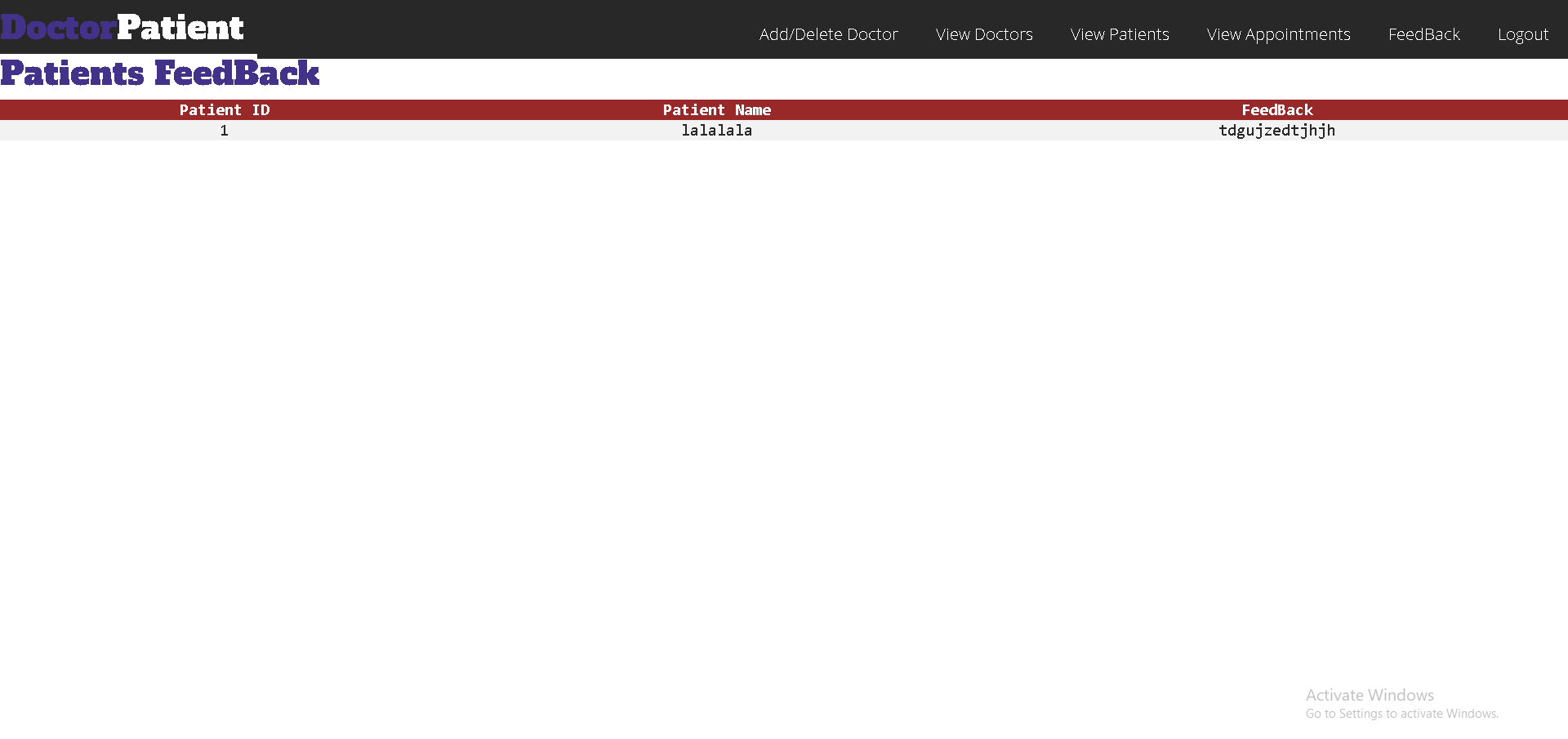
Ovaj projekat na homepage-u ima samo opcije za logovanje kao admin, lekar ili pacijent. U pozadini proverava da li je korisnik pristupio preko mobilnog telefona ili desktopa.



