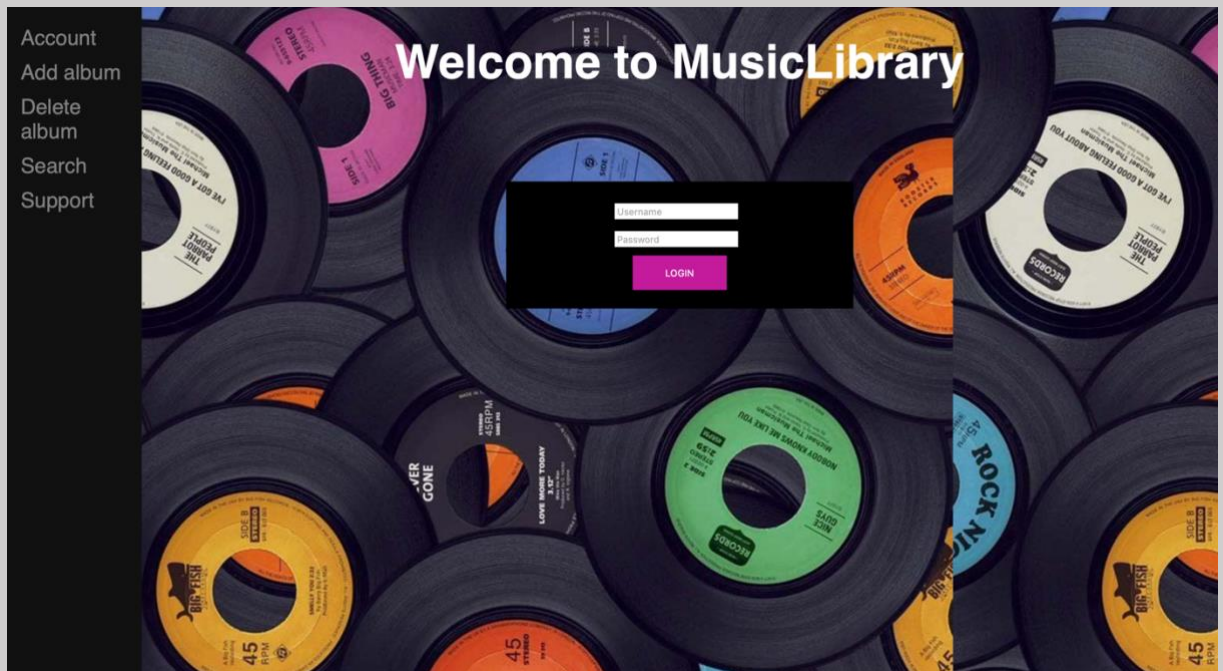


Project Step 4

27903-Hatice Merve Vural

- **LOGIN PAGE**

User can login with username and password:



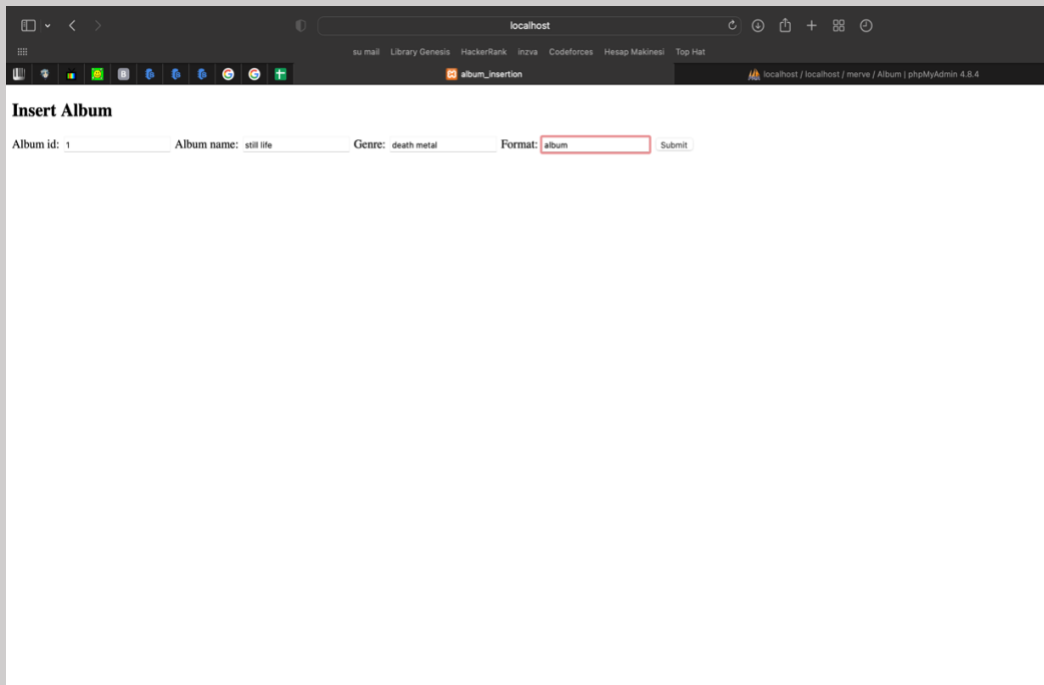
This is login_page.php:

```
EXPLORER
login_page.php x users.php # styles.css # styles_messages.css 9+ filter_page.html config.php album_insertion.html
OPEN EDIT... 1 UNSAVED
login_page.php
  account.php
  delete.php
  filter.php
  login_page.php
  users.php
  # styles.css
  # styles_messages.css 9+
  filter_page.html
  config.php
  album_insertion.html
  chats.php
ALBUM
  chat
  account.php
  admin.php
  album_insertion.html
  chats.php
  config.php
  delete.php
  filter_page.html
  filter.php
  index.php
  insertalbum.php
  login_page.php
  # styles_messages.css 9+
  styles.css
  users.php
login_page.php
1 <!DOCTYPE html>
2 <html>
3 <head>
4
5 <link rel="stylesheet" href="styles.css">
6 <meta charset="utf-8">
7 <meta name="viewport" content="width=device-width, initial-scale=1">
8
9 <title>
10 LOGIN PAGE
11 </title>
12 </head>
13 <body>
14 <div class="sidenav">
15 <a href="account.php">Account</a>
16 <a href="album_insertion.html">Add album</a>
17 <a href="admin.php">Delete album</a>
18 <a href="filter_page.html">Search</a>
19 <a href="chats.php">Support</a>
20 </div>
21
22 <div class="main" align = "center">
23 <h1>
24 <b>Welcome to MusicLibrary </b>
25 </h1>
26 <br>
27 <br>
28
29 <form action = "account.php" method="POST">
30 <input type="text" name="username" placeholder="Username">
31 <br>
32 <input type="text" name="password" placeholder="Password">
33 <br>
34 <button-LINK</button>
35 </form>
36
37
38 </div>
39
40 </body>
41 </html>
```

- **INSERTION**

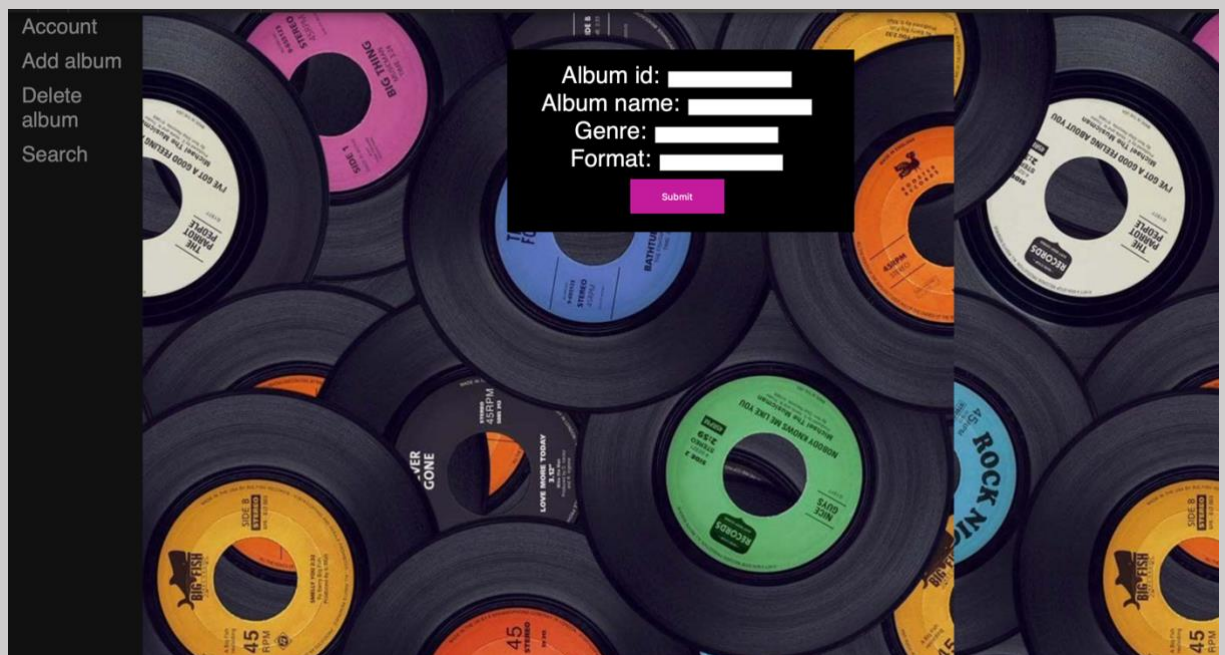
User can insert an album to the database by id, name, genre and format of the album.

