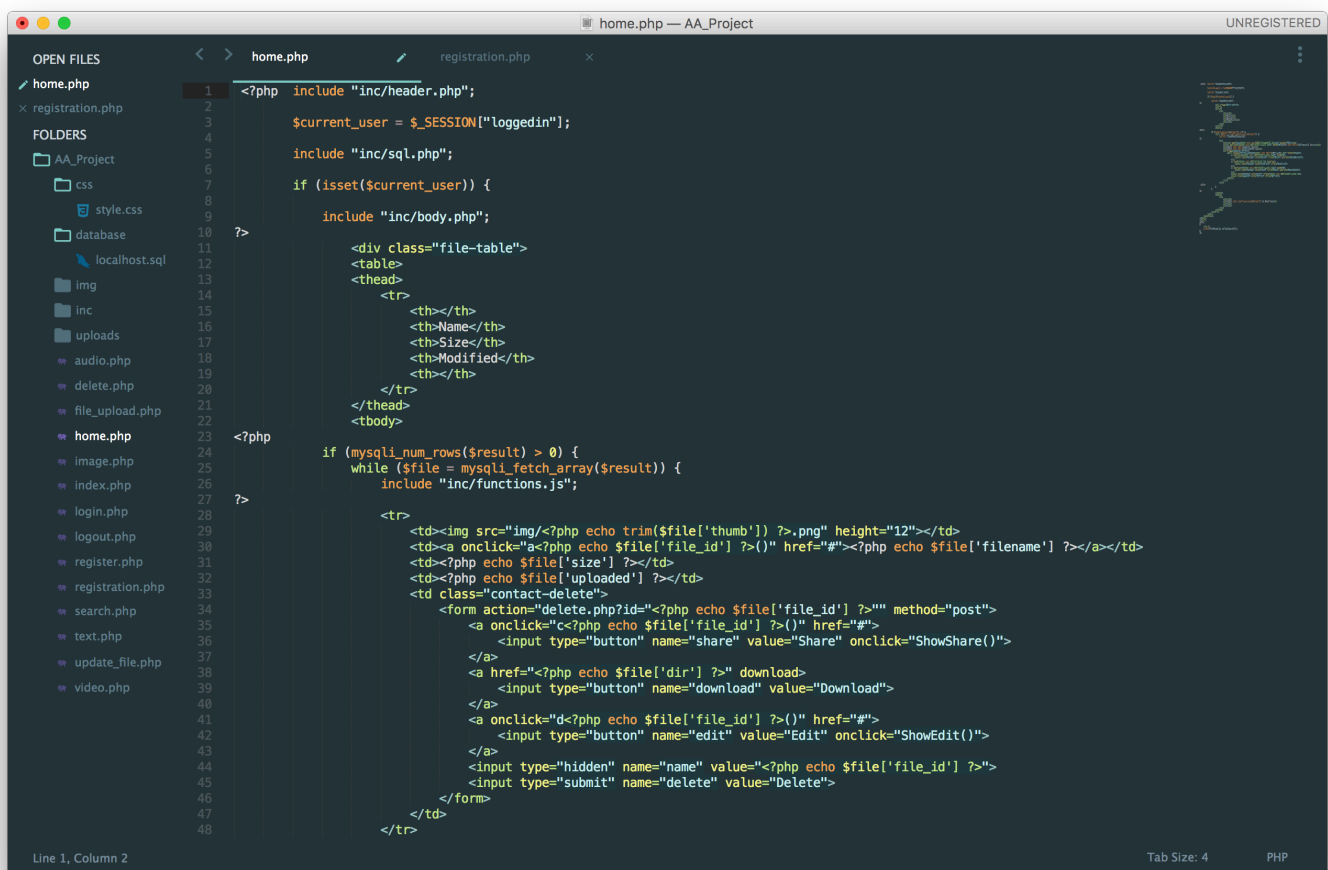


Personal Portfolio 2

Summary

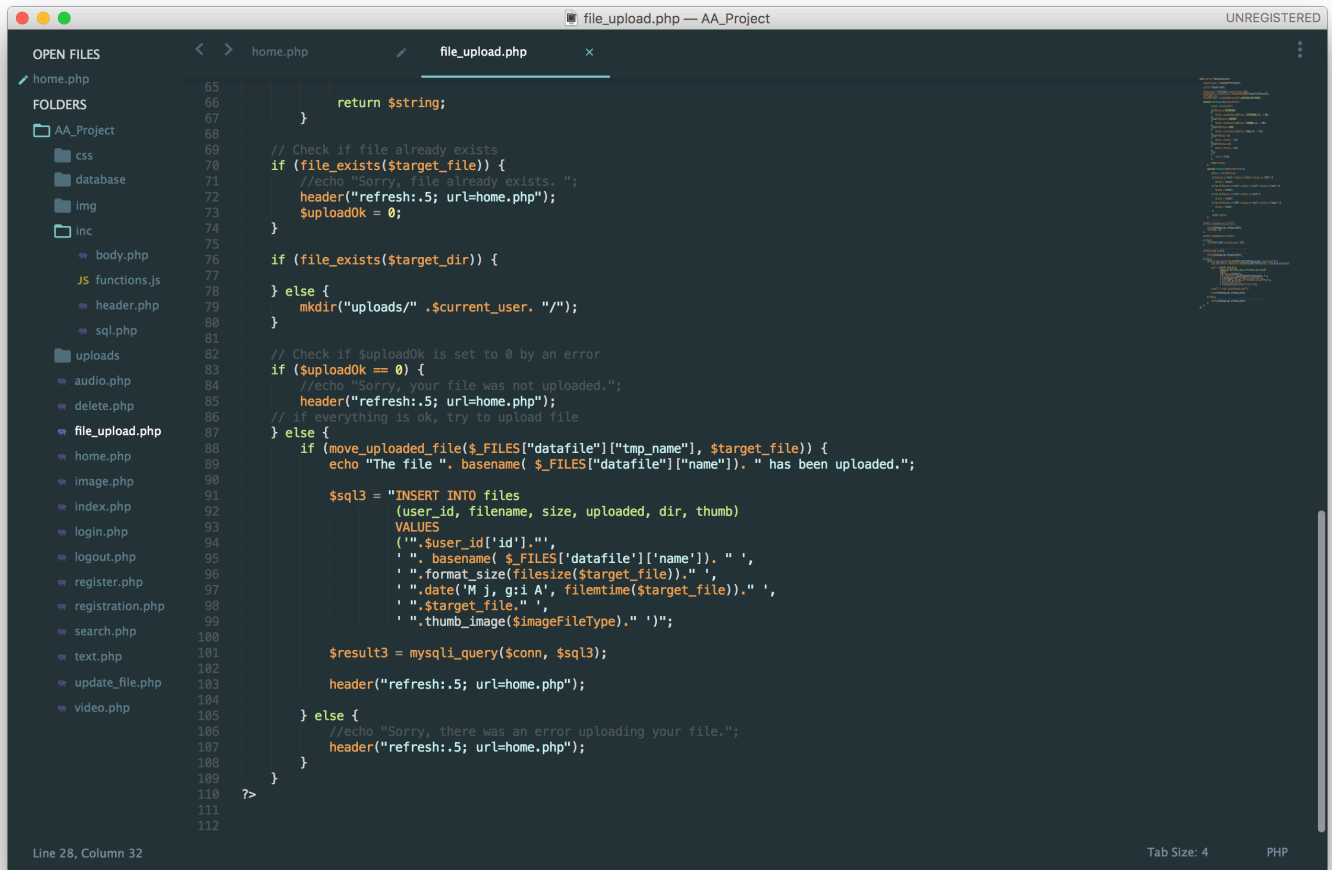
I contributed to a fair bit of development and design of the MediaVault application, working with my knowledge of MySQL, JavaScript, PHP, CSS3 and HTML5. I wrote code for each module of the application following the user stories written by our team. Below are code snippets of pages I had worked on in the project. (1.1) Is the landing page the user interacts with straight after logging into the web app; it is the only page that the user interacts with wholly and is the basis of the application. (1.2) Is the process page for when the user is uploading a file to the application, it's written in PHP and executes SQL queries in order to create a new directory, upload the file to the hosted folder, and display the information within the database. (1.3) is a .js page that is included with PHP into the home.php page, the functions are responsible for loading, playing and streaming the content uploaded to the website. (1.4) Is a page that is included in the header.php and home.php pages and contains every MySQL query that is responsible for the updating, deleting and selecting of files on the database. (1.5) Is the styling page written in CSS and is the sole styling page linked to the application.

