



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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ONLINE POLLING SYSTEM

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'];
}
?>
```



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```
<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>
</div>
```



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```
        </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;">
```



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```
        <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;
            }
        })
    }
})
```



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```
    }, 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
```



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```
)).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.ErrorMessage= $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);

    });
};
```



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```
$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.ErrorMessage= $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",
```



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```
"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.";
    }
}
```



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```
}
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="";
```



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```
$x = 1;

foreach ($OptionList as $option) {

    $Id = $option->Id;
    $PollId = $pollId;
    $Name = $option->Name;
    $OrderNo = $x;
    $ImageId = "null";
    $PollCount = 0;

    if($Id<=0){
        // Insert
        $sqlPollOption .= "INSERT INTO poll_option (PollId, Name, OrderNo, Image
Id, PollCount) VALUES($PollId, '$Name', $OrderNo , $ImageId, $PollCount);";

    }else{
        //Update
        $sqlPollOption .= "UPDATE poll_option set Name='$Name', OrderNo=$OrderN
o, ImageId=$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)