This was webpage of the insertion:



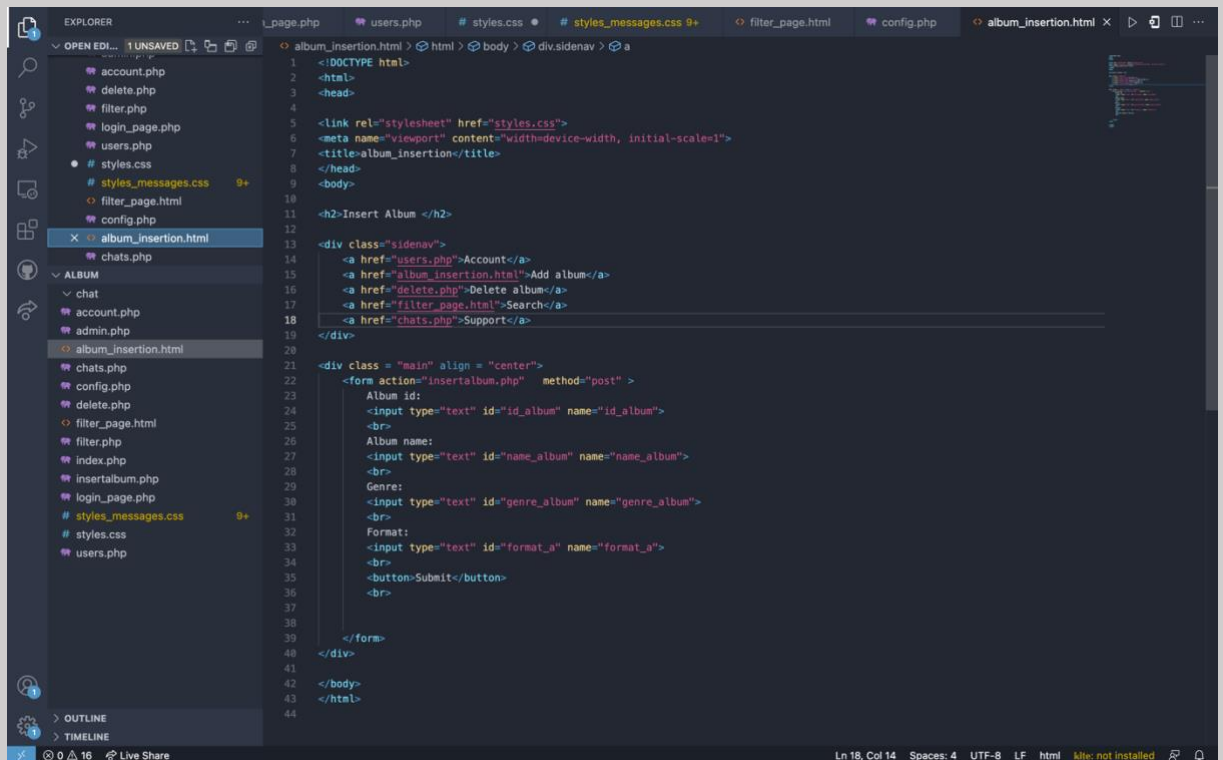
The screenshot shows a web browser window with the address bar set to 'localhost'. The browser's tab bar shows several tabs, including 'album_insertion'. The main content area displays a form titled 'Insert Album'. The form has four input fields: 'Album id:' with the value '1', 'Album name:' with the value 'still life', 'Genre:' with the value 'death metal', and 'Format:' with the value 'album'. A 'Submit' button is located to the right of the 'Format' field.

This is webpage of the insertion after using CSS. Users can add an album via click on “Add album” on the side navigation bar:



The screenshot shows a web application with a background of various vinyl records. On the left side, there is a dark sidebar with a list of navigation items: 'Account', 'Add album', 'Delete album', and 'Search'. In the center of the screen, a black modal form is displayed. The form contains four input fields: 'Album id:', 'Album name:', 'Genre:', and 'Format:'. A pink 'Submit' button is located at the bottom right of the modal.

This is html file of insertion:

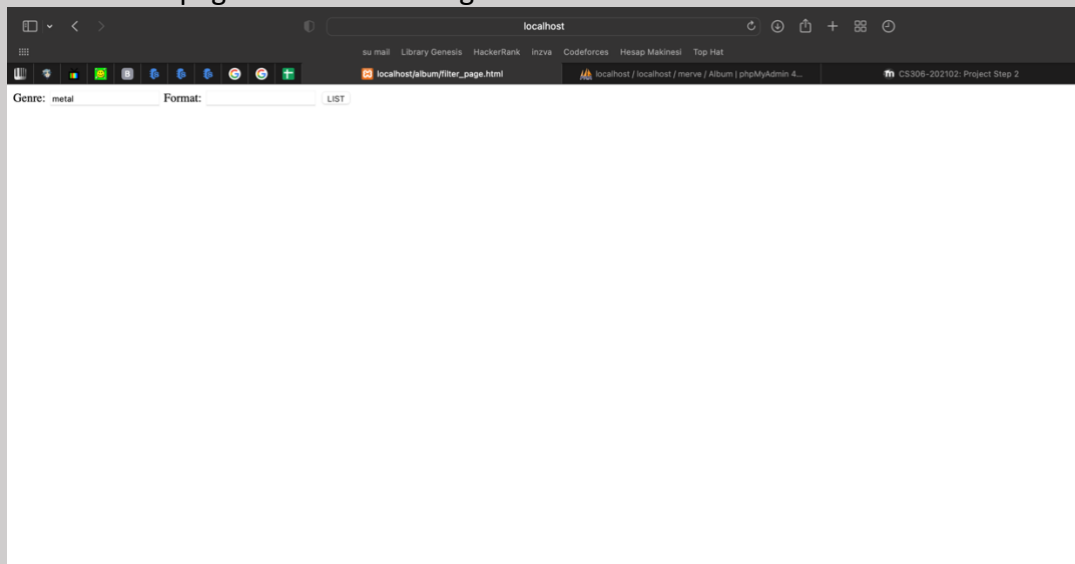


```
1 <!DOCTYPE html>
2 <html>
3 <head>
4
5 <link rel="stylesheet" href="styles.css">
6 <meta name="viewport" content="width=device-width, initial-scale=1">
7 <title=album_insertion</title>
8 </head>
9 <body>
10
11 <h2>Insert Album </h2>
12
13 <div class="sidenav">
14 <a href="users.php">Account</a>
15 <a href="album_insertion.html">Add album</a>
16 <a href="delete.php">Delete album</a>
17 <a href="filter_page.html">Search</a>
18 <a href="chats.php">Support</a>
19 </div>
20
21 <div class = "main" align = "center">
22 <form action="insertalbum.php" method="post" >
23 Album id:
24 <input type="text" id="id_album" name="id_album">
25 <br>
26 Album name:
27 <input type="text" id="name_album" name="name_album">
28 <br>
29 Genre:
30 <input type="text" id="genre_album" name="genre_album">
31 <br>
32 Format:
33 <input type="text" id="format_a" name="format_a">
34 <br>
35 <button>Submit</button>
36 <br>
37
38 </form>
39 </div>
40
41 </body>
42 </html>
```

