<?php  
namespace CSY2028;  
class DatabaseTable {  
 private $table;  
 private $primaryKey;  
 public function \_\_construct($pdo, $table, $primaryKey) {  
 $this->pdo = $pdo;  
 $this->table = $table;  
 $this->primaryKey = $primaryKey;  
 }  
  
 public function find($field, $value) {  
 $stmt = $this->pdo->prepare('SELECT \* FROM ' . $this->table . ' WHERE ' . $field . ' = :value');  
  
 $criteria = [  
 'value' => $value  
 ];  
  
 $stmt->execute($criteria);  
  
 return $stmt->fetchAll();  
 }  
  
  
 public function findAll() {  
 $stmt = $this->pdo->prepare('SELECT \* FROM ' . $this->table);  
  
 $stmt->execute();  
  
 return $stmt->fetchAll();  
 }  
  
 public function insert($record) {  
 $keys = array\_keys($record);  
  
 $values = implode(', ', $keys);  
 $valuesWithColon = implode(', :', $keys);  
  
 $query = 'INSERT INTO ' . $this->table . ' (' . $values . ') VALUES (:' . $valuesWithColon . ')';  
  
 $stmt = $this->pdo->prepare($query);  
  
 $stmt->execute($record);  
 }  
  
 public function delete($id) {  
 $stmt = $this->pdo->prepare('DELETE FROM ' . $this->table . ' WHERE ' . $this->primaryKey . ' = :id');  
 $criteria = [  
 'id' => $id  
 ];  
 $stmt->execute($criteria);  
 }  
  
  
 public function save($record) {  
 try {  
 if (empty($record[$this->primaryKey])) {  
 unset($record[$this->primaryKey]);  
 }  
 $this->insert($record);  
 }  
 catch (\Exception $e) {  
 $this->update($record);  
 }  
 }  
  
 public function update($record) {  
  
 $query = 'UPDATE ' . $this->table . ' SET ';  
  
 $parameters = [];  
 foreach ($record as $key => $value) {  
 $parameters[] = $key . ' = :' .$key;  
 }  
  
 $query .= implode(', ', $parameters);  
 $query .= ' WHERE ' . $this->primaryKey . ' = :primaryKey';  
  
 $record['primaryKey'] = $record[$this->primaryKey];  
  
 $stmt = $this->pdo->prepare($query);  
  
 $stmt->execute($record);  
 }  
  
 public function join ($query, $values)  
 {  
 $stmt = $this->pdo->prepare($query);  
 $stmt->execute($values);  
 return $stmt->fetchAll();  
 }  
  
}

<?php  
  
namespace CSY2028;  
class EntryPoint  
{  
 private $routes;  
  
 public function \_\_construct(Routes $routes) {  
 $this->routes = $routes;  
 }  
  
 public function run() {  
  
 $route = ltrim(explode('?', $\_SERVER['REQUEST\_URI'])[0], '/');  
 $page = $this->routes->getPage($route);  
 $output = $this->loadTemplate('../templates/' . $page['template'], $page['variables']);  
 $title = $page['title'];  
  
 require '../templates/layout.html.php';  
  
 }  
  
 public function loadTemplate($fileName, $templateVars) {  
 extract($templateVars);  
 ob\_start();  
 require $fileName;  
 $contents = ob\_get\_clean();  
 return $contents;  
  
 }  
  
}

<?php  
  
namespace Ijdb\Controllers;  
  
class Admin  
{  
 private $categoriesTable;  
 private $jobsTable;  
 private $applicantsTable;  
 private $adminsTable;  
 private $contactTable;  
  
 public function \_\_construct($jobsTable, $categoriesTable, $applicantsTable, $adminsTable, $contactTable)  
 {  
 $this->applicantsTable = $applicantsTable;  
  
 $this->jobsTable = $jobsTable;  
  
 $this->categoriesTable = $categoriesTable;  
  
 $this->adminsTable = $adminsTable;  
  
