American International University- Bangladesh

CSC 3215: Web Technologies

CO2 and CO4 Evaluation
Finished Project Report
Fall 2022-2023

Project Title: Toll Collection System
Section: G
Group: 5

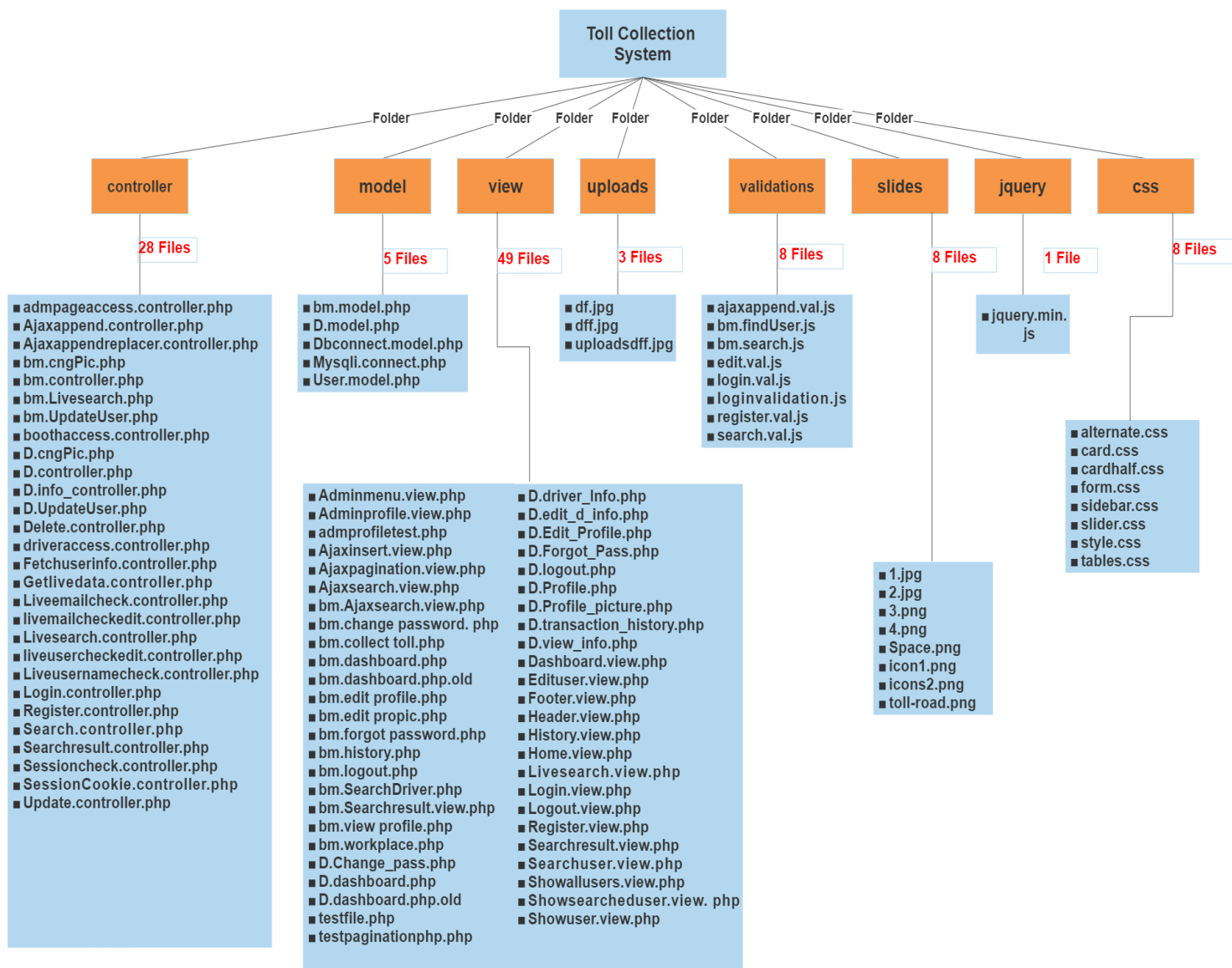| Student Name	Student Id
Ashiqur Rahman	13-25220-3
Minhajur Rahman	20-44166-2
Tania Yeasmin Tonny	20-44168-2

Toll Collection System

Project Description:

As our country is introducing more & more overpasses and bridges through recent road development projects, toll collection is becoming an integral part of them. To make toll collection hassle-free & online-based we have tried to develop a toll collection system that is online-based to reduce the time required to collect tolls manually.

Although there is just one login page on our built website, both the booth manager and driver may log in using the same interface. NB: Additional information on drivers take in later. After that, the admin defines a user whether he is a driver or booth manager by changing the roll number from the database. After logging in, the different features are displayed to different users based on their role/type. The features are well organized and interactive enough. For example, Drivers can view and edit their profiles and view their own transaction history through the web. The booth manager can generate daily live transaction history and will be able to collect tolls by live searching the usernames and vehicle types as well as can view drivers' profiles on the same page. The admin can view and edit the profile of drives and the booth manager also can check all the transactions and live insert and remove any profile.

