

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2019-2020**

**Project Title: ONLINE POLLING SYSTEM**

**Section: J**

|  |  |
| --- | --- |
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**Project Description:**

Online polling system is a web application where users can vote their own opinions through votes. In our online polling system at first the user have to **create his/her account** with full name, gender, email address, password & confirm password. Then the user have to **login** to use the system using his/her email address & password. If the password & email id successfully matches with users registered information then he/she can see how many active polls & how many active users are there. In the left hand side there is **profile** option where the user can see only his information. Then there is **edit profile** option where the user can edit his/her information & save those information’s. There is another option which is **change password**. To successfully change it the user need to enter current password & then the new password twice. There is an option call **user list** where every user’s information can be found. The next option is the **poll manager** where you can add polls with at least 2 options & save them. Then comes **Give Vote** option where you can see all the questions & give votes. The last option is the **Vote result** option where you can see the results of all the polls.

**Project Folder Structure:**

There are total 12 .php files where are the main structure of codes are available. They are *createUser.php, index.php, login.php, logout.php, PollAddEdit.php, profile.php, user-edit-profile.php, user-edit.php, user-list.php, user-password-change.php, Vote.php & Vote-Result.php.* There are also 3 .js file which is *PollAddEdit.js*, Vote.js & Vote-Result.js files. There are 7 folder. They are **!db, api, framework, img, inc, template, UnderConstruction**. Inside **!db** folder there is the database file that we have worked. Inside of **api** folder there 2 folders **poll** & **vote***.* Inside the **framework** folder there are total of 6 files *connection.php, Enum.php, function.php, pollAddEditFunction.php, user-info.php & user-profile-function.php.* Inside the **inc** folder there are 2 other folders. One is **css** & another one is **js** folder. Inside the **css** there are **bootstrap, font-awesome, fonts** folder & one *style.css* file. Inside the **js** folder there are **angular, bootstrap, jquery folders** & one *script.js* file. Inside the **template** folder there are *footer.php, footer-with-nav.php, header.php, navbar.php, sidebar.php* files. In the **UnderConstruction** folder there is only one file that is *index.php.*

**Core Modules of the Project:**

***PollAddEdit.php***

<?php

include\_once("./framework/function.php");

include\_once("./framework/pollAddEditFunction.php");

GetHeaderWithNav("Poll Add/Edit");

$errorMessage="";

$isError=false;

$isSave=false;

$id=0;

if(isset($\_GET['id']) && $\_GET['id']>0){

  $id=$\_GET['id'];

}

?>

<div ng-controller="PollAddEditCtrl"   ng-init="Init()" >

<div class="row">

  <div class="col-xs-12 col-sm-12 col-md-12 col-lg-12" style="margin-bottom: 10px;">

    <div class="border-box">

      <h2>Poll Manager</h2>

    </div>

  </div>

</div>

<div ng-show="HasError" class="alert alert-danger">

            <strong>Error!</strong> {{ErrorMsg}}

</div>

<div ng-show="IsDataSave" class="alert alert-success">

            <strong>Message:</strong> Successfully Save Data.

</div>

<div class="row">

   <div class="col-xs-6 col-sm-6 col-md-6 col-lg-6">

     <div class="border-box">

       <h4 style="text-align: center; font-weight: 500;">Poll List</h4>

      <table class="table table-bordered table-hover">

        <thead>

          <tr>

            <th>SN</th>

            <th>Name</th>

            <th>Action</th>

          </tr>

        </thead>

        <tbody>

          <tr  ng-repeat="row in pollList">

            <td>{{$index+1}}</td>

            <td>{{row.Name}}</td>

            <td style="text-align: center; width: 110px;">

              <button type="button" ng-click="EditPoll(row)" class="btn btn-xs btn-info">Edit</button>

              <button type="button" ng-click="DeletePoll(row.Id)" class="btn btn-xs  btn-danger">Delete</button>

            </td>

          </tr>

        </tbody>

      </table>

     </div>

   </div>

      <div class="col-xs-6 col-sm-6 col-md-6 col-lg-6" style="padding-bottom: 20px; border-radius: 5px;">