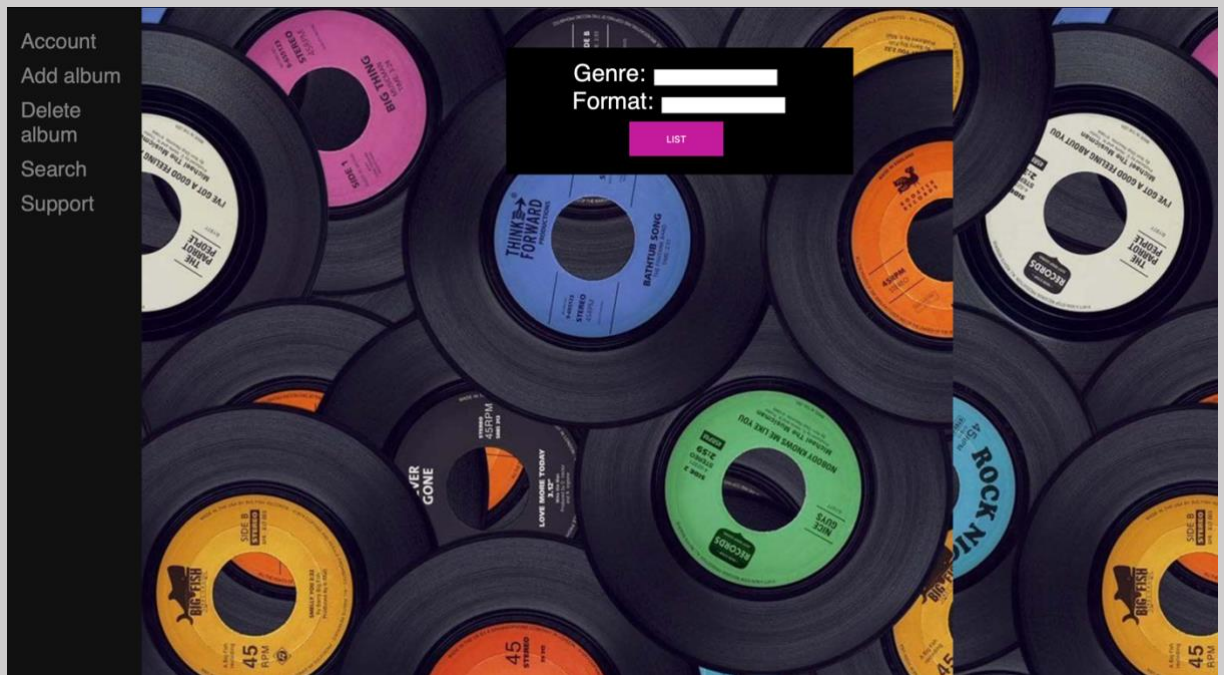
• SELECTION

User can filter albums by genre and format. If he/she fills genre field, albums are filtered by their genre; if he/she fills format field, albums are filtered by their format.

This was webpage of album filtering:



This is webpage after using CSS. Users can search an album via click on "Search" on the side navigation bar:



This is style.css. I compose a css file for styles:

```

1  # styles.css > table
2  body {
3      background-image: url('https://r1.likewallpaper.net/iphone-11-pro-wallpapers/download-123471/ambient-music.jpg');
4      font-family: "Lato", sans-serif;
5  }
6  h1 {
7      color: white;
8  }
9  p {
10     color: red;
11 }
12
13 .sidenav {
14     height: 100%;
15     width: 160px;
16     position: fixed;
17     z-index: 1;
18     top: 0;
19     left: 0;
20     background-color: #111;
21     overflow-x: hidden;
22     padding-top: 20px;
23 }
24
25 .sidenav a {
26     padding: 6px 8px 6px 16px;
27     text-decoration: none;
28     font-size: 25px;
29     color: #818181;
30     display: block;
31 }
32
33 .sidenav a:hover {
34     color: #f1f1f1;
35 }
36
37 .main {
38     margin-left: 160px; /* Same as the width of the sidenav */
39     font-size: 28px; /* Increased text to enable scrolling */
40     padding: 0px 10px;
41 }
42
43 @media screen and (max-height: 450px) {
44     .sidenav {padding-top: 15px;}
45     .sidenav a {font-size: 18px;}
46 }

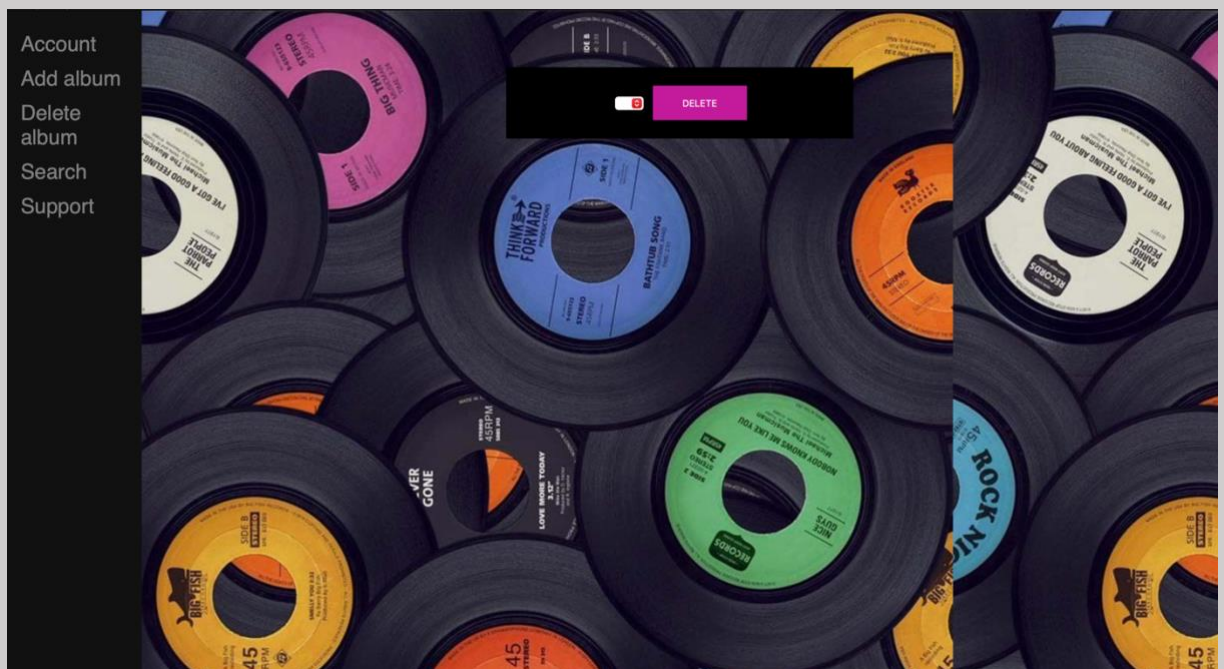
```



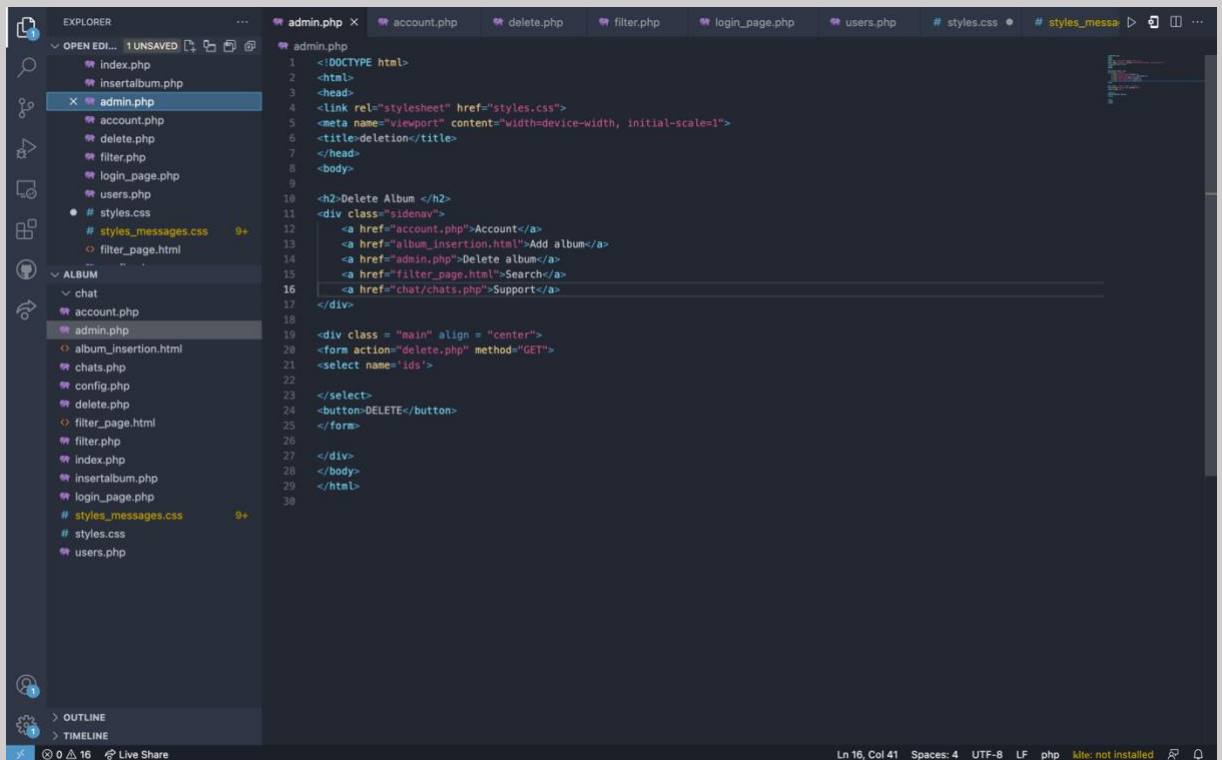
```
47 button{
48   background-color: #c41b9d;
49   color: white;
50   padding: 14px 20px;
51   margin: 8px 0;
52   border: none;
53   cursor: pointer;
54   width: 30%;
55 }
56
57 button:hover {
58   opacity: 0.8;
59 }
60
61 form{
62   background-color: #000000;
63   color: white;
64   padding: 14px 20px;
65   margin: 8px 0;
66   border: none;
67   cursor: pointer;
68   width: 30%;
69 }
70
71 table{
72   background-color: #c41b9d;
73   font-family: Arial, Helvetica, sans-serif;
74
75   border-collapse: collapse;
76   width: 40%;
77 }
78
79 td, th {
80   border: 1px solid #dddddd;
81   text-align: left;
82   padding: 8px;
83 }
84
85 tr:nth-child(even){
86   background-color: #dddddd;
87 }
88
89
90
91
```