 $this->contactTable = $contactTable;  
 }  
 /\*---------------- ENQUIRIES ----------------\*/  
  
 public function enquiry(): array  
 {  
 $this->checklogin();  
 $query = 'SELECT c.\*, u.username  
 FROM contact c  
 LEFT JOIN user u  
 ON u.userId = c.adminId';  
 $enquiries = $this->contactTable->join($query, []);  
 return [  
 'template' => 'enquiry.html.php',  
 'title' => 'Enquiry List',  
 'variables' => ['enquiries' => $enquiries]  
 ];  
 }  
  
 public function completeEnquiry()  
 {  
 $this->session();  
 $this->checklogin();  
 $values = [  
 'id' => $\_POST['id'],  
 'adminId' => $\_SESSION['userDetails']['userId']];  
 $query = 'SELECT c.\*, u.username  
 FROM contact c  
 LEFT JOIN user u  
 ON u.userId = c.adminId';  
 $this->contactTable->update($values);  
 $enquiries = $this->contactTable->join($query, []);  
  
 return [  
 'template' => 'enquiry.html.php',  
 'title' => 'Enquiry List',  
 'variables' => ['enquiries' => $enquiries]  
 ];  
  
 }  
  
  
 /\*---------------- APPLICANTS ----------------\*/  
  
  
 public function applicants(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $jobs = $this->jobsTable->find('id', $\_GET['id'])[0];  
 $applicants = $this->applicantsTable->find('jobId', $\_GET['id']);  
   
 return [  
 'template' => 'applicants.html.php',  
 'variables' => ['applicants' => $applicants, 'jobs' => $jobs],  
 'title' => 'Applicants'  
 ];  
 }  
  
  
 /\*---------------- CATEGORY ----------------\*/  
  
 public function category(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $categories = $this->categoriesTable->findAll();  
 return [  
 'template' => 'category.html.php',  
 'title' => 'Category List',  
 'variables' => ['categories' => $categories]  
 ];  
 }  
  
 public function addcategory(): array  
 {  
 $this->session();  
 $this->checklogin();  
 if (isset($\_POST['submit'])) {  
 $values = [  
 'name' => $\_POST['name']  
 ];  
 $this->categoriesTable->insert($values);  
 header('location: /admin/category');  
 }  
 return [  
 'template' => 'addcategory.html.php',  
 'variables' => [''],  
 'title' => 'Add Category'  
 ];  
 }  
  
 public function editcategory(): array  
 {  
 $this->session();  
 $this->checklogin();  
 if (isset($\_POST['submit'])) {  
 $values = ['name' => $\_POST['name'],  
 'id' => $\_POST['id']];  
 $this->categoriesTable->update($values);  
 header('location: /admin/category');  
 }  
 $categories = $this->categoriesTable->find('id', $\_GET['id'])[0];  
 return [  
 'template' => 'editcategory.html.php',  
 'variables' => ['categories' => $categories],  
 'title' => 'Edit Category'  
 ];  
 }  
  
 public function deletecategory()  
 {  
 $this->categoriesTable->delete($\_POST['id']);  
 header('location: /admin/category');  
 }  
  
  
 /\*---------------- JOB ----------------\*/  
  
 public function jobs(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $this->checklogin();  
 $values = [];  
 $query = 'SELECT j.\*, c.name as CATNAME, (SELECT count(\*) as count FROM applicants a WHERE a.jobId = j.id) as count   
 FROM job j  
 LEFT JOIN category c   
 ON j.categoryId = c.id';  
 if (isset($\_GET['name'])) {  
 $query .= ' WHERE j.categoryId=:categoryId';  
 $values = ['categoryId' => $\_GET['name']];  
 }  
 $jobs = $this->jobsTable->join($query, $values);  
 $categories = $this->categoriesTable->findAll();  
 return [  
 'template' => 'jobs.html.php',  
 'title' => 'Job List',  
 'variables' => ['jobs' => $jobs, 'categories' => $categories]  
 ];  
 }  
  
 public function jobList(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $jobs = $this->jobsTable->find('categoryId', $\_GET['id']);  
 $categories = $this->categoriesTable->findAll();  
 $categorySet = $this->categoriesTable->find('id', $\_GET['id']);  
  
 return [  
 'template' => 'list.html.php',  
 'title' => 'Job List',  
 'variables' => ['jobs' => $jobs, 'categories' => $categories, 'categorySet' => $categorySet]  
 ];  
 }  
  
 public function addjob(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $categories = $this->categoriesTable->findAll();  
 if (isset($\_POST['submit'])) {  
 $values = [  
 'title' => $\_POST['title'],  
 'description' => $\_POST['description'],  
 'salary' => $\_POST['salary'],  
 'location' => $\_POST['location'],  
 'categoryId' => $\_POST['categoryId'],  
 'closingDate' => $\_POST['closingDate']  
 ];  
 $this->jobsTable->insert($values);  
 header('location: /admin/jobs');  
 }  
 return [  
 'template' => 'addjob.html.php',  
 'variables' => ['categories' => $categories],  
 'title' => 'Add Job'  
 ];  
 }  
  
