

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Fall 2023-2024**

**Project Title: Job Portal**

**Section: E**

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

Job Portal is a job search engine designed to make the process of finding a job on the internet easier for the user. It maps the huge selection of job offerings available on the internet in one extensive database by referencing job listings originating from job boards, recruitment agency websites. This project aims to mitigate the problem by creating a common platform for seeking and publishing jobs.

1. **User Category:**

There are 3 types of Users here. They are:

* Admin
* Employer/Company
* Job Seeker

1. **Feature List:**

In this project the “Admin” has the following features:

* Manage new seeker’s registration.
* Approve and reject company registration.
* Manage admins.
* Manage posted jobs by company.
* Manage Profile

In this project the “Employer/Company” has the following features:

* Create new Job posts.
* Remove or edit posts.
* Search all job posts.
* Approve or reject job applications.

In this project the “Seeker” has the following features:

* Manage profile.
* Add info in resume.
* Search and apply for Jobs.
* Manage applied jobs.
* Notification of either application accepted or rejected.

**Project Folder Structure:**

**Asset Controller JS**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **View** | **PRD**    **DataBase**    **Model** |

**Three Core Modules of the Project:**

**One module from Admin Operation:**

**view\_jobs\_admin.php**

*<html>*

*<head>*

*<title>Job Search</title>*

*<?php*

*include\_once("admin\_header.php");*

*?>*

*<link rel="stylesheet" href="../asset/css/view\_jobs\_admin.css">*

*<script src="../js/adminjobsearch.js"></script>*

*</head>*

*<body>*

*<table align="center" width="1000px" id="tt1">*

*<tr align="center">*

*<td>*

*<label align="center"></label>*

*<table>*

*<tr>*

*<td>*

*<a class="styled" href="admin.php">Go Back</a>*

*</td>*

*</tr>*

*</table>*

*</td>*

*</tr>*

*<tr>*

*<td>*

*<div id="dd1">*

*<table width="1000px">*

*<tr>*

*<td>Job Title :</td>*

*<td colspan="4"><input type="text" name="title" id="title" value=""></td>*

*<td>Company Name :</td>*

*<td><input type="text" name="comp\_name" id="comp\_name" value=""></td>*

*</tr>*

*<tr>*

*<td colspan="7"></td>*

*</tr>*

*<tr>*

*<td>*

*<legend id="cc2">Catagory</legend><br>*

*<select name="category" id="category">*

*<option value="" selected>Select a Type</option>*

*<option value="Accounting">Accounting</option>*

*<option value="Banking">Banking</option>*

*<option value="Development">Development</option>*

*<option value="Insurance">Insurance</option>*

*<option value="IT">IT</option>*

*<option value="Healthcare">Healthcare</option>*

*<option value="Marketting">Marketting</option>*

*<option value="Management">Management</option>*

*<option value="Generalmanagment">Generalmanagment</option>*

*<option value="Medical">Medical</option>*

*<option value="Garments">Garments</option>*

*<option value="Engineer">Engineer</option>*

*<option value="Bank/Non-Bank Fin. Institution">Bank/Non-Bank Fin. Institution</option>*