- **Deletion**

User can delete an album:



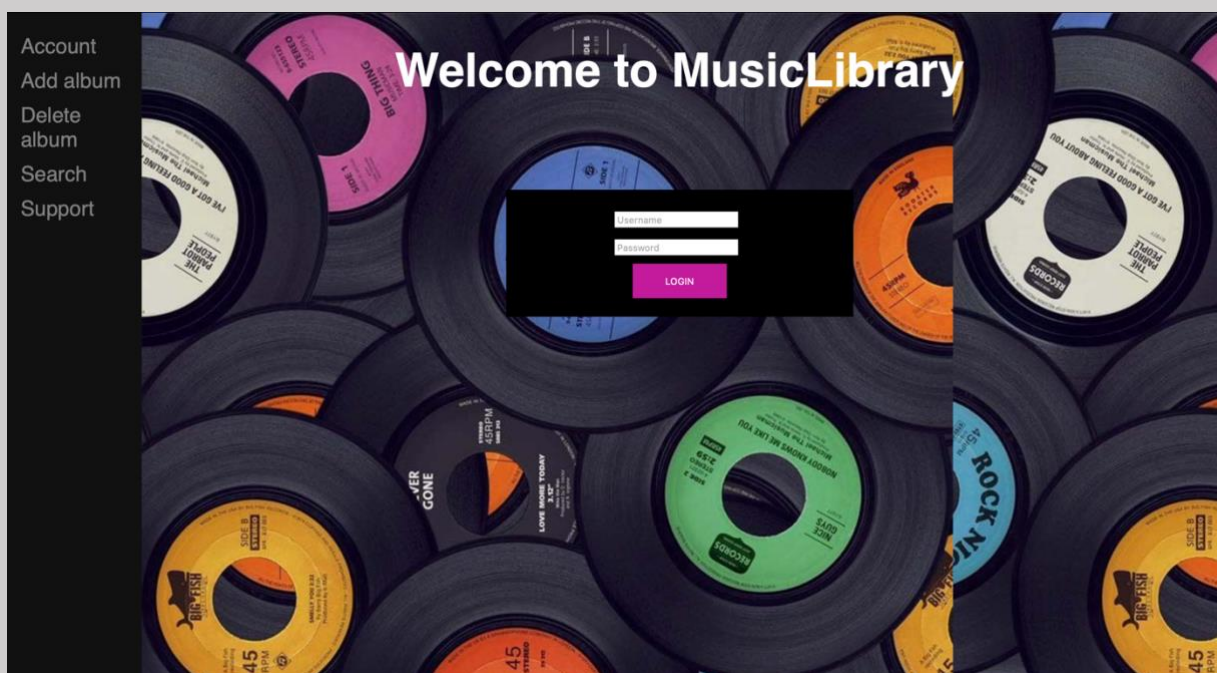
And this is php file for deleting an album:



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <link rel="stylesheet" href="styles.css">
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6 <title>deletion</title>
7 </head>
8 <body>
9
10 <h2>Delete Album </h2>
11 <div class="sidenav">
12 <a href="account.php">Account</a>
13 <a href="album_insertion.html">Add album</a>
14 <a href="admin.php">Delete album</a>
15 <a href="filter_page.html">Search</a>
16 <a href="chat/chats.php">Support</a>
17 </div>
18
19 <div class="main" align="center">
20 <form action="delete.php" method="GET">
21 <select name="ids">
22
23 </select>
24 <button>DELETE</button>
25 </form>
26
27 </div>
28 </body>
29 </html>
30
```

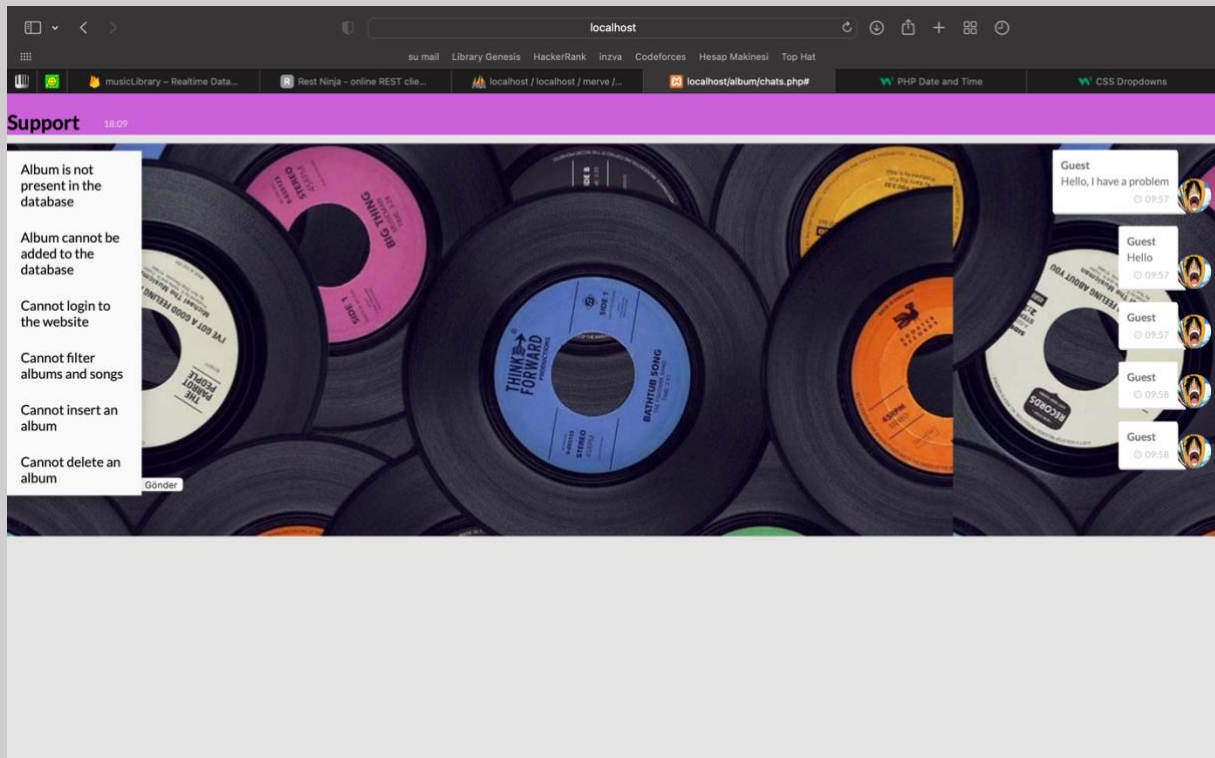
- **Support Page**

Firstly, I added Support option to the menu.

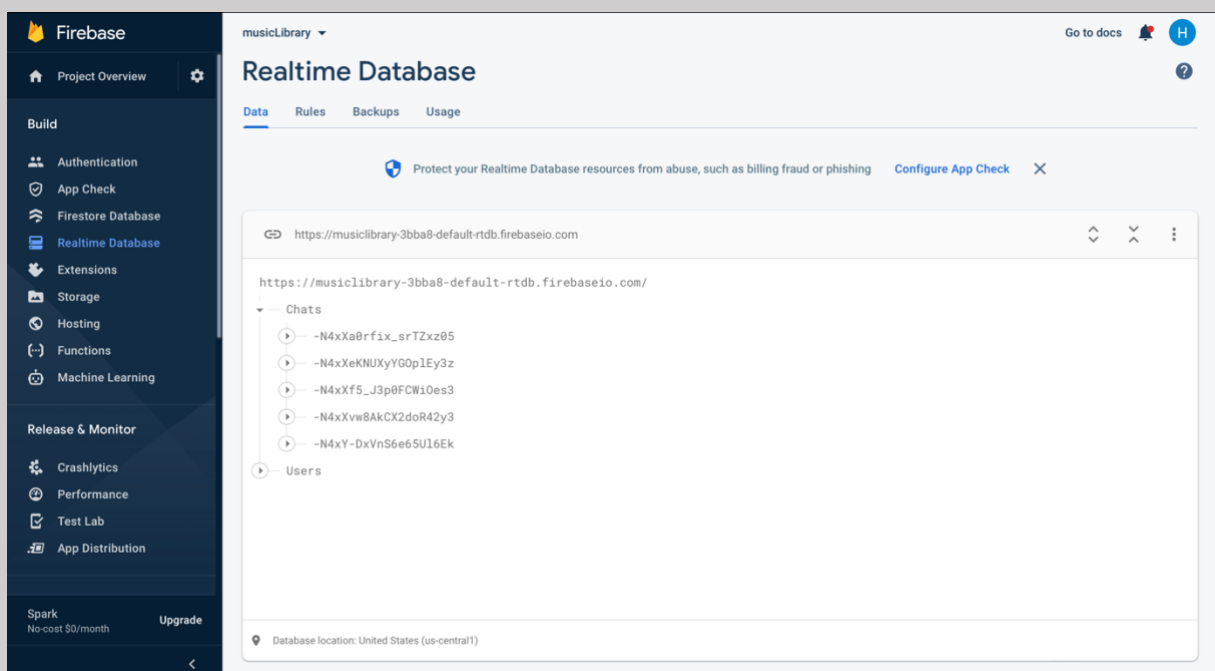



When it is selected, this page shows up.

User or guest can choose a problem which are "Album is not present in the database", "Album cannot be added to the database", "Cannot login to the website", "Cannot filter albums and songs", "Cannot insert an album", "Cannot delete an album".



And this is realtime database that includes chats:



 **Firebase**

Project Overview

Build

Release & Monitor

Spark

Authentication

App Check

Firestore Database

Realtime Database

Extensions

Storage

Hosting

Functions

Machine Learning

Crashlytics

Performance

Test Lab

App Distribution

No-cost \$0/month

Upgrade

musicLibrary

Go to docs

H

Realtime Database

DataRulesBackupsUsage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing

Configure App Check

X

https://musiclibrary-3bba8-default-rtdb.firebaseio.com

Chats

-N4xXa0rfix_srTZxz05

msg: "Hello, I have a problem"

name: "Guest"

time: "09:57"

-N4xXeKNUxyYG0p1Ey3z

msg: "Hello"

name: "Guest"

time: "09:57"

-N4xXf5_J3p0FCW10es3

msg: ""

name: "Guest"

time: "09:57"

Database location: United States (us-central1)

musicLibrary

Go to docs

H

Realtime Database

DataRulesBackupsUsage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing

Configure App Check

X

https://musiclibrary-3bba8-default-rtdb.firebaseio.com

-N4xXf5_J3p0FCW10es3

msg: ""

name: "Guest"

time: "09:57"

-N4xXvw8AkCX2doR42y3

msg: ""

name: "Guest"

time: "09:58"

-N4xY-DxVnS6e65U16EK

msg: ""

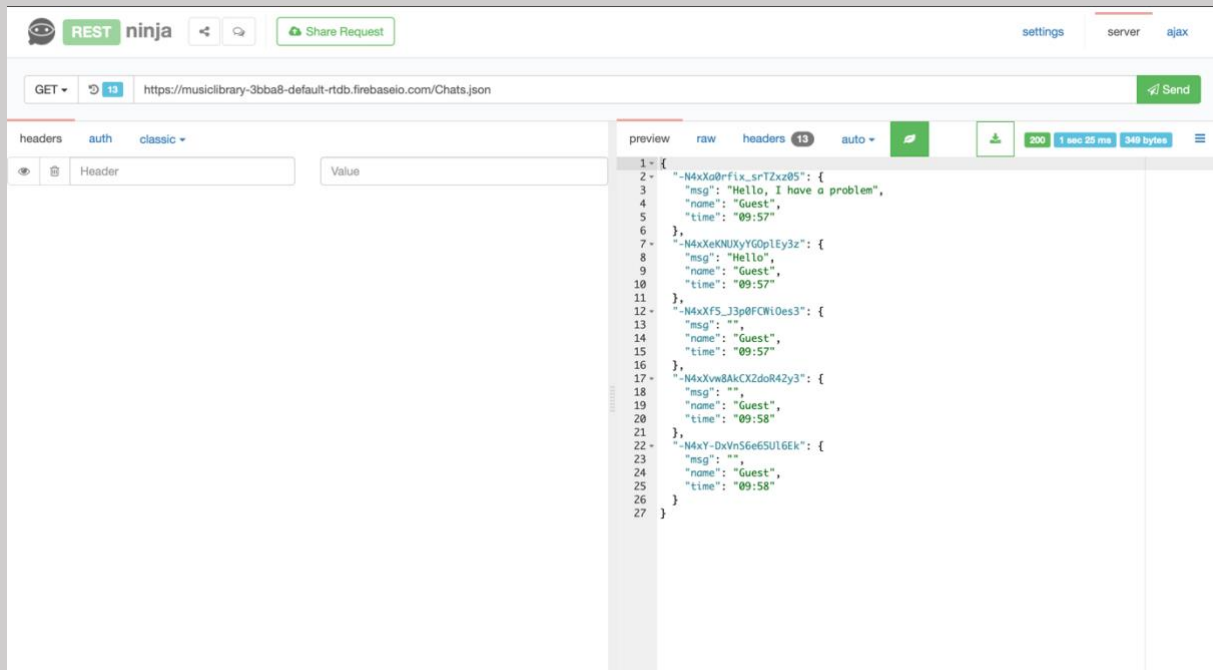
name: "Guest"

time: "09:58"

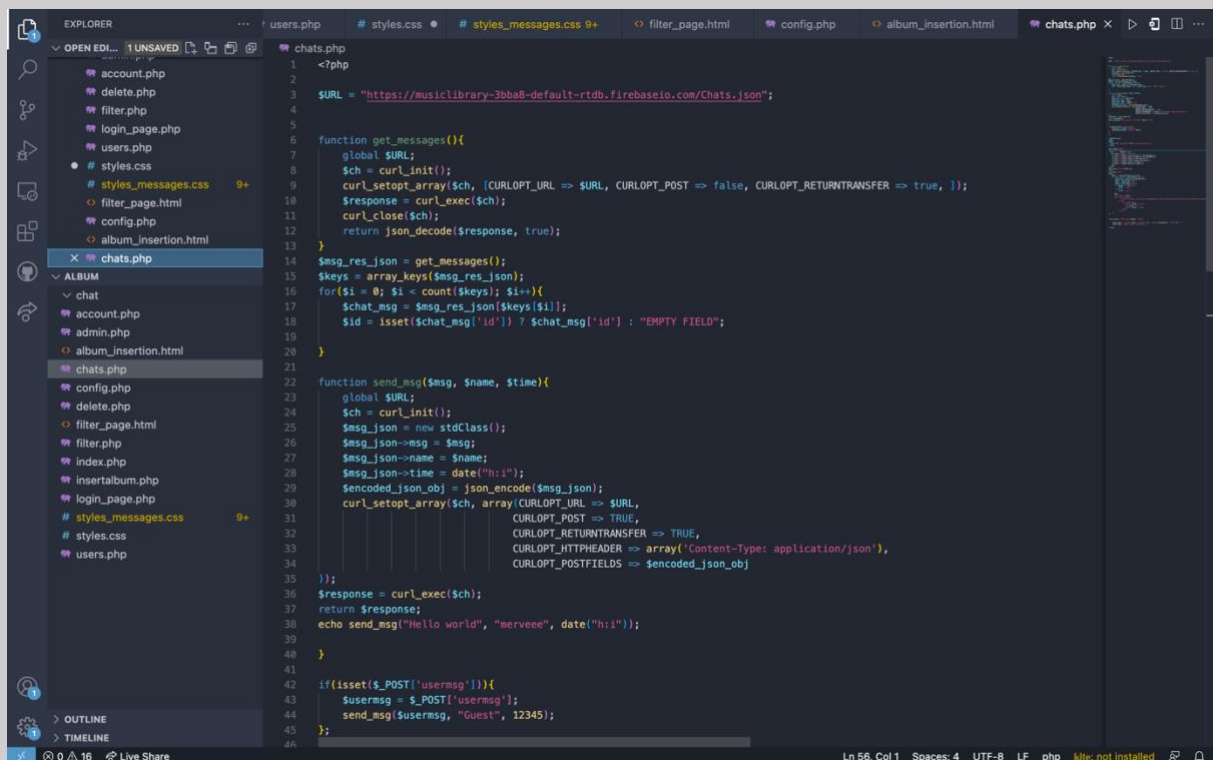
Users

Database location: United States (us-central1)

And this is json file that chats are stored:



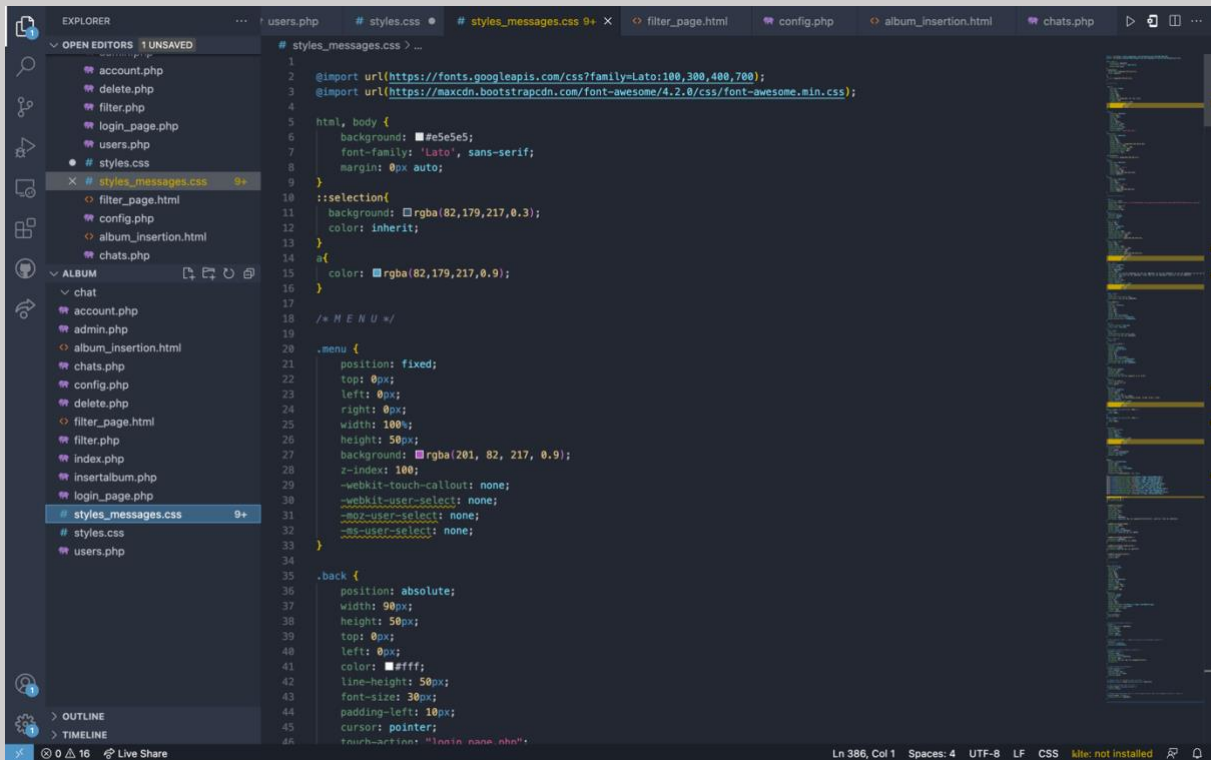
I mostly use recitation codes for support page, however I changed the style:



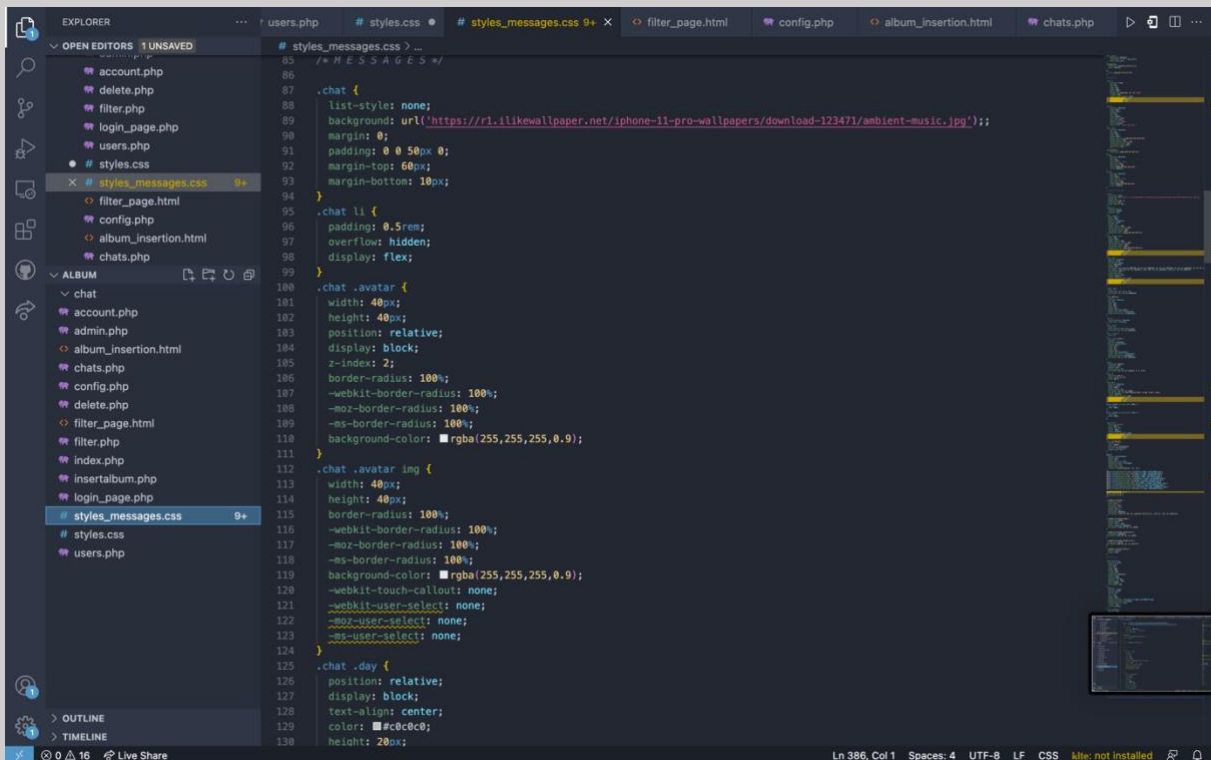
```
47 <?>
48
49 <!DOCTYPE html>
50 <html>
51 <head>
52 <link rel="stylesheet" href="styles_messages.css">
53 </head>
54
55 <div class="menu">
56 <div class="dropdown">
57 <h2> Support </h2>
58 <div class="dropdown-content">
59 <a href="#">Album is not present in the database</a>
60 <a href="#">Album cannot be added to the database</a>
61 <a href="#">Cannot login to the website</a>
62 <a href="#">Cannot filter albums and songs</a>
63 <a href="#">Cannot insert an album</a>
64 <a href="#">Cannot delete an album</a>
65 </div>
66 </div>
67 <div class="last">10:09</div>
68 </div>
69 <ol class="chat">
70 <?php
71 $keys = array_keys($msg_res_json);
72 for ($i = 0; $i < count($keys); $i++){
73     $chat_msg = $msg_res_json[$keys[$i]];
74     $name = $chat_msg['name'];
75     $msg = $chat_msg['msg'];
76     $time = $chat_msg['time'];
77     if ($name == 'admin') {
78         $from = 'other';
79     } else {
80         $from = 'self';
81     }
82     echo '
83 <li class="'.$from.'">
84 <div class="avatar">
85 
87 <div class="msg">
88 <p><span>'. $name. '</span></p>
89 <p>'. $msg. '</p>
90 <time>'. $time. '</time>
91 </div>
```