      <div class="border-box">

        <h4 style="text-align: center; font-weight: 500;">Poll Add/Edit</h4>

        <div style="text-align: right;">

          <button ng-click="GetPollById(0)" class="btn btn-xs btn-primary">Add New</button>

        </div>

        <div class="form-group">

            <label for="Name">Name:</label>

              <input type="text" ng-model="SelectedPoll.Name"  class="form-control">

        </div>

        <label for="Name">Options:</label>

        <button ng-click="AddOption()" type="button" class="btn btn-xs btn-info" style="float: right;">Add Option</button>

           <div>

           <table class="table ">

             <tbody>

               <tr ng-repeat="row in SelectedPoll.OptionList">

                  <td style="width: 240px;">

                  <div class="radio">

                    <label>

                    <input type="radio" name="poll-option" >

                    <input type="text" ng-model="row.Name" style="height: 24px;"  class="form-control">

                    </label>

                  </div>

                  </td>

                  <td style="vertical-align: middle;">

                  <button ng-click="DeletePollOption(row.Id,$index)" type="button" class="btn btn-xs btn-danger">X</button></td>

               </tr>

             </tbody>

           </table>

           </div>

            <div style="text-align: center;">

              <button ng-click="SavePoll()" class="btn btn-default btn-success">Save</button>

            </div>

      </div>

      </div>

    </div>

</div>

  <?php GetFooterWithNav("PollAddEdit.js"); ?>

***PollAddEdit.js***

pollingApp.controller('PollAddEditCtrl', function ($scope, $http) {

    $scope.ErrorMsg = false;

    $scope.HasError ="";

    $scope.IsDataSave=false;

    $scope.HasViewPermission = false;

    $scope.MessageClear = function(){

        $scope.ErrorMsg = false;

        $scope.HasError ="";

        $scope.IsDataSave=false;

    }

$scope.SelectedPoll=[];

$scope.GetPollById = function(id) {

    $http({

        method: 'GET',

        url: './api/poll/GetPoll.php?id='+id

    }).then(function (response) {

        $scope.result = response.data;

        if(!$scope.result.hasError){

          // on success

            $scope.SelectedPoll= $scope.result.data;

            $scope.SelectedPoll.OptionList.push($scope.GetNewPollOption());

       }else{

           $scope.HasError= $scope.result.hasError;

           $scope.ErrorMsg= $scope.result.error;

       }

    }, function (response) {

        // on error

        console.log(response.data,response.status);

    });

};

$scope.DeletePoll = function(id) {

    $scope.MessageClear();

    $http({

        method: 'GET',

        url: './api/poll/DeletePoll.php?id='+id

    }).then(function (response) {

        $scope.result = response.data;

        if(!$scope.result.hasError){

          // on success

          console.log($scope.result);

          $scope.GetPollListByUserId();

       }else{

           $scope.HasError= $scope.result.hasError;

           $scope.ErrorMsg= $scope.result.error;

       }

    }, function (response) {

        // on error

        console.log(response.data,response.status);

    });

};

$scope.DeletePollOption = function(id,index) {

    $scope.MessageClear();

    if(id<=0){

        $scope.SelectedPoll.OptionList.splice(index,1)

        return;

    }

    $http({

        method: 'GET',

        url: './api/poll/DeletePollOption.php?id='+id

    }).then(function (response) {

        $scope.result = response.data;

        if(!$scope.result.hasError){

          // on success

          console.log($scope.result);

          $scope.GetPollListByUserId();

       }else{

           $scope.HasError= $scope.result.hasError;

           $scope.ErrorMsg= $scope.result.error;

       }

    }, function (response) {

        // on error

        console.log(response.data,response.status);

    });

};

$scope.AddOption=function(){

    $scope.MessageClear();

    if($scope.SelectedPoll.OptionList!=undefined){

        $scope.SelectedPoll.OptionList.push($scope.GetNewPollOption());

    }

}

$scope.GetPollListByUserId = function() {

    $scope.MessageClear();

    $http({

        method: 'GET',

        url: './api/poll/GetPollListByUserId.php'