*<option value="Beautycare">Beautycare</option>*

*<option value="Education">Education</option>*

*<option value="Tourism">Tourism</option>*

*<option value="Security">Security</option>*

*<option value="Supplychain">Supplychain</option>*

*<option value="Research">Research</option>*

*<option value="Receptionist">Receptionist</option>*

*<option value="Dataentry">Dataentry</option>*

*<option value="Others">Others</option>*

*</select>*

*</td>*

*<td>*

*<legend>Type</legend><br>*

*<select name="type" id="type">*

*<option value="" selected>Any</option>*

*<option value="full-time">Full-Time</option>*

*<option value="part-time">Part-Time</option>*

*<option value="internship">Internship</option>*

*</select>*

*</td>*

*<td>*

*<legend>Salary</legend><br>*

*<select name="salary" id="salary">*

*<option value="" selected>Any</option>*

*<option value="<10000">&lt; $10000</option>*

*<option value="10000-25000">$10000 - $25000</option>*

*<option value="25000-50000">$25000 - $50000</option>*

*<option value=">50000">&gt; $50000</option>*

*</select>*

*</td>*

*<td>*

*<legend>Experience</legend><br>*

*<select name="experience" id="experience">*

*<option value="" selected>Any</option>*

*<option value="<1">&lt; 1 year</option>*

*<option value="1-3">1 - 3 years</option>*

*<option value="3-5">3 - 5 years</option>*

*<option value=">5">&gt; 5 years</option>*

*</select>*

*</td>*

*<td colspan="5">*

*<legend>Location :</legend><br>*

*<input type="text" name="location" id="location" value="">*

*</td>*

*</tr>*

*<tr>*

*<td colspan="7" align="center" id="rr002">*

*<input class="styled" type="submit" value="Search" onclick="yy()">*

*</td>*

*</tr>*

*</table>*

*</div>*

*</td>*

*</tr>*

*<tr align="center">*

*<td>*

*<div id="error-container"></div>*

*</td>*

*</tr>*

*</table>*

*</body>*

*</html>*

*<?php*

*include\_once ('footer.php');*

*?>*

**adminjobsearch.js**

*function yy() {*

*var xhttp = new XMLHttpRequest();*

*var title = document.getElementById("title").value;*

*var comp\_name = document.getElementById("comp\_name").value;*

*var category = document.getElementById("category").value;*

*var type = document.getElementById("type").value;*

*var salary = document.getElementById("salary").value;*

*var experience = document.getElementById("experience").value;*

*var location = document.getElementById("location").value;*

*let d1 = {*

*'title': title,*

*'comp\_name': comp\_name,*

*'category': category,*

*'type': type,*

*'salary': salary,*

*'experience': experience,*

*'location': location*

*}*

*let d2 = JSON.stringify(d1);*

*xhttp.open("POST", "../controller/admin\_profile/jobsearchcontrol.php", true);*

*xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");*

*xhttp.send('data='+d2)*

*xhttp.onreadystatechange = function() {*

*if (this.readyState == 4 && this.status == 200) {*

*if(this.responseText === "error"){*

*document.getElementById('error-container').innerHTML = "<p style='color: red; font-size: 22px; font-weight:bold;'>No matching jobs found!...</p>";*

*}else{*

*let resp = JSON.parse(this.responseText);*

*createTable(resp);*

*}*

*}*

*}*

*}*

*function createTable(data) {*

*let tableHtml = '<table border="3" style="border-collapse:collapse; width:100%;">';*

*tableHtml += '</tr>';*

*for (let key in data[0]) {*

*tableHtml += '<th style="background-color:aquamarine; height:40px;">' + key + '</th>'; // data(main associative array)*

*}*

*tableHtml += '<th style="background-color:aquamarine; height:40px;">' + "Operation" + '</th>';*

*tableHtml += '</tr>';*

*for (let i = 0; i < data.length; i++) { // table rows (iterating over eacha associative arrays)*

*tableHtml += '<tr>';*

*for (let key in data[i]) {*

*tableHtml += '<td style="background-color:#EEF5FF; height:30px;">' + data[i][key] + '</td>'; // associative array inside data(main array)*

*} // data[i][key] - Represent the key values of the associative arrays*

*tableHtml += '<td style="background-color:#EEF5FF; height:30px;">' +*

*'<a href="#" onclick="deleteRow(' + data[i]['id'] + ')" style="text-decoration:none; padding:2px; background-color:red; color:white; font-weight:bold; border:2px solid black;border-radius:6px;margin-left:15px;">'*