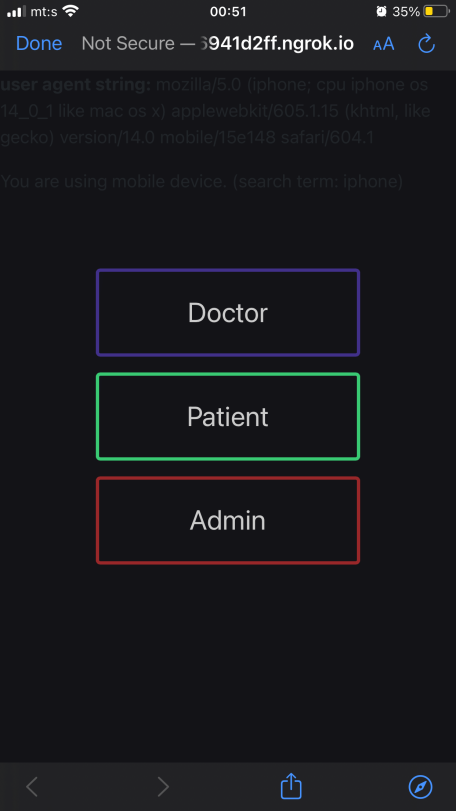
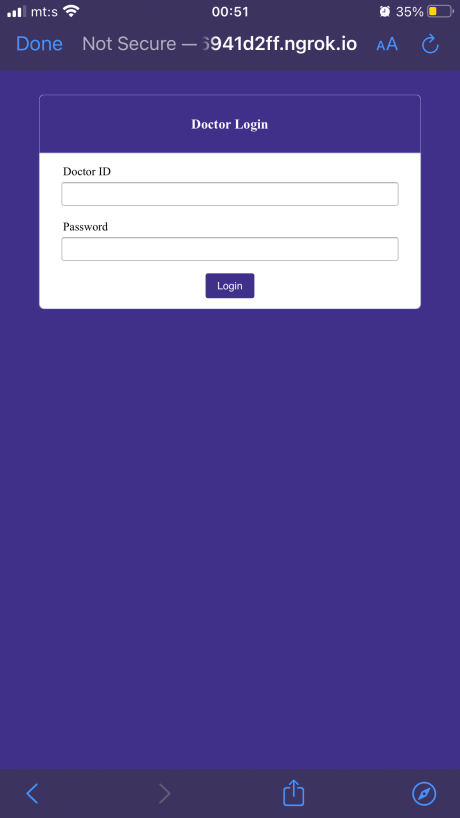
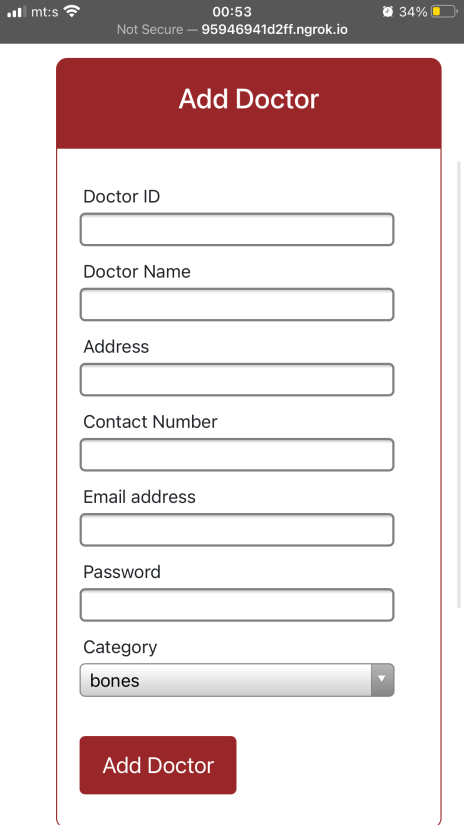
Kad se uloguje kao pacijent ima opciju da zakaze pregled. Na osnovu izabrane vrste doktora, ispisuje se ID lekara koji je takvom pregledu namenjen, bira datum i vreme. Pacijent takođe može da otkaže svoj pregled i da proveri šta je sve do sad zakazao u narednom periodu. Ukoliko nema nalog, ima opciju da se registruje.  
Doktor može da vidi koji su pregledi kod njega zakazani i može da prepiše terapiju koja se, kao i svi ostali podaci, pamti u bazi podataka.