 public function editjobs(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $category = $this->categoriesTable->findAll();  
 $job = $this->jobsTable->find('id', $\_GET['id'])[0];  
 if (isset($\_POST['submit'])) {  
 $values = [  
 'id' => $\_POST['id'],  
 'title' => $\_POST['title'],  
 'description' => $\_POST['description'],  
 'salary' => $\_POST['salary'],  
 'location' => $\_POST['location'],  
 'categoryId' => $\_POST['categoryId'],  
 'closingDate' => $\_POST['closingDate'],  
 ];  
 $this->jobsTable->update($values);  
 header('location: /admin/jobs');  
 }  
 return [  
 'template' => 'editjobs.html.php',  
 'variables' => ['category' => $category, 'job' => $job],  
 'title' => 'Edit Job'  
 ];  
 }  
  
 public function deletejob()  
 {  
 $this->session();  
 $this->checklogin();  
 $values = [  
 'id' => $\_POST['id'],  
 'save' => 1  
 ];  
 $this->jobsTable->update($values);  
 header('location: /job/jobs');  
 }  
  
 public function archive()  
 {  
 $this->session();  
 $this->checklogin();  
 $values = [  
 'id' => $\_POST['id'],  
 'save' => NULL  
 ];  
 $this->jobsTable->update($values);  
 header('location: /admin/jobs');  
 }  
  
  
 /\*----------------REGISTER & LOGIN ----------------\*/  
 public function admin(): array  
 {  
 $this->session();  
 $this->checklogin();  
 $admins = $this->adminsTable->findAll();  
 return [  
 'template' => 'admin.html.php',  
 'title' => 'Admin Login List',  
 'variables' => ['admins' => $admins]  
 ];  
 }  
  
 public function deleteadmin()  
 {  
 $this->session();  
 $this->checklogin();  
 $this->adminsTable->delete($\_POST['userid']);  
 header('location: /admin/admin');  
 }  
  
 public function session()  
 {  
 if (!isset($\_SESSION)) {  
 session\_start();  
 }  
 }  
  
 public function checklogin()  
 {  
 if (!isset($\_SESSION['loggedin'])) {  
 header("Location: /admin/login");  
 exit();  
 }  
 }  
  
 public function register(): array  
 {  
 if (isset($\_POST['submit'])) {  
 $pw = password\_hash($\_POST['password'], *PASSWORD\_DEFAULT*);  
 $values = [  
 'username' => $\_POST['username'],  
 'email' => $\_POST['email'],  
 'password' => $pw,  
 'checkadmin' => $\_POST['checkadmin']  
 ];  
 $this->adminsTable->insert($values);  
 }  
 return [  
 'template' => 'register.html.php',  
 'title' => 'Register',  
 'variables' => []  
 ];  
 }  
  
 public function login(): array  
 {  
 $show\_message = '';  
 if (isset($\_POST['submit'])) {  
 $username = $this->adminsTable->find('username', $\_POST['username']);  
 if ($username) {  
 $verify\_pw = password\_verify($\_POST['password'], $username[0]['password']);  
 if ($verify\_pw) {  
 $\_SESSION['loggedin'] = $username[0]['userId'];  
 $\_SESSION['userDetails'] = $username[0];  
  
 header("Location: /admin/jobs");  
 } else {  
 $show\_message = 'Wrong Information'; // for your password  
 }  
 } else {  
 $show\_message = 'Wrong Information'; // for your email  
 }  
 }  
 return [  
 'template' => 'login.html.php',  
 'title' => 'Login',  
 'variables' => ['show\_message' => $show\_message]  
 ];  
 }  
  
 public function logout()  
 {  
 session\_unset();  
 session\_destroy();  
 header("Location: /job/home");  
 }  
}

<?php  
namespace Ijdb\Controllers;  
class Page  
{  
 private $categoriesTable;  
 private $jobsTable;  
 private $applicantsTable;  
 private $contactTable;  
  
 public function \_\_construct($jobsTable, $categoriesTable, $applicantsTable, $contactTable)  
 {  
 $this->applicantsTable = $applicantsTable;  
  
 $this->jobsTable = $jobsTable;  
  
 $this->contactTable = $contactTable;  
  
 $this->categoriesTable = $categoriesTable;  
  