*+ "Delete" + '</a>' +*

*'</td>';*

*tableHtml += '</tr>';*

*}*

*tableHtml += '</table>'; // table end*

*document.getElementById('error-container').innerHTML = tableHtml;*

*}*

*function deleteRow(id) {*

*let xhttp = new XMLHttpRequest();*

*xhttp.open("POST","../controller/anonymous.php",true);*

*xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");*

*xhttp.send('id=' + id)*

*xhttp.onreadystatechange = function() {*

*if (this.readyState==4 && this.status==200) {*

*if(this.responseText === "success"){*

*alert("Deleted Successfully..");*

*window.location.reload();*

*}else{*

*alert("Error in database.");*

*}*

*}*

*}*

*}*

**jobsearchcontrol.php**

*<?php*

*require\_once("../../model/userModel.php");*

*$jsonData = $\_POST['data'];*

*$data = json\_decode($jsonData, true); // True = For associative array, if not given then it will return an object*

*$title = $data['title'];*

*$comp\_name = $data['comp\_name'];*

*$category = $data['category'];*

*$type = $data['type'];*

*$salary = $data['salary'];*

*$experience = $data['experience'];*

*$location = $data['location'];*

*$jobs = searchJobs($title, $comp\_name, $category, $type, $salary, $experience, $location);*

*if (!empty($jobs)) {*

*echo json\_encode($jobs);*

*} else {*

*echo "error";*

*}*

*?>*

**One module from Company Operation:**

**view\_candidate.php**

*<?php*

*include\_once("empheader.php");*

*?>*

*<html>*

*<head>*

*<script src="../../js/view\_candidate.js"></script>*

*<link rel="stylesheet" href="../../asset/css/com\_login/view\_candidate.css">*

*</head>*

*<body onload="retrCandidate()">*

*<table align="center" width="1000px" id="tt1">*

*<tr align="center">*

*<td>*

*<label align="center"></label>*

*<table>*

*<tr>*

*<td>*

*<a class="styled" href="company\_dash.php">Go Back</a>*

*</td>*

*</tr>*

*</table>*

*</td>*

*</tr>*

*<tr>*

*<td>*

*<div id="dd1">*

*</div>*

*</td>*

*</tr>*

*</table>*

*</body>*

*</html>*

*<?php*

*include\_once ('../footer.php');*

*?>*

**view\_candidate.js**

*function retrCandidate(){*

*let xhttp = new XMLHttpRequest();*

*xhttp.open("POST", "../../controller/company/view\_candidate\_control.php", true);*

*xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");*

*xhttp.send();*

*xhttp.onreadystatechange = function() {*

*if (this.readyState == 4 && this.status == 200) {*

*if(this.responseText === "failed"){*

*document.getElementById('dd1').innerHTML = "<p style='color: red; font-size: 22px; font-weight:bold;'>No Candidates on Queue!...</p>";*

*}else{*

*let resp = JSON.parse(this.responseText);*

*createTable(resp);*

*}*

*}*

*}*

*}*

*function createTable(data) {*

*let tableHtml = '<table border="3" style="border-collapse:collapse; width:1000px;">';*

*tableHtml += '<tr>';*

*for (let key in data[0]) {*

*// Exclude specific columns (comp\_mail and comp\_number)*

*if (key !== 'comp\_mail' && key !== 'comp\_number') {*

*tableHtml += '<th style="background-color:aquamarine; height:40px;">' + key + '</th>';*

*}*

*}*

*tableHtml += '<th style="background-color:aquamarine; height:40px;">' + "Operation" + '</th>';*

*tableHtml += '</tr>';*

*for (let i = 0; i < data.length; i++) {*

*tableHtml += '<tr>';*

*for (let key in data[i]) {*

*// Exclude specific columns (comp\_mail and comp\_number)*

*if (key !== 'comp\_mail' && key !== 'comp\_number') {*

*// Check if the column is 'approval' and its value is 0*

*if (key === 'approval' && data[i][key] == 0) {*

*tableHtml += '<td style="background-color:#EEF5FF; height:30px;">Pending</td>';*

*} else {*

*tableHtml += '<td style="background-color:#EEF5FF; height:30px;">' + data[i][key] + '</td>';*