```
96 <form action="chats.php" method="POST">
97
98 <input name="usermsg" type="text" id="mymsg" placeholder="TYPE HERE!" />
99 <input type="submit" id="submitbtn" />
100 </form>
```

And this is style_messages.css for support page. I mostly got help from recitation codes:



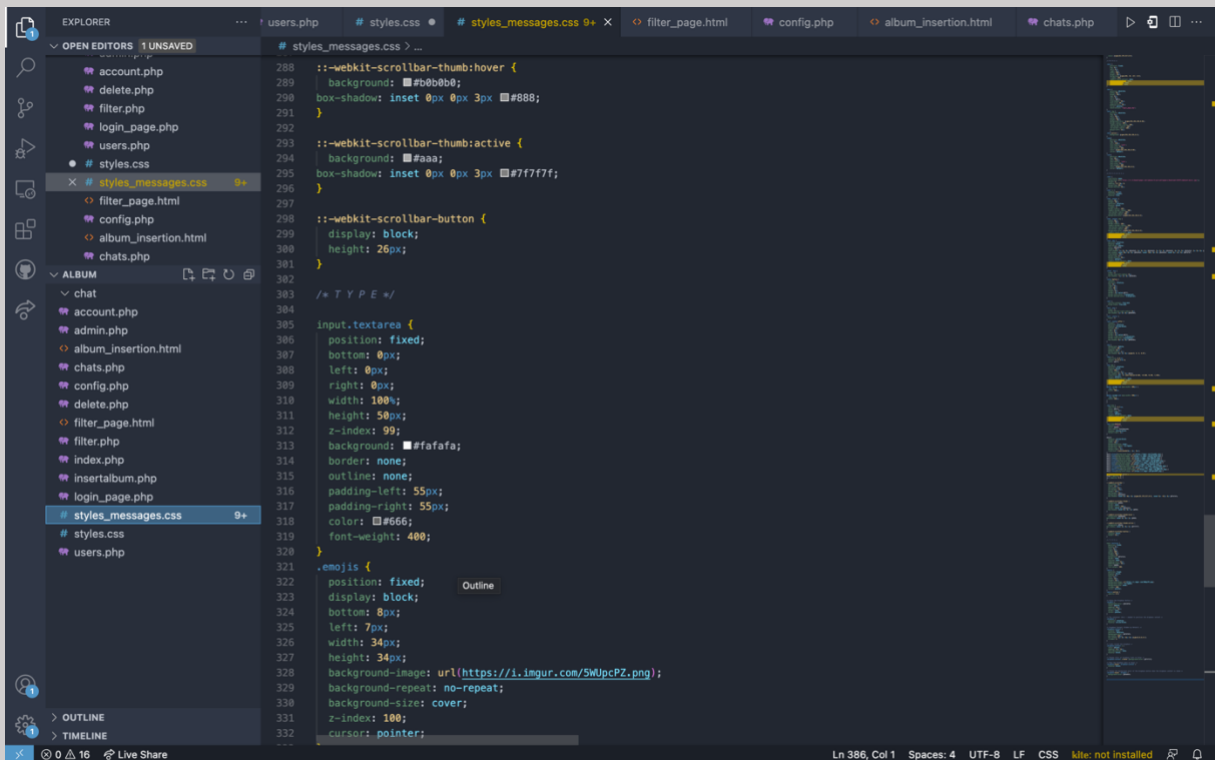
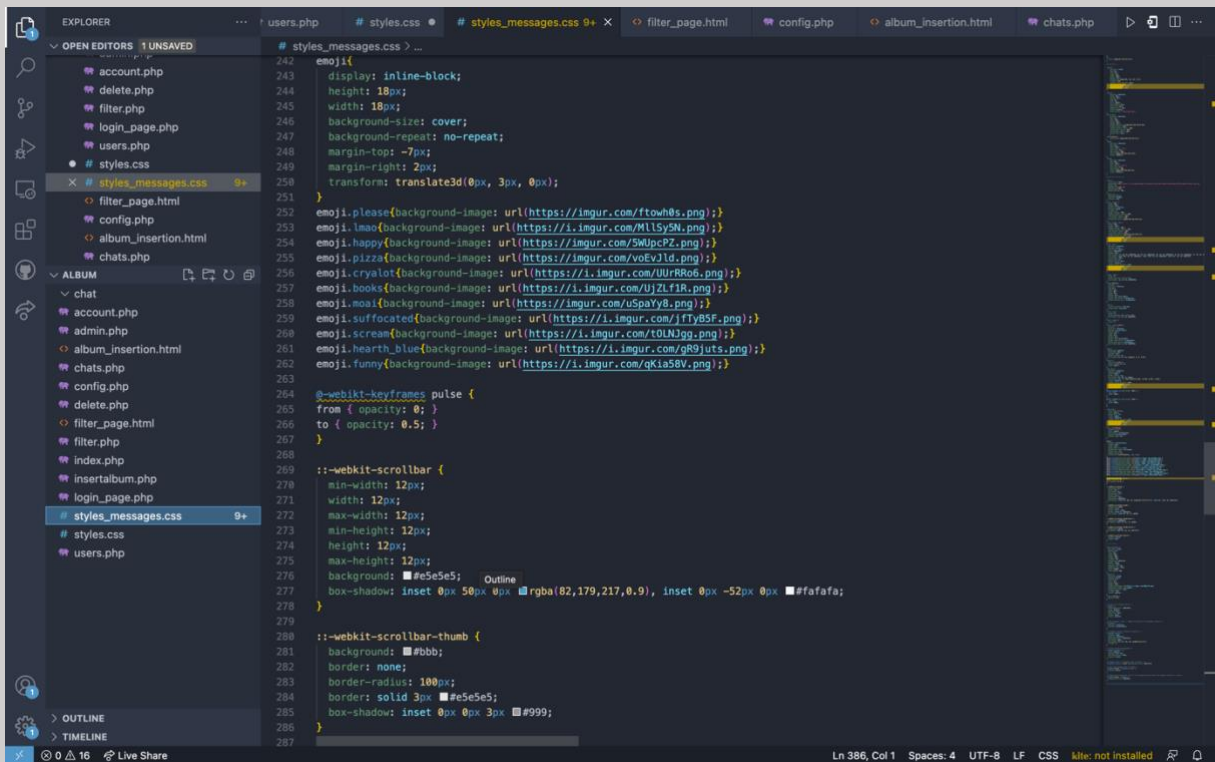
```
1  @import url(https://fonts.googleapis.com/css?family=Lato:100,300,400,700);
2  @import url(https://maxcdn.bootstrapcdn.com/font-awesome/4.2.0/css/font-awesome.min.css);
3
4  html, body {
5      background: #e5e5e5;
6      font-family: 'Lato', sans-serif;
7      margin: 0px auto;
8  }
9
10 ::selection{
11     background: #82,179,217,0.3;
12     color: inherit;
13 }
14
15 a{
16     color: #82,179,217,0.9;
17 }
18
19 /* MENU */
20
21 .menu {
22     position: fixed;
23     top: 0px;
24     left: 0px;
25     right: 0px;
26     width: 100%;
27     height: 50px;
28     background: #82,179,217,0.9;
29     z-index: 100;
30     -webkit-touch-callout: none;
31     -webkit-user-select: none;
32     -moz-user-select: none;
33     -ms-user-select: none;
34 }
35
36 .back {
37     position: absolute;
38     width: 90px;
39     height: 50px;
40     top: 0px;
41     left: 0px;
42     color: #ffff;
43     line-height: 50px;
44     font-size: 30px;
45     padding-left: 10px;
46     cursor: pointer;
47     touch-action: 'none none none';
```