 }  
  
  
 /\*---------------- HOME ----------------\*/  
 public  
 function home(): array  
 {  
 $values = [];  
 $query = 'SELECT j.\*, c.id AS catId   
 FROM job j  
   
 LEFT JOIN category c   
 ON c.id = j.categoryId';  
 if (isset($\_GET['location'])) {  
 $query .= ' WHERE j.location=:location AND j.save IS NULL ORDER BY j.closingDate ASC LIMIT 10';  
 $values = ['location' => $\_GET['location']];  
 } else {  
 $query .= ' WHERE j.save IS NULL ORDER BY j.closingDate ASC LIMIT 10';  
 }  
 $jobs = $this->jobsTable->join($query, $values);  
 $criteria = 'SELECT DISTINCT location FROM job';  
 $locations = $this->jobsTable->join($criteria, []);  
 return [  
 'template' => 'home.html.php',  
 'title' => "Jo's Jobs - Home",  
 'variables' => ['jobs' => $jobs, 'locations' => $locations]  
 ];  
 }  
  
 public function jobList(): array  
 {  
 $jobs = $this->jobsTable->find('categoryId', $\_GET['id']);  
 $categories = $this->categoriesTable->findAll();  
 $categorySet = $this->categoriesTable->find('id', $\_GET['id']);  
  
 return [  
 'template' => 'list.html.php',  
 'title' => 'Job List',  
 'variables' => ['jobs' => $jobs, 'categories' => $categories, 'categorySet' => $categorySet]  
 ];  
 }  
  
 public  
 function faqs(): array  
 {  
 return [  
 'template' => 'faqs.html.php',  
 'title' => 'FAQs',  
 'variables' => ['']  
 ];  
 }  
  
 public  
 function about(): array  
 {  
 return [  
 'template' => 'about.html.php',  
 'title' => 'Jo"s Jobs - About',  
 'variables' => ['']  
 ];  
 }  
  
 public  
 function contact(): array  
 {  
 if (isset($\_POST['submit'])) {  
 $values = [  
 'name' => $\_POST['name'],  
 'email' => $\_POST['email'],  
 'telephone' => $\_POST['telephone'],  
 'enquiry' => $\_POST['enquiry']  
 ];  
 $this->contactTable->insert($values);  
 header('location: /job/contact');  
 }  
 return [  
 'template' => 'contact.html.php',  
 'title' => 'Contact Us',  
 'variables' => ['']  
 ];  
 }  
  
 public  
 function apply()  
 {  
 $show\_message = '';  
 if (isset($\_POST['submit'])) {  
 if ($\_FILES['cv']['error'] == 0) {  
  
 $parts = explode('.', $\_FILES['cv']['name']);  
 $extension = end($parts);  
 $fileName = uniqid() . '.' . $extension;  
 move\_uploaded\_file($\_FILES['cv']['tmp\_name'], 'cvs/' . $fileName);  
  
 $criteria = [  
 'name' => $\_POST['name'],  
 'email' => $\_POST['email'],  
 'details' => $\_POST['details'],  
 'jobId' => $\_POST['jobId'],  
 'cv' => $fileName  
 ];  
 $this->applicantsTable->insert($criteria);  
 header('location: /job/home');  
 } else {  
 $show\_message = 'There was an error uploading your CV';  
 }  
 } else {  
 $job = $this->jobsTable->find('id', $\_GET['id'])[0];  
 }  
 return [  
 'template' => 'apply.html.php',  
 'title' => 'Apply For Jobs',  
 'variables' => ['job' => $job, 'show\_message' => $show\_message]  
 ];  
 }  
}

<?php  
  
namespace Ijdb;  
  
use Ijdb\Controllers\Page;  
use CSY2028\DatabaseTable;  
  
class Routes implements \CSY2028\Routes  
{  
 public function getPage($route)  
 {  
 require '../database.php';  
 $jobsTable = new DatabaseTable($pdo, 'job', 'id');  
 $categoriesTable = new DatabaseTable($pdo, 'category', 'id');  
 $applicantsTable = new DatabaseTable($pdo, 'applicants', 'id');  
 $adminsTable = new DatabaseTable($pdo, 'user', 'userId');  
 $contactTable = new DatabaseTable($pdo, 'contact', 'id');  
  
