

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2020-2021**

**Project Title: Rental Management System**

**Section: F**

|  |  |
| --- | --- |
| Student Name | Student Id |
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**Project Description:**

*Describe your project in short and its main functionalities. You can create sub-heading under this heading with your own formatting. (No more than 300 words)*

In our present world, our life mainly depends on technology and software, people now-a-days wants to accomplish their daily basis works in short time with efficiently.

So to reduce people’s time and energy we are doing this project, so that they can be beneficial through our work. Our system aims at enabling efficient rental management for Web based application.

In our system, the main functionalities you will able to see which are Home, BrowseAds, Categories and Profile etc.

In Home page, there you may see some descriptions of our site and some legal information of our project.

In Browse Ads page, which will present the services that we will provide through a search option, where users can search their service name in the search bar and able to find out there requirements easily and they can also see other details of that service.

In Next functionality, which is the Categories page, where users might see a location wise search option and can find out the services that are available in a selected area through that combo box and also can view the information of that service.

Lastly, in Profile page the users that have signed up our site, can view their information and can also change their details by Update Profile button. Another thing that we have added which is Post New Ads button for the users of sellers, where sellers can post updated ads for the customers. Lastly, for the admin we have added another button which is Manage Seller button, that will help customers’ when they unable to find their service by themself.

Basically, this online rental solution is fully functional and flexible. It is very easy to use. It saves a lot of time and money. This software acts as an office that is open 24/7. It will increase the efficiency of the management at offering quality services to the customers.

**Project Folder Structure:**

*Provide your project folder structure clearly here.*

|  |
| --- |
| Project |

control

css

files

js

view

*index.php*

**Core Modules of the Project:**

*Here, add THREE of your CORE modules’ source code with appropriate filename as heading. (Use either* consolas or courier new *font for source code)*

*For example:*

***DataAccess.php***

   function GetData($sqlQuery)

   {

      $result=$this->conn->query($sqlQuery);

      if(!empty($result->num\_rows))

      {

         return $result;

      }

   }

   function SetData($sqlQuery)

   {

      if ($this->conn->query($sqlQuery) === TRUE)

       {

         return true;

       }

       else

       {

         return false;

       }

   }

***SignUpCheck.php***

<?php

include ('DataAccess.php');

session\_start();

            $newEntry = new DataAccess();

            $UserType=$fName=$userEmail=$userName=$userAddress=$gender=$Password="";

            $UserTypeError=$fNameError=$userEmailError=$userNameError=$contactNoError=$userAddressError=$genderError=$PassError=$FileError="";

            $contactNo;

            $target\_file;

         if (isset($\_POST['submit']))

          {

              if(empty($\_POST["UserType"]))

              {

                $UserTypeError="Select User Type";

              }

              else

              {

                  $UserType=$\_POST['UserType'];

              }

              if(empty($\_POST["fName"]))

              {

                $fNameError="Enter Your Name";

              }

              else

              {

                if (!preg\_match("/^[a-zA-Z-' ]\*$/",$\_POST["fName"])) {

                  $fNameError = "Only letters and white space allowed";

                }

                else

                {

                  $fName=$\_POST['fName'];

                }

              }

              if(empty($\_POST["userEmail"]))

              {

                $userEmailError="Enter Your Email";

              }

              else

              {

                if (!filter\_var($\_POST["userEmail"], FILTER\_VALIDATE\_EMAIL)) {

                  $userEmailError = "Invalid email format";

                }

                else

                {

                  $userEmail=$\_POST["userEmail"];

                }

              }

              if(empty($\_POST["userName"]))

              {

                $userNameError="Enter Your UserName";

              }

              else

              {

                $userName=$\_POST["userName"];

              }

              if(empty($\_POST["gender"]))

              {

                $genderError="Select Your Gender";

              }

              else

              {

                $gender=$\_POST["gender"];

              }

              if(empty($\_POST["Password"]))

              {

                $PassError="Enter Your Password";

              }

              else

              {

                $Password=$\_POST["Password"];

              }

              if(empty($\_POST["userAddress"]))

              {

                $userAddressError="Enter Your Address";

              }

              else

              {

                $userAddress=$\_POST["userAddress"];

              }

              if(empty($\_POST["contactNo"]))

              {

                $contactNoError="Enter Your Contact Number";

              }

              else

              {

                  if (!ctype\_alnum($\_POST["contactNo"])) {

                  $contactNoError = "Only Numbers allowed";

                }

                else

                {

                  $contactNo=$\_POST["contactNo"];

                }

              }

              if(empty($\_FILES["fileToUpload"]))

              {

                $FileError="Select Your Image";

              }

              else

              {

                $target\_dir = "../files/";

                $target\_file = $target\_dir . basename($\_FILES["fileToUpload"]["name"]);

                if (move\_uploaded\_file($\_FILES["fileToUpload"]["tmp\_name"], $target\_file))

                {

                  //$FileError= "The file ". basename( $\_FILES["fileToUpload"]["name"]). " has been uploaded.";

                }

                else{

                  $FileError= "Sorry, there was an error uploading your file.";

                }

              }

            if(!empty($\_POST["UserType"])&&!empty($\_POST["fName"])&&!empty($\_POST["userEmail"])&&!empty($\_POST["userName"])&&!empty($\_POST["gender"])&&!empty($\_POST["Password"]))

            {

              if($UserType=="Seller")

              {

                $stmt=$newEntry->conn->prepare("INSERT INTO Seller VALUES (?,?,?,?,?,?,?,?)");

                $stmt->bind\_param("ssssssss",$userName,$fName,$userEmail,$contactNo,$userAddress,$gender,$Password,$target\_file);

                if($stmt->execute())

                {

                  echo "Seller User Created Redirecting to Login Page";

                  header("Refresh:5;url= Login.php");

                  $stmt->close();

                }

                else

                {

                  echo "Seller User not Created";

                }

              }

              else

              {

                $UserTypeError= "Sorry Another Option isn't availabe right now";

              }

            }

            else

            {

              $res="Must Fill All The Field";

            }

         }

?>

***BrowseAdsControl.php***

class BrowseAdsControl

{

  public $newConn;

  private $query;

  public $filterWord;

  function \_\_construct()

  {

    $this->newConn = new DataAccess();

    $this->query = "SELECT \* FROM SellerAds WHERE Service\_approved=1";

  }

function GetAllAds()

{

  $Allresult=$this->newConn->GetData($this->query);

  return $Allresult;

}

function FilterAds($fq)

{

  $Allresult=$this->newConn->GetData($fq);

  return $Allresult;

}

}

$allAds=new BrowseAdsControl();

if (isset($\_POST['searchBtn'])&&!empty($\_POST["searchtext"]))

{

  $filterQuery="SELECT \* FROM `sellerads` WHERE CONCAT(`Service\_name`, `Service\_price`, `Service\_details`)LIKE '%".$\_POST['searchtext']."%'";

  $result = $allAds->FilterAds($filterQuery);

}

else

{

  $result = $allAds->GetAllAds();

}

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