Figure 1.1 - home.php



```
1 <?php include "inc/header.php";
2
3 $current_user = $_SESSION["loggedin"];
4
5 include "inc/sql.php";
6
7 if (isset($current_user)) {
8     include "inc/body.php";
9 }
10
11 <div class="file-table">
12 <table>
13 <thead>
14 <tr>
15 <th></th>
16 <th>Name</th>
17 <th>Size</th>
18 <th>Modified</th>
19 </tr>
20 </thead>
21 <tbody>
22
23 <?php
24 if (mysqli_num_rows($result) > 0) {
25     while ($file = mysqli_fetch_array($result)) {
26         include "inc/functions.js";
27
28         <tr>
29             <td></td>
30             <td><a onclick="a<?php echo $file['file_id'] ?>()" href="#"><?php echo $file['filename'] ?></a></td>
31             <td><?php echo $file['size'] ?></td>
32             <td><?php echo $file['uploaded'] ?></td>
33             <td class="contact-delete">
34                 <form action="delete.php?id=<?php echo $file['file_id'] ?>"" method="post">
35                     <a onclick="c<?php echo $file['file_id'] ?>()" href="#">
36                         <input type="button" name="share" value="Share" onclick="ShowShare()">
37                     </a>
38                     <a href="<?php echo $file['dir'] ?>" download>
39                         <input type="button" name="download" value="Download">
40                     </a>
41                     <a onclick="d<?php echo $file['file_id'] ?>()" href="#">
42                         <input type="button" name="edit" value="Edit" onclick="ShowEdit()">
43                     </a>
44                     <input type="hidden" name="name" value="<?php echo $file['file_id'] ?>">
45                     <input type="submit" name="delete" value="Delete">
46                 </form>
47             </td>
48         </tr>
```