Project Folder Structure:

Toll Collection System

Core Modules of the Project:

Sessioncheck.controller.php

```php
/*
<?php include '../model/Dbconnect.model.php';

$usertype = null;

if(!isset($_SESSION['userdata']))
{
  header("Location:../view/Home.view.php");
}

if($_SESSION['userdata']['RoleID']==0)
{
  $usertype = 'Driver';
}
else if ($_SESSION['userdata']['RoleID']==1)
{
  $usertype = 'Admin';
}
else if ($_SESSION['userdata']['RoleID']==2)
{
  $usertype = 'Booth Manager';
}
else
{
  header("Location:../view/Login.view.php");
}

?>
*/
```

Liveusernamecheck.controller.php

```php
/*

<?php

require_once '../model/User.model.php';

if(!empty($_POST['username']))
{
    $username = $_POST['username'];

    if(strlen($username) >= 5 && strlen($username) <= 20)
    {

        return DuplicateUsercheck($username);
```

Toll Collection System

```
        }

}

?>      */
```

Register.view.php

```
/*

<?php $page="Register"; ?>

<?php require_once '../controller/Register.controller.php'?>


<!DOCTYPE html>

<html>

<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <link rel="stylesheet" href="../css/form.css" />
    <script src="../jquery/jquery.min.js"></script>
    <script src="../validations/register.val.js"></script>
    <title>Register</title>

    <style>
     .hide{
        display: none;
        }
    </style>

</head>

<body>

    <?php require_once 'Header.view.php'; ?>

     
     
     

    <form method="POST" name ="registerform" enctype="multipart/form-data"
onsubmit="return validateform(this);">
        <div class ="container" align="center">

        <!-- Form Title -->
```

Toll Collection System

```
<h2 class="text-center">User Registration</h2>

<!-- Form Inputs -->

<!-- First Name -->

 <div class="container">
     <div class="row">
       <div class="col-25">
             <label for="fname">First Name</label>
         </div>
         <div class="col-75">
                 <input type="text" name="fname" id="fname"
placeholder="Your First Name" onblur="checkfName()" onkeyup="checkfName()">
                 <p id="fnameErr"></p>
          </div>
     </div>

     <!-- Last Name -->

         <div class="row">
             <div class="col-25">
                 <label for="lname">Last Name</label>
             </div>
             <div class="col-75">
                 <input type="text" name="Lname" id="Lname"
placeholder="Your Last Name" onblur="checklName()" onkeyup="checklName()">
                  <p id="LnameErr"></p>
             </div>
         </div>

     <!-- UserName -->

         <div class="row">
             <div class="col-25">
                 <label for="username">Username</label>
             </div>
             <div class="col-75">
                 <input type="text" name="username" id="username"
placeholder="Your Username" oninput="duplicateusercheck()"
onblur="checkuName()" onkeyup="checkuName()">
                     <p name="unameDup" id="unameDup"></p>
                     <p name="unameErr" id="unameErr"></p>
             </div>
         </div>
```

Toll Collection System

```
<!-- Email -->

<div class="row">
    <div class="col-25">
        <label for="email">E-mail</label>
    </div>
    <div class="col-75">
        <input type="text" name="email" id="email"
placeholder="example@mail.com" oninput="duplicatemailcheck()"
onblur="checkEmail()" onkeyup="checkEmail()">
            <p name="emailDup" id="emailDup"></p>
            <p id="emailErr"></p>
    </div>
</div>


<!-- Password -->

<div class="row">
    <div class="col-25">
        <label for="pass">Password</label>
    </div>
    <div class="col-75">
        <input type="password" id="pass" name="pass"
onblur="checkPass1()">
            <p id="pass1Err"></p>
    </div>
</div>


<!-- Confirm Password -->

<div class="row">
    <div class="col-25">
        <label for="pass2">Confirm Password</label>
    </div>
    <div class="col-75">
        <input type="password" id="pass2" name="pass2"
onblur="checkPass2()">
            <p id="pass2Err"></p>
    </div>
</div>



<!-- Gender -->
```

```html
                    <div class="col-25">
                        <label for="gender">Gender</label>
                    </div>
                    <div class="col-75">
                        <input type="radio" id="Male" name="gender" value
="Male" onblur="checkGender()">
                            <label for="Male">Male</label>
                            <input type="radio" id="Female" name="gender"
value ="Female" onblur="checkGender()">
                            <label for="Female">Female</label>
                            <input type="radio" id="NoPref" name="gender"
value ="Prefer Not to Say" onblur="checkGender()">
                            <label for="NoPref">Prefer not to say</label>
                              <p id="genderErr"></p>
                    </div>

                <!-- Date of Birth -->

                <div class="row">
                    <div class="col-25">
                        <label for="dob">Date of Birth</label>
                    </div>
                    <div class="col-75">
                        <input type="date" id="dob" name="dob"
onblur="checkDob()">
                            <p id="dobErr"></p>
                    </div>
                </div>

                <!-- Register button -->

                <div class="row">
                    <input type="Submit" name="register" id="register"
value="Sign Up" disabled>
                    </div>

        </div>
</div>

     
     
    </form>

    <?php require_once 'Footer.view.php'; ?>
</body>

</html>
        */
```

Toll Collection System

CO2 and CO4 Evaluation: Project Report Evaluation					
Completeness (5)	Validation (5)	Feature Implementation (5)	Concept Understanding (5)	Promptness (5)	Total (25)