```
85 /* MESSAGES */
86
87 .chat {
88     list-style: none;
89     background: url('https://r1.likewallpaper.net/iphone-11-pro-wallpapers/download-123471/ambient-music.jpg');
90     margin: 0;
91     padding: 0 0 50px 0;
92     margin-top: 60px;
93     margin-bottom: 10px;
94 }
95
96 .chat li {
97     padding: 0.5rem;
98     overflow: hidden;
99     display: flex;
100 }
101
102 .chat .avatar {
103     width: 40px;
104     height: 40px;
105     position: relative;
106     display: block;
107     z-index: 2;
108     border-radius: 100%;
109     -webkit-border-radius: 100%;
110     -moz-border-radius: 100%;
111     -ms-border-radius: 100%;
112     background-color: #82,255,255,0.9;
113 }
114
115 .chat .avatar img {
116     width: 40px;
117     height: 40px;
118     border-radius: 100%;
119     -webkit-border-radius: 100%;
120     -moz-border-radius: 100%;
121     -ms-border-radius: 100%;
122     background-color: #82,255,255,0.9;
123     -webkit-touch-callout: none;
124     -webkit-user-select: none;
125     -moz-user-select: none;
126     -ms-user-select: none;
127 }
128
129 .chat .day {
130     position: relative;
131     display: block;
132     text-align: center;
133     color: #82,255,255,0.9;
134     height: 20px;
```

```
143 .other .msg {
144   order: 1;
145   border-top-left-radius: 0px;
146   box-shadow: -1px 2px 0px #d4d4d4;
147 }
148 .other:before {
149   content: "";
150   position: relative;
151   top: 0px;
152   right: 0px;
153   left: 40px;
154   width: 0px;
155   height: 0px;
156   border: 5px solid #fff;
157   border-left-color: transparent;
158   border-bottom-color: transparent;
159 }
160 .self {
161   justify-content: flex-end;
162   align-items: flex-end;
163 }
164 .self .msg {
165   order: 1;
166   border-bottom-right-radius: 0px;
167   box-shadow: 1px 2px 0px #d4d4d4;
168 }
169 .self .avatar {
170   order: 2;
171 }
172 .self .avatar:after {
173   content: "";
174   position: relative;
175   display: inline-block;
176   bottom: 19px;
177   right: 0px;
178   width: 0px;
179   height: 0px;
180   border: 5px solid #fff;
181   border-right-color: transparent;
182   border-top-color: transparent;
183   box-shadow: 0px 2px 0px #d4d4d4;
184 }
185
186
187 .msg {
```