Figure 1.2 - file_upload.php

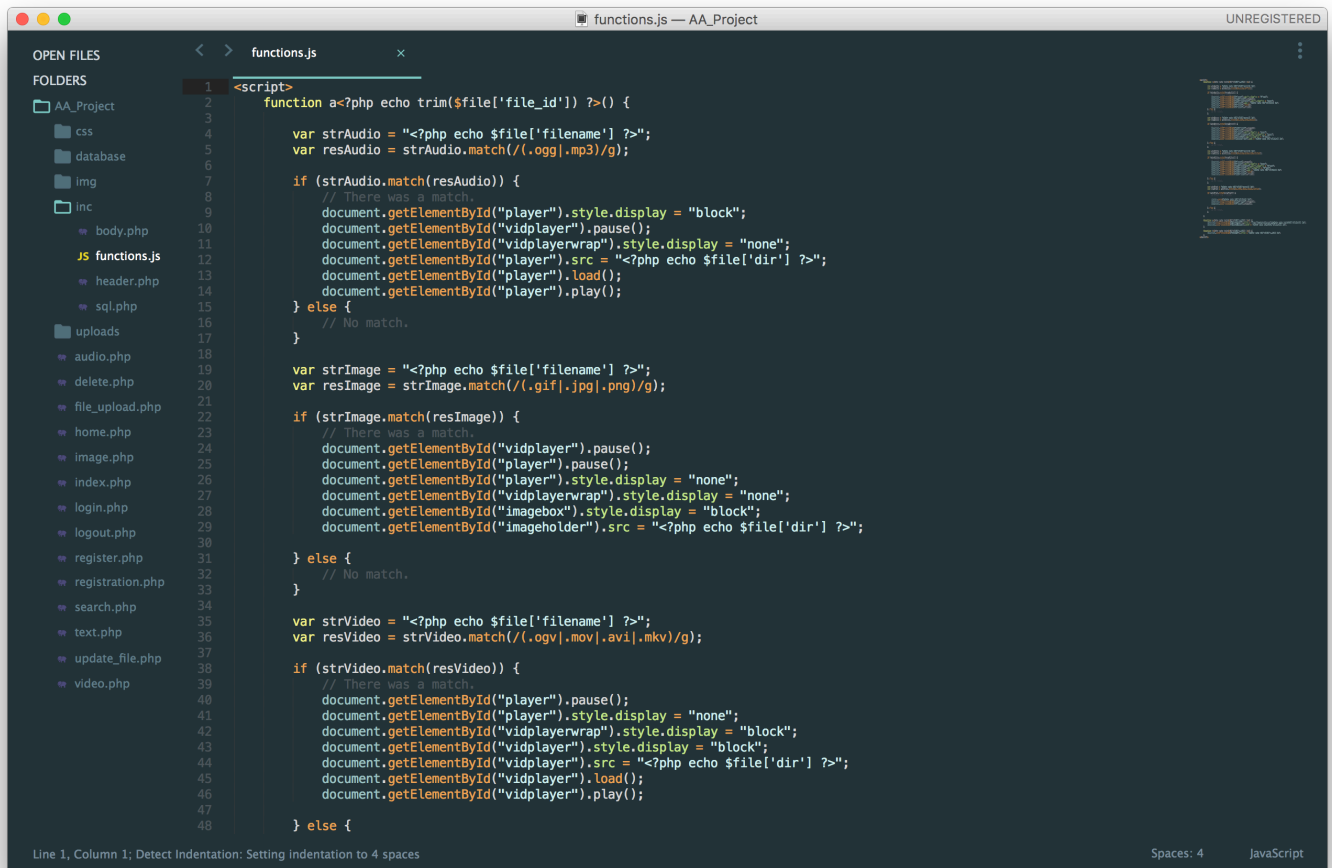


The screenshot shows a code editor window titled "file_upload.php — AA_Project". The editor displays the PHP code for file_upload.php. The code includes a function to check if a file already exists, a function to check if a directory exists, and a function to upload a file. The code is as follows:

```
65 return $string;
66 }
67 }
68 // Check if file already exists
69 if (file_exists($target_file)) {
70     //echo "Sorry, file already exists. ";
71     header("refresh:.5; url=home.php");
72     $uploadOk = 0;
73 }
74 if (file_exists($target_dir)) {
75 } else {
76     mkdir("uploads/" . $current_user . "/");
77 }
78 // Check if $uploadOk is set to 0 by an error
79 if ($uploadOk == 0) {
80     //echo "Sorry, your file was not uploaded.";
81     header("refresh:.5; url=home.php");
82     // if everything is ok, try to upload file
83 } else {
84     if (move_uploaded_file($_FILES["datafile"]["tmp_name"], $target_file)) {
85         echo "The file " . basename($_FILES["datafile"]["name"]) . " has been uploaded.";
86
87         $sql3 = "INSERT INTO files
88             (user_id, filename, size, uploaded, dir, thumb)
89             VALUES
90             ('" . $user_id . "',
91             '" . basename($_FILES["datafile"]["name"]) . "',
92             '" . format_size(filesize($target_file)) . "',
93             '" . date('M j, g:i A', filemtime($target_file)) . "',
94             '" . $target_file . "',
95             '" . thumb_image($imageFileType) . "')";
96
97         $result3 = mysqli_query($conn, $sql3);
98
99         header("refresh:.5; url=home.php");
100     } else {
101         //echo "Sorry, there was an error uploading your file.";
102         header("refresh:.5; url=home.php");
103     }
104 }
105 }
106 }
107 }
108 }
109 }
110 }
111 }
112 }
```

Line 28, Column 32 Tab Size: 4 PHP

Figure 1.3 - javascript.js



The screenshot shows a code editor window titled "functions.js — AA_Project". The editor displays the JavaScript code for functions.js. The code includes a function to handle file uploads, a function to handle file deletions, and a function to handle file updates. The code is as follows:

```
1 <script>
2 function a<?php echo trim($file['file_id']) ?>() {
3
4     var strAudio = "<?php echo $file['filename'] ?>";
5     var resAudio = strAudio.match(/.(ogg|.mp3)/g);
6
7     if (strAudio.match(resAudio)) {
8         // There was a match.
9         document.getElementById("player").style.display = "block";
10        document.getElementById("vidplayer").pause();
11        document.getElementById("vidplayerwrap").style.display = "none";
12        document.getElementById("player").src = "<?php echo $file['dir'] ?>";
13        document.getElementById("player").load();
14        document.getElementById("player").play();
15    } else {
16        // No match.
17    }
18
19    var strImage = "<?php echo $file['filename'] ?>";
20    var resImage = strImage.match(/.(gif|.jpg|.png)/g);
21
22    if (strImage.match(resImage)) {
23        // There was a match.
24        document.getElementById("vidplayer").pause();
25        document.getElementById("player").pause();
26        document.getElementById("player").style.display = "none";
27        document.getElementById("vidplayerwrap").style.display = "none";
28        document.getElementById("imagebox").style.display = "block";
29        document.getElementById("imageholder").src = "<?php echo $file['dir'] ?>";
30    } else {
31        // No match.
32    }
33
34    var strVideo = "<?php echo $file['filename'] ?>";
35    var resVideo = strVideo.match(/.(ogv|.mov|.avi|.mkv)/g);
36
37    if (strVideo.match(resVideo)) {
38        // There was a match.
39        document.getElementById("player").pause();
40        document.getElementById("player").style.display = "none";
41        document.getElementById("vidplayerwrap").style.display = "block";
42        document.getElementById("vidplayer").style.display = "block";
43        document.getElementById("vidplayer").src = "<?php echo $file['dir'] ?>";
44        document.getElementById("vidplayer").load();
45        document.getElementById("vidplayer").play();
46    } else {
47    }
48 }
```