 $controllers = [];  
 $controllers['job'] = new \Ijdb\Controllers\Page($jobsTable, $categoriesTable, $applicantsTable, $adminsTable, $contactTable);  
 $controllers['admin'] = new \Ijdb\Controllers\Admin($jobsTable, $categoriesTable, $applicantsTable, $adminsTable, $contactTable);  
  
  
 if ($route == '') {  
 $page = $controllers['job']->home();  
 }  
 else {  
 list($controllerName, $functionName) = explode('/', $route);  
 $controller = $controllers[$controllerName];  
 $page = $controller->$functionName();  
 }  
 return $page;  
 }  
}

<?php  
  
session\_start();  
use CSY2028\EntryPoint;  
use Ijdb\Routes;  
  
require '../autoload.php';  
  
$routes = new \Ijdb\Routes();  
  
$entryPoint = new CSY2028\EntryPoint($routes);  
  
$entryPoint->run();

<main class="home">  
 <h1>ABOUT JO JOBS</h1>  
 <br>  
 <p>Jo runs a small recruitment agency and the company’s website is used to list available jobs.</p>  
 <p> Applicants can view the available jobs and apply for jobs they are interested in.</p>  
 <p> The website was developed several years ago by Jo’s cousin but is now a little outdated and contains bugs that need fixing.</p>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h1>Add Category</h1>  
 <form action="" method="POST">  
 <input type="hidden" name="id" value="name" />  
 <label>Category Name</label>  
  
 <input type="text" name="name" value="" />  
  
 <input type="submit" name="submit" value="Add Category" />  
 </form>  
 </section>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h2>Add Job</h2>  
  
 <form action="/admin/addjob" method="POST"">  
 <label>Title</label>  
 <input type="text" name="title" />  
  
 <label>Description</label>  
 <textarea name="description"></textarea>  
  
 <label>Salary</label>  
 <input type="text" name="salary" />  
  
 <label>Location</label>  
 <input type="text" name="location" />  
  
 <label>Category</label>  
 <select name="categoryId">  
 <?php foreach ($categories as $category) {  
 echo '<option value="' . $category['id'] . '">' . $category['name'] . '</option>';  
 }  
 ?>  
 </select>  
  
 <label>Closing Date</label>  
 <input type="date" name="closingDate" />  
  
 <input type="submit" name="submit" value="Add" />  
  
 </form>  
 </section>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h1>LOGINS</h1>  
 <table>  
 <thead>  
 <tr>  
 <th>Admin Username</th>  
 </tr>  
 <?php foreach ($admins as $admin) {  
 if($admin['checkadmin'] == 'ADMIN') {?>  
 <tr>  
 <td><?= $admin['username'] ?></td>  
 <td>  
 <form method="POST" action="/job/deleteadmin">  
 <input type="hidden" name="id" value="<?=$admin['userId']?>" />  
 <input type="submit" name="submit" value="Delete Admin" />  
 </form>  
 </td>  
 </tr>  
 <?php }  
 } ?>  
 </thead>  
 </table>  
 </section>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h2>Applicants for <?= $jobs['title'] ?> </h2>  
 <table>  
 <thead>  
 <tr>  
 <th style="width: 10%">Name</th>  
 <th style="width: 10%">Email</th>  
 <th style="width: 65%">Details</th>  
 <th style="width: 15%">CV</th>  
 </tr>  
 <?php foreach ($applicants as $applicant) { ?>  
 <tr>  
 <td><?=$applicant['name'] ?></td>  
 <td><?=$applicant['email'] ?></td>  
 <td><?=$applicant['details'] ?> </td>  
 <td><a href="/cvs/<?=$applicant['cv']?>">Download CV</a></td>  
 </tr>  
 <?php } ?>  
  
 </thead>  
 </table>  
 </section>  
</main>

<main class="home">  
 <h2>Apply for <?= $job['title']; ?> </h2>  
 </h2>  
 <form style="height: 30vw" action="/job/apply" method="POST" enctype="multipart/form-data">  
 <label>Your name</label>  
 <input type="text" name="name" />  
  
 <label>E-mail address</label>  
 <input type="text" name="email" />  
  
 <label>Cover letter</label>  
 <textarea name="details"></textarea>  
  
 <label>CV</label>  
 <input type="file" name="cv"/>  
 <input type="hidden" name="jobId" value="<?= $job['id'];?>" />  
 <input type="submit" name="submit" value="Apply" />  
 </form>  
 </section>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h1>Categories</h1>  
 <a class="new" href="/admin/addcategory">Add new category</a>  
 <table>  
 <thead>  
 <tr>  
 <th>Name</th>  
 <th style="width: 50%">&nbsp;</th>  
 <th style="width: 5%">&nbsp;</th>  
 </tr>  
 <?php foreach ($categories as $category) { ?>  
 <tr>  
 <td><?= $category['name'] ?></td>  
 <td><a style="float: right" href="/admin/editcategory?id=<?=$category['id']?>">Edit</a></td>  
 <td>  
 <form method="POST" action="/admin/deletecategory">  
 <input type="hidden" name="id" value="<?=$category['id']?>" />  
 <input type="submit" name="submit" value="Delete" />  
 </form>  
 </td>  
 </tr>  
 <?php } ?>  
 </thead>  
 </table>  
 </section>  
</main>