*}*

*}*

*}*

*tableHtml += '<td style="background-color:#EEF5FF; height:30px;">' +*

*'<a href="#" onclick="approve(' + data[i]['id'] + ')" style="text-decoration:none; padding:2px; background-color:green; color:white; font-weight:bold; border:2px solid black;border-radius:6px;margin-left:15px;">' +*

*"Approve" + '</a>' +*

*'</td>';*

*tableHtml += '</tr>';*

*}*

*tableHtml += '</table>';*

*document.getElementById('dd1').innerHTML = tableHtml;*

*}*

*function approve(id){*

*let xhttp = new XMLHttpRequest();*

*xhttp.open("POST","../../controller/company/candidate\_approval.php",true);*

*xhttp.setRequestHeader("Content-type", "application/x-www-form-urlencoded");*

*xhttp.send('id=' + id)*

*xhttp.onreadystatechange = function() {*

*if (this.readyState==4 && this.status==200) {*

*if(this.responseText === "ss"){*

*alert("Approved Successfully...");*

*window.location.reload();*

*}else{*

*alert("Error in database.");*

*}*

*}*

*}*

*}*

**view\_candidate\_control.php**

*<?php*

*require\_once "../../model/userModel.php";*

*$encryptionKey = "kieuTTQQpl)(8!nn"; //Encryption key (secret)*

*$id = openssl\_decrypt($\_COOKIE['cid'], 'aes-256-cbc', $encryptionKey, 0, $encryptionKey);*

*$status = retrieveCandidate($id);*

*if(!empty($status)){*

*echo json\_encode($status);*

*}else{*

*echo "failed";*

*}*

*?>*

**One module from Seeker Operation:**

**seeker\_notification.php**

*<!DOCTYPE html>*

*<html lang="en">*

*<head>*

*<meta charset="UTF-8">*

*<meta name="viewport" content="width=device-width, initial-scale=1.0">*

*<link rel="stylesheet" href="../../asset/css/seeker/seeker\_notification.css">*

*<title>Seeker Notifications</title>*

*</head>*

*<body>*

*<div style="display:flex">*

*<?php*

*include\_once("Dashboard.php");*

*include\_once('../../model/userModel.php');*

*$info = getAllSeekerApprovedJobs();*

*$encryptionKey = "kieuTTQQpl)(8!nn"; //Encryption key (secret)*

*$userID = openssl\_decrypt($\_COOKIE['sid'], 'aes-256-cbc', $encryptionKey, 0, $encryptionKey);*

*?>*

*<div class="main-content">*

*<form>*

*<div class="th-content">*

*<table class="table-st">*

*<tr>*

*<td class="head-td">Company Name</td>*

*<td class="head-td">Company Email</td>*

*<td class="head-td">Contact Number</td>*

*<td class="head-td">Title</td>*

*<td class="head-td">Status</td>*

*</tr>*

*</table>*

*</div>*

*<table class="table-st">*

*<tr>*

*<td colspan="5"><hr></td>*

*</tr>*

*<?php for($i=0; $i<count($info); $i++) {*

*if($info[$i]['userID'] == $userID)*

*{*

*$sID = $info[$i]['id'];*

*?>*

*<tr>*

*<td class="td-value"><?=$info[$i]['comp\_name']?></td>*

*<td class="td-value"><?= $info[$i]['comp\_mail'] !== null ? $info[$i]['comp\_mail'] : '-----' ?></td>*

*<td class="td-value"><?= $info[$i]['comp\_number'] !== null ? $info[$i]['comp\_number'] : '-----' ?></td>*

*<td class="td-value"><?=$info[$i]['title']?></td>*

*<td class="td-value2 <?php echo ($info[$i]['approval'] == 1) ? 'accepted' : 'not-accepted'; ?>">*

*<?php*

*if ($info[$i]['approval'] == 1) {*

*echo "Accepted";*

*echo "<br>";*

*echo "now contact through email";*

*} else {*

*echo "Not Approved";*

*}*

*?>*

*</td>*

*</tr>*

*<?php } }?>*

*</table>*

*</form>*

*</div>*

*</div>*

*</body>*

*</html>*

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