Line 1, Column 1: Detect Indentation: Setting indentation to 4 spaces Spaces: 4 JavaScript

Figure 1.4 - sql.php

```
1 <?php
2
3
4 $sql1 = "SELECT id, email, username
5       FROM members
6       WHERE username = '". $current_user. "'
7       OR email = '". $current_user. "' ";
8
9 $result1 = mysqli_query($conn, $sql1);
10 $user_id = mysqli_fetch_array($result1);
11
12 //
13 $sql2 = "SELECT file_id, filename, user_id, size, uploaded, dir, thumb
14       FROM files
15       WHERE user_id = '". $user_id['id']. "'";
16
17 $result = mysqli_query($conn, $sql2);
18 $result_file = mysqli_query($conn, $sql2);
19 $fileid = mysqli_fetch_array($result_file);
20
21 //
22 $sql_audio = "SELECT file_id, filename, user_id, size, uploaded, dir, thumb
23       FROM files
24       WHERE user_id = '". $user_id['id']. "'
25       AND thumb = ' audio '";
26
27 $result_audio = mysqli_query($conn, $sql_audio);
28
29 //
30 $sql_text = "SELECT file_id, filename, user_id, size, uploaded, dir, thumb
31       FROM files
32       WHERE user_id = '". $user_id['id']. "'
33       AND thumb = ' text '";
34
35 $result_text = mysqli_query($conn, $sql_text);
36
37 //
38 $sql_video = "SELECT file_id, filename, user_id, size, uploaded, dir, thumb
39       FROM files
40       WHERE user_id = '". $user_id['id']. "'
41       AND thumb = ' video '";
42
43 $result_video = mysqli_query($conn, $sql_video);
44
45 //
46 $sql_image = "SELECT file_id, filename, user_id, size, uploaded, dir, thumb
47       FROM files
48       WHERE user_id = '". $user_id['id']. "'
49       AND thumb = ' image '";
```

Line 1, Column 1: Detect Indentation: Setting Indentation to tabs

Tab Size: 4 PHP

Figure 1.5 - style.css

```
1 @import url(https://fonts.googleapis.com/css?family=Roboto);
2
3 * {
4     font-family: 'Roboto', sans-serif;
5 }
6
7 body {
8     background-color: #B0BEC5;
9     height: 100%;
10    margin: 0;
11    padding: 0;
12 }
13
14 header {
15     background-color: #263238;
16     border-bottom: 5px solid #607d8b;
17     box-shadow: 0 1px 3px rgba(0,0,0,.12), 0 1px 2px rgba(0,0,0,.24);
18     color: #fff;
19     height: 65px;
20     position: relative;
21     z-index: 3;
22 }
23
24 header h1 {
25     margin: 0;
26     margin-left: 14px;
27     padding-top: 13.5px;
28 }
29
30 .logo img {
31     margin-bottom: -6px;
32     margin-right: 8px;
33 }
34
35 section {
36     width: 100%;
37 }
38
39 aside {
40     background-color: #f2f2f2;
41     border-right: 1px solid #ccc;
42     float: left;
43     height: calc(100% - 70px);
44     max-width: 220px;
45     position: absolute;
46     width: 100%;
47     z-index: 1;
48 }
49
50 .options a {
51     color: #333;
52     font-size: 12px;
53     padding-bottom: 11.5px;
54     padding-left: 14px;
55     padding-top: 11.5px;
56     position: absolute;
```

Line 1, Column 1: Detect Indentation: Setting Indentation to 4 spaces

Spaces: 4 CSS