<main class="home">  
 <h1>Contact Us</h1>  
 <form style="height: 30vw" action="/admin/contact" method="POST" enctype="multipart/form-data">  
 <label>Your name</label>  
 <input type="text" name="name" />  
  
 <label>E-mail address</label>  
 <input type="text" name="email" />  
  
 <label>Telephone</label>  
 <input type="tel" name="telephone" />  
  
 <label>Enquiry</label>  
 <textarea name="enquiry"></textarea>  
  
 <input type="submit" name="submit" value="Contact" />  
 </form>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h1>Edit Category</h1>  
 <form action="" method="POST">  
 <input type="hidden" name="id" value="<?php echo $categories['id'] ?>" />  
  
 <label>Category Name</label>  
 <input type="text" name="name" value="<?php echo $categories['name']?>" />  
  
 <input type="submit" name="submit" value="Edit Category" />  
 </form>  
 </section>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h2>Edit Job</h2>  
 <form action=" " method="POST">  
 <input type="hidden" name="id" value='<?php echo $job['id'] ?>'/>  
  
 <label>Title</label>  
 <input type="text" name="title" value='<?php echo $job['title'] ?>'/>  
  
 <label>Description</label>  
 <textarea name="description"><?php echo $job['description'] ?>'</textarea>  
  
 <label>Location</label>  
 <input type="text" name="location" value="<?php echo $job['location'] ?>" />  
  
 <label>Salary</label>  
 <input type="text" name="salary" value="<?php echo $job['salary'] ?>" />  
  
 <label>Category</label>  
 <select name="categoryId">  
 <?php  
 foreach ($category as $row) {  
 if ($job['categoryId'] == $row['id']) {  
 echo '<option selected="selected" value="' . $row['id'] . '">' . $row['name'] . '</option>';  
 } else {  
 echo '<option value="' . $row['id'] . '">' . $row['name'] . '</option>';  
 }  
 }  
 ?>  
 </select>  
  
 <label>Closing Date</label>  
 <input type="date" name="closingDate" value="<?php echo $job['closingDate'] ?>"/>  
  
 <input type="submit" name="submit" value="Edit Jobs"/>  
 </form>  
 </section>  
</main>

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <h1>Enquiries</h1>  
 <a class="new" href="/admin/contact">Add Enquiry</a>  
 <table>  
 <thead>  
 <tr>  
 <th style="width: 30%">Name</th>  
 <th style="width: 35%">Enquiry</th>  
 <th style="width: 15%">Staff</th>  
 </tr>  
 <?php foreach ($enquiries as $enquiry) { ?>  
 <tr>  
 <td><?= $enquiry['name'] ?></td>  
 <td><?= $enquiry['enquiry'] ?></td>  
 <?php if(isset($enquiry['adminId'])) { ?>  
 <td> Completed by <?= $enquiry['username'] ?></td>  
 <td> Complete </td>  
 <?php } else { ?>  
 <td>  
 <form method="post" action="/admin/completeEnquiry">  
 <input type="hidden" name="id" value=" <?=$enquiry['id']?> " />  
 <input type="submit" name="submit" value="Click to Complete" />  
 </form>  
 </td>  
 <td>PENDING...</td>  
 <?php } ?>  
 </tr>  
 <?php } ?>  
 </thead>  
 </table>  
 </section>  
</main>

<main class="home">  
 <h1>FAQs</h1>  
 <p> FAQs coming soon</p>  
</main>

<main class="home">  
 <form action="" method="get">  
 <select style="position: absolute" name="location">  
 <?php foreach ($locations as $location) {  
 echo '<option value="' . $location['location'] . '">' . $location['location'] . '</option>';  
 }  
 ?>  
 <input style="width: 10%" type="submit" name="submit" value="Search" />  
 </select>  
 </form><br><br><br><br>  
  