    }).then(function (response) {

        // on success

        $scope.result = response.data;

        $scope.pollList= $scope.result.data;

    }, function (response) {

        // on error

        console.log(response.data,response.status);

    });

};

$scope.EditPoll = function(row) {

    $scope.SelectedPoll=row;

    $scope.MessageClear();

};

$scope.SavePoll = function() {

    $scope.MessageClear();

    $http({

         method: 'POST',

         url:  './api/poll/SavePoll.php',

         data: $scope.SelectedPoll

    }).then(function (response) {// on success

        $scope.result = response.data;

        if(!$scope.result.hasError){

            // on success

            $scope.SelectedPoll.Id= $scope.result.data;

            $scope.GetPollListByUserId();

            $scope.IsDataSave=true;

       }else{

           $scope.HasError= $scope.result.hasError;

           $scope.ErrorMsg= $scope.result.error;

       }

    }, function (response) {

         console.log(response.data,response.status);

    });

};

 $scope.GetNewPollOption = function(){

     var pollOption ={

    "Id": 0,

    "PollId": 0,

    "Name": "",

    "OrderNo": 1,

    "ImageId": "null",

    "PollCount": 0

     };

     return pollOption;

  }

$scope.Init = function ()

{

    $scope.GetPollListByUserId();

};

});

***SavePoll.php***

<?php

require '../../framework/connection.php';

$result = array();

$result['data']=[];

$result['hasError']=false;

$result['error']="";

// Add the new data to the database.

$postdata = file\_get\_contents("php://input");

if(isset($postdata) && !empty($postdata))

{

    $request     = json\_decode($postdata);

    $Id  = $request->Id;

    $Name  = $request->Name;

    $StatusEnumId  = 1;

    $TypeEnumId  = 1;

    $IsPublic  = 'false';

    $ImageId  = 'null';

    $CreateBy  = $\_COOKIE["Id"];

    if($Name==""){

        $result['hasError']=true;

        $result['error'].="Invalid Poll Name.";

    }

    if(count($request->OptionList)<2){

        $result['hasError']=true;

        $result['error'].="Please Give Minimum Two Options.";

    }

   if(!$result['hasError']){

        if($Id<=0)

        {

            $sql = "INSERT INTO poll (Name, StatusEnumId, TypeEnumId, IsPublic, ImageId, CreateBy) VALUE('$Name', $StatusEnumId,$TypeEnumId,  $IsPublic,$ImageId,$CreateBy)";

        }else{

            $sql = "UPDATE poll set Name='$Name', StatusEnumId=$StatusEnumId, TypeEnumId=$TypeEnumId, IsPublic=$IsPublic, ImageId=$ImageId, CreateBy=$CreateBy where Id = $Id";

        }

        $db = GetDb();

        mysqli\_query($db,$sql);

        $pollId=0;

        if($Id<=0){

            $pollId=$db->insert\_id;

        }else{

            $pollId=$Id;

        }

        $result['data']=$pollId;

        $sqlPollOption = GetPolOptionSql($request->OptionList,  $pollId);

        $db = GetDb();

        $db->multi\_query($sqlPollOption);

    }

    $json = json\_encode($result);

            echo $json;

    exit;

}

function GetPolOptionSql($OptionList,$pollId ){

    $sqlPollOption="";

    $x = 1;

    foreach ($OptionList  as $option) {

        $Id = $option->Id;

        $PollId = $pollId;

        $Name = $option->Name;

        $OrderNo =  $x;

        $ImageId =  "null";

        $PollCount = 0;

        if($Id<=0){

            // Insert

            $sqlPollOption .="INSERT INTO poll\_option (PollId, Name, OrderNo, ImageId, PollCount) VALUES($PollId, '$Name', $OrderNo ,$ImageId, $PollCount);";

        }else{

            //Update

            $sqlPollOption .= "UPDATE poll\_option set Name='$Name', OrderNo=$OrderNo, ImageId=$ImageId where Id = $Id;";

        }

        $x++;

    }

    return  $sqlPollOption;

}

?>

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