```
188 .msg {
189   background: #fff;
190   min-width: 50px;
191   padding: 10px;
192   border-radius: 2px;
193   box-shadow: 0px 2px 0px rgba(0, 0, 0, 0.07);
194 }
195 .msg p {
196   font-size: 0.8rem;
197   margin: 0 0 0.2rem 0;
198   color: #777;
199 }
200 .msg img {
201   position: relative;
202   display: block;
203   width: 450px;
204   border-radius: 5px;
205   box-shadow: 0px 0px 3px #eee;
206   transition: all .4s cubic-bezier(0.565, -0.260, 0.255, 1.410);
207   cursor: default;
208   -webkit-touch-callout: none;
209   -webkit-user-select: none;
210   -ms-user-select: none;
211   -ms-user-select: none;
212 }
213 @media screen and (max-width: 800px) {
214   .msg img {
215     width: 300px;
216   }
217 }
218 @media screen and (max-width: 550px) {
219   .msg img {
220     width: 200px;
221   }
222 }
223 .msg time {
224   font-size: 0.7rem;
225   color: #ccc;
226   margin-top: 3px;
227   float: right;
228   cursor: default;
229   -webkit-touch-callout: none;
230   -webkit-user-select: none;
231   -ms-user-select: none;
232 }
```

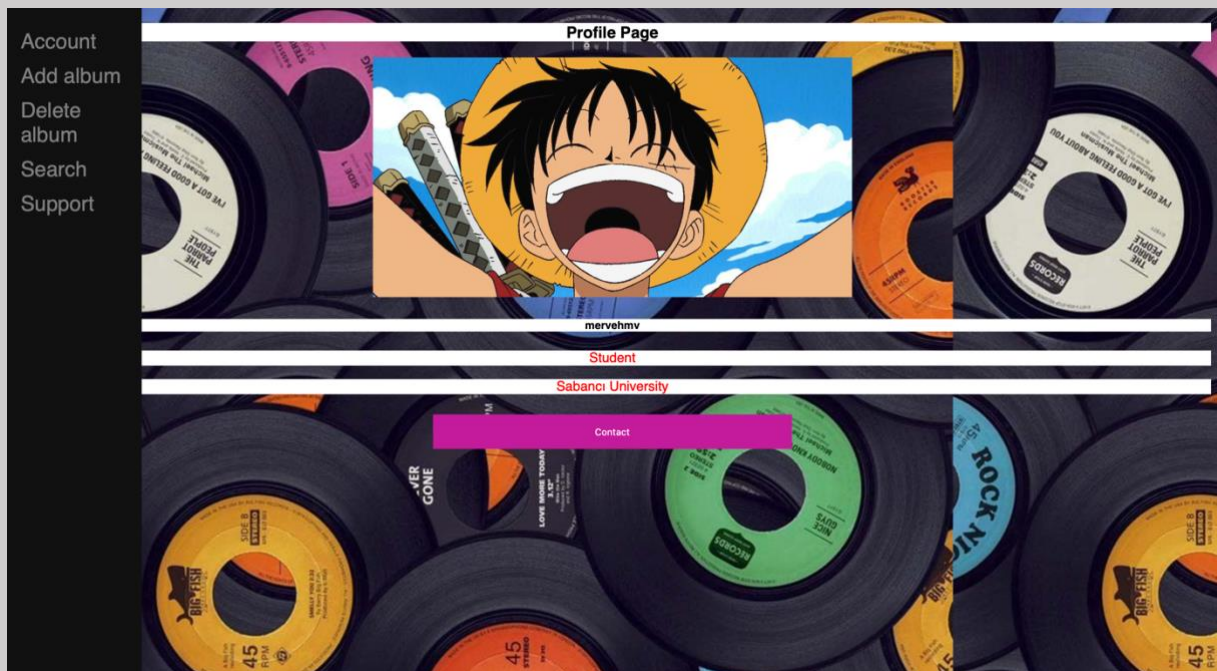



The screenshot shows the VS Code editor with the following files open in the Explorer: `account.php`, `delete.php`, `filter.php`, `login_page.php`, `users.php`, `styles.css`, `styles_messages.css` (9+), `filter_page.html`, `config.php`, `album_insertion.html`, and `chats.php`. The `styles_messages.css` file is selected and contains the following CSS code:

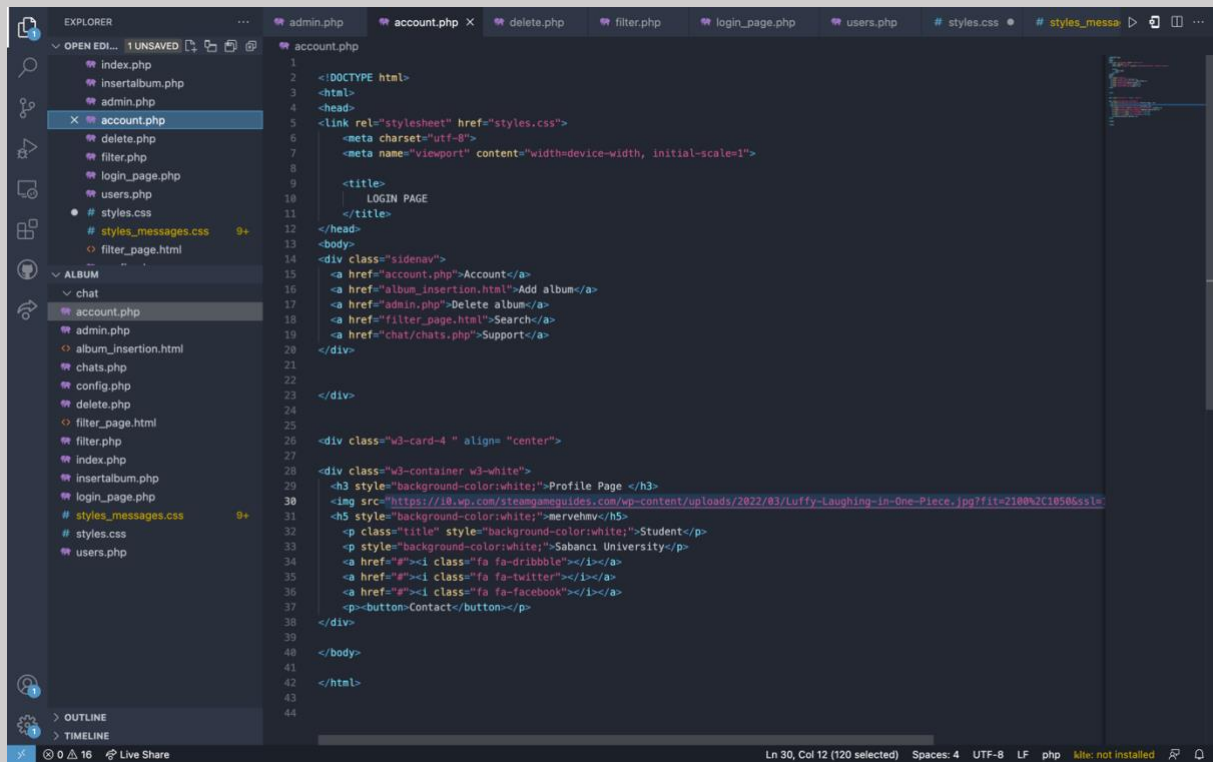
```
348 .dropbtn {
349   background-color: #4CAF50;
350   color: white;
351   padding: 16px;
352   font-size: 16px;
353   border: none;
354   cursor: pointer;
355 }
356
357 /* The container <div> - needed to position the dropdown content */
358 .dropdown {
359   position: relative;
360   display: inline-block;
361 }
362
363 /* Dropdown Content (Hidden by Default) */
364 .dropdown-content {
365   display: none;
366   position: absolute;
367   background-color: #f9f9f9;
368   min-width: 160px;
369   box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
370   z-index: 1;
371 }
372
373 /* Links inside the dropdown */
374 .dropdown-content a {
375   color: black;
376   padding: 12px 16px;
377   text-decoration: none;
378   display: block;
379 }
380
381 /* Change color of dropdown links on hover */
382 .dropdown-content a:hover {background-color: #f1f1f1}
383
384 /* Show the dropdown menu on hover */
385 .dropdown:hover .dropdown-content {
386   display: block;
387 }
388
389 /* Change the background color of the dropdown button when the dropdown content is shown */
390 .dropdown:hover .dropbtn {
391   background-color: #3e8e41;
392 }
```

• Account Page

This is account page:



And this is php file of account page:



```
1
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <link rel="stylesheet" href="styles.css">
6 <meta charset="utf-8">
7 <meta name="viewport" content="width=device-width, initial-scale=1">
8
9 <title>
10 LOGIN PAGE
11 </title>
12 </head>
13 <body>
14 <div class="sidenav">
15 <a href="account.php">Account</a>
16 <a href="album_insertion.html">Add album</a>
17 <a href="admin.php">Delete album</a>
18 <a href="filter_page.html">Search</a>
19 <a href="chat/chats.php">Support</a>
20 </div>
21
22 </div>
23
24 <div class="w3-card-4" align="center">
25
26 <div class="w3-container w3-white">
27
28 <h3 style="background-color:white;">Profile Page </h3>
29 mervehm</h5>
31 <p class="title" style="background-color:white;">Student</p>
32 <p style="background-color:white;">Sabanci University</p>
33 <a href="#"><i class="fa fa-dribbble"></i></a>
34 <a href="#"><i class="fa fa-twitter"></i></a>
35 <a href="#"><i class="fa fa-facebook"></i></a>
36 <p>button<Contact</button></p>
37 </div>
38
39 </div>
40
41 </body>
42 </html>
43
44
```