 <h1>Jobs</h1>  
 <p>Welcome to Jo's Jobs, we're a recruitment agency based in Northampton. We offer a range of different office jobs. Get in touch if you'd like to list a job with us.</a></p>  
  
 <h2>Select the type of job you are looking for:</h2>  
  
 <ul class="listing">  
 <?php foreach ($jobs as $job) { ?>  
 <li>  
 <div class="details">  
 <h2> <?php echo $job['title']; ?> </h2>  
 <h3> <?php echo $job['salary']; ?> </h3>  
 <p> <?php echo nl2br($job['description']); ?> </p>  
 <a class="more" href="/job/apply?id=<?= $job['id'] ?>">Apply for this job</a>  
 </div>  
 </li>  
 <?php } ?>  
 </ul>  
</main>

<?php require '../database.php'?>  
<main class="sidebar">  
<?php require '../templates/sidebar.html.php';?>  
 <h1>Jobs</h1>  
 <a class="new" href="/admin/addjob">Add new job</a>  
 <form action="#">  
 <select style="position: absolute" name="name">  
 <?php foreach ($categories as $category) {  
 echo '<option value="' . $category['id'] . '">' . $category['name'] . '</option>';  
 }  
 ?>  
 <input style="width: 10%" type="submit" name="submit" value="Search" />  
 </select>  
 </form><br>  
 <br><br> <table>  
 <thead>  
 <tr>  
 <th style="width: 35%">Title</th>  
 <th style="width: 25%">Salary</th>  
 <th style="width: 15%">Category</th>  
 <th style="width: 15%">&nbsp;</th>  
 <th style="width: 5%">&nbsp;</th>  
 <th style="width: 5%">&nbsp;</th>  
 </tr>  
  
 <?php foreach ($jobs as $job) { ?>  
 <tr>  
 <td><?=$job['title']?></td>  
 <td><?=$job['salary']?></td>  
 <td><?=$job['CATNAME']?></td>  
 <td>  
 <a style="float: right" href="/admin/editjobs?id=<?= $job['id']?>">Edit</a>  
 </td>  
 <td>  
 <a style="float: right" href="/admin/applicants?id=<?= $job['id']?>">View applicants ( <?= $job['count']?> )</a></td>  
 <td>  
 <?php if ($job['save'] == 1) { ?>  
 <form method="post" action="/admin/deletejob">  
 <input type="hidden" name="id" value="<?=$job['id']?>" />  
 <input type="submit" name="submit" value="Repost" />  
 </form>  
 <?php } else { ?>  
 <form method="post" action="/admin/deletejob">  
 <input type="hidden" name="id" value="<?=$job['id']?>" />  
 <input type="submit" name="submit" value="Delete" />  
 </form>  
 <?php } ?>  
 </td>  
 </tr>  
 <?php } ?>  
 </thead>  
 </table>  
 </section>  
</main>

<!DOCTYPE html>  
<html>  
  
 <head>  
 <link rel="stylesheet" href="/styles.css" />  
 <title><?=$title ?? "";?></title>  
 </head>  
  
 <body>  
 <header>  
 <section>  
 <aside>  
 <h3>Office Hours:</h3>  
 <p>Mon-Fri: 09:00-17:30</p>  
 <p>Sat: 09:00-17:00</p>  
 <p>Sun: Closed</p>  
 </aside>  
 <h1>Jo's Jobs</h1>  
 </section>  
 </header>  
 <?php require 'nav.html.php' ?>  
  
 <img src="/../images/randombanner.php"/>  
  
 <?php  
 if (isset($\_SESSION['loggedin']) && $\_SESSION['loggedin'] == true) { ?>  
 <a href='/admin/logout'><button style="background-color: grey; font-size: 18px; padding: 2px 2px; margin: 7px; width: 150px; cursor: pointer;">LOGOUT HERE</button></a>  
 <br><a href='/admin/jobs'><button style="background-color: grey; font-size: 18px; padding: 2px 2px; margin: 7px; width: 120px; cursor: pointer;">PANEL</button></a>  
 <?php } else { ?>  
 <a href='/admin/login'><button style="background-color: grey; font-size: 20px; padding: 2px 2px; margin: 7px; width: 140px; cursor: pointer;">LOGIN HERE</button></a>  
 <?php } ?>  
  
 <?= $output ?? ""; ?>  
 <footer>  
 &copy; Jo's Jobs <?=date('Y')?>  
 </footer>  
 </body>  
</html>