Admin ima pravo da dodaje i briše postojećeg lekara, da izlista sve postojeće kako lekare, tako i pacijente, kao i feedback.

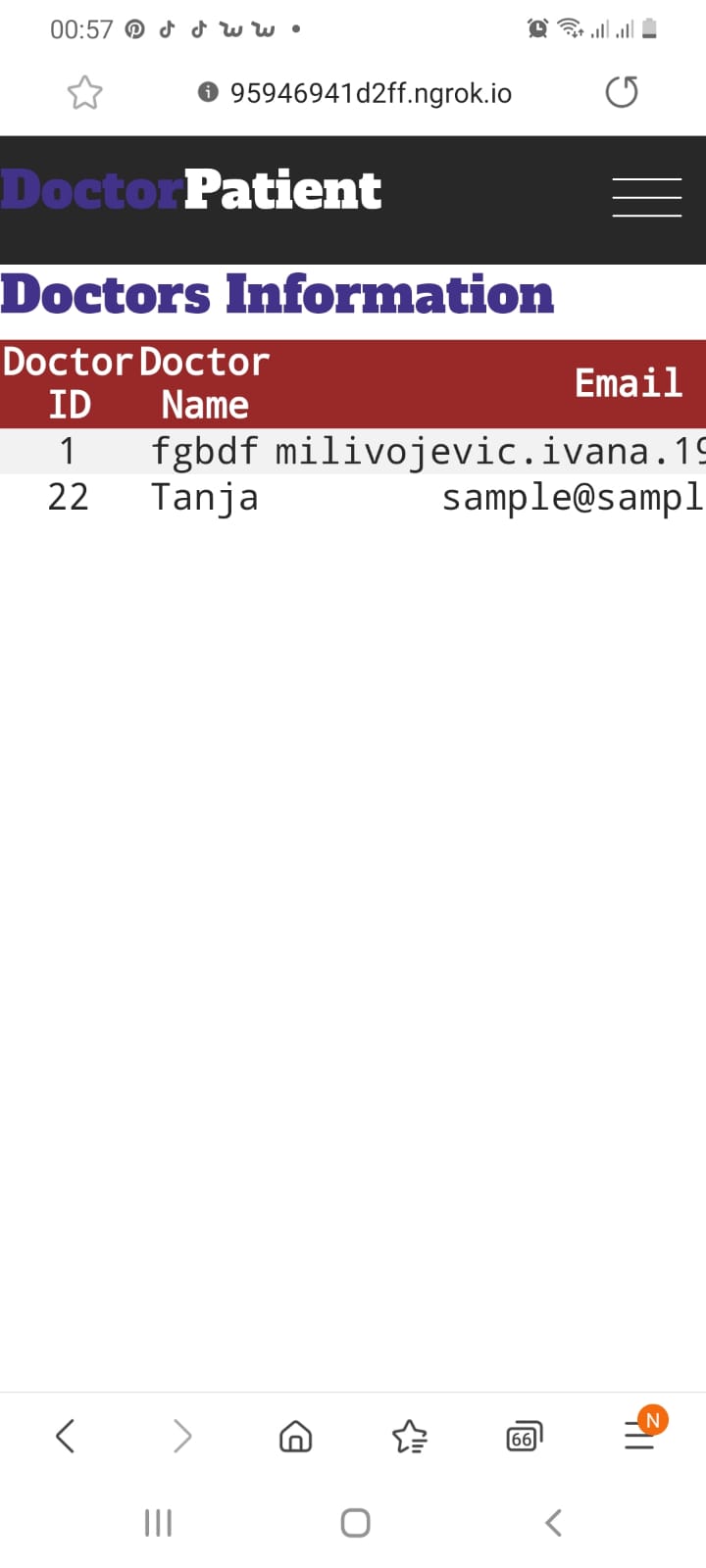




Iphone:

Android:



**KORIŠĆENA LITERATURA**

W1. <https://getbootstrap.com/>

W2. <https://ngrok.com/>

W3. <https://www.php.net/>

W4. <https://www.w3schools.com/>