<!DOCTYPE html>  
<html>  
  
 <head>  
 <link rel="stylesheet" href="/styles.css" />  
 <title><?=$title ?? "";?></title>  
 </head>  
  
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 <?php } else { ?>  
 <a href='/admin/login'><button style="background-color: grey; font-size: 20px; padding: 2px 2px; margin: 7px; width: 140px; cursor: pointer;">LOGIN HERE</button></a>  
 <?php } ?>  
  
 <?= $output ?? ""; ?>  
 <footer>  
 &copy; Jo's Jobs <?=date('Y')?>  
 </footer>  
 </body>  
</html>

<main class="sidebar">  
 <section class="left">  
 <ul>  
 <?php  
 foreach ($categories as $category) {  
 echo '<li class="current"><a href="../jobList?id=' . $category['id'] . '">' . $category['name'] . '</a></li>';  
 }  
 ?>  
 </ul>  
 </section>  
  
 <section class="right">  
 <h1>  
 <?php  
 if(isset($categorySet)) {  
 echo $categorySet[0]['name'];  
 }  
 ?>  
 Jobs</h1>  
 <ul class="listing">  
 <?php foreach ($jobs as $job) { ?>  
 <li>  
  
 <div class="details">  
 <h2> <?php echo $job['title']; ?> </h2>  
 <h3> <?php echo $job['salary']; ?> </h3>  
 <p> <?php echo nl2br($job['description']); ?> </p>  
  
 <a class="more" href="/job/apply?id=<?= $job['id'] ?>">Apply for this job</a>  
  
 </div>  
 </li>  
 <?php } ?>  
 </ul>  
 </section>  
</main>

<?php echo $show\_message; ?>  
<main class="home">  
 <h2>Login!</h2>  
 <form action="../admin/login" method="POST">  
 <label>Username</label>  
 <input type="name" name="username" placeholder="Enter your Username" />  
  
 <label>Password</label>  
 <input type="password" name="password" placeholder="Enter your Password" />  
  
 <input type="submit" name='submit' value="Login">  
 </form>  
</main>

<nav>  
 <ul>  
 <li><a href="/">Home</a></li>  
 <li>Jobs  
 <ul>  
 <?php  
 require '../database.php';  
 use CSY2028\DatabaseTable;  
  
 $categoriesTable = new databaseTable($pdo,'category', 'id');  
 $categories = $categoriesTable->findAll();  
 foreach($categories as $category) {  
 echo '<li><a href="../job/jobList?id=' .$category['id'] . '">' . $category['name'] . '</a></li>';  
 }  
 ?>  
 </ul>  
 <li><a href="../job/contact">Contact Us</a></li>  
 <li><a href="../job/about">About Us</a></li>  
 <li><a href="../job/faqs">FAQs</a></li>  
 </ul>  
</nav>

<?php  
require '../database.php'; ?>  
  
 <section class="left">  
<?php if ($\_SESSION["userDetails"]["checkadmin"] == 'ADMIN') { ?>  
 <ul>  
 <li><a href="/admin/register">Register</a></li>  
 <li><a href="/admin/category">Categories</a></li>  
 <li><a href="/admin/enquiry">Enquires</a></li>  
 <li><a href="/admin/admin">Admins</a></li>  
 <?php } ?>  
 <li><a href="/admin/jobs">Jobs</a></li>  
 </ul>  
 </section>  
 <section class="right">

<main class="sidebar">  
 <?php require '../templates/sidebar.html.php';?>  
 <section class="right">  
 <h1>Register!</h1>  
 <form action="/admin/register" method="POST">  
 <label>Username</label>  
 <input type="text" name="username" placeholder="Enter your Username" autocomplete="off"/>  
  
 <label>Email</label>  
 <input type="email" name="email" placeholder="Enter your Email" autocomplete="off"/>  
  
 <label>Password</label>  
 <input type="password" name="password" placeholder="Enter your Password" autocomplete="off"/>  
  
 <label>UserType</label>  
 <select name="checkadmin">  
 <?php  
 echo '<option>ADMIN</option>';  
 echo '<option>CLIENT</option>';  
 ?>  
 </select>  
 <input type="submit" name='submit' value="Register Now"></a>  
 </form>  
</main>

<?php  
  
function autoload($className) {  
 $fileName = str\_replace('\\', '/', $className) . '.php';  
 $file = '../' . $fileName;  
  
 require $file;  
}  
spl\_autoload\_register('autoload');

<?php  
  
$pdo = new PDO('mysql:dbname=job;host=mysql', 'student', 'student');