PROJECT STEP 2 Description

1) Database Introduction

We have a database called "accountdb" which has and will have information about accounts. In other words, it has account username, account nickname, account password and account age in the given order. This accounts data will have 3 different tables: free accounts, admin account and premium accounts. In this project step, we created the free accounts table in the accountdb. It is also possible to delete or insert new account information to the table later on, as well as selecting the accounts between desired ages. How we have demonstrated the table in the website can be seen in the picture below;

2) Insertion

When we go to the URL 'http://localhost/free_account/free_account_insertion.html ' we are greeted with this page:

Please enter the Username, Nickname, Password, and Account information to add new account:

Account Username: [   ]

Account Nickname: [   ]

Account Password: [   ]

Account Age: [   ]

[Submit]

This page gets the Username, Nickname, Password, and Age information to add a new account.

This is the html code that takes Username, Nickname, Password, and Age inputs from the user:

```
C: > Xammpp > htdocs > free_account > <> free_account_insertion.html > ...
   1    <form action="insertfree_account.php" method="POST">
   2        Please enter the Username, Nickname, Password, and Age information to add new account:
   3        <br>
   4        <br>
   5        Account Username:
   6        <input type="text" id="username" name="username">
   7        <br><br>
   8        Account Nickname:
   9        <input type="text" id="nickname" name="nickname">
  10        <br><br>
  11        Account Password:
  12        <input type="text" id="pass" name="pass">
  13        <br><br>
  14        Account Age:
  15        <input type="int" id="age" name="age">
  16        <br><br>
  17        <input type="submit" value="Submit">
  18    </form>
```

After that we pass these inputs to insertfree_account.php file and do the insertion operation.

Insertfree_account.php:

```
C: > Xammpp > htdocs > free_account > 🐘 insertfree_account.php
   1    <?php
   2
   3    include "config.php";
   4
   5    if (!empty($_POST['username'])){
   6        $username = $_POST['username'];
   7        $nickname = $_POST['nickname'];
   8        $pass = $_POST['pass'];
   9        $age = $_POST['age'];
  10        $sql_statement = "INSERT INTO free_account(username, nickname, pass, age)  VALUES ('$username','$nickname','$pass', $age)";
  11
  12        $result = mysqli_query($db, $sql_statement);
  13        echo "Your result is: " . $result;
  14    }
  15    else
  16    {
  17        echo "You did not enter your name.";
  18    }
  19
  20    ?>
  21    |
```

Here is the initial database:

abilal - bilo - 6778 - 20
brkbatman - burka - 0918 - 19
demmelih - MAFF - 4567 - 18
idildikmen - iid - 9876 - 17
numanbykbs - salovalo - 1234 - 18

If we want to add a new account to this database:
We give the inputs and click on submit:

Please enter the Username, Nickname, Password, and Age information to add new account:

Account Username: Mehmet

Account Nickname: memo

Account Password: 5854

Account Age: 25

Submit

Then the new account is added to the database and our database become:

abilal - bilo - 6778 - 20
brkbatman - burka - 0918 - 19
demmelih - MAFF - 4567 - 18
idildikmen - iid - 9876 - 17
Mehmet - memo - 5854 - 25
numanbykbs - salovalo - 1234 - 18

3) Deletion

admin.php

```php
1   <?php
2
3   include "config.php";
4
5   ?>
6
7   <form action="delete.php" method="POST">
8   <select name="ids">
9
10  <?php
11
12  $sql_command = "SELECT username, nickname, age FROM free_account";
13
14  $myresult = mysqli_query($db, $sql_command);
15
16      while($id_rows = mysqli_fetch_assoc($myresult))
17      {
18          $username = $id_rows['username'];
19          $nickname = $id_rows['nickname'];
20          $age = $id_rows['age'];
21          echo "<option value=$username>". $nickname . " - " . $age . "</option>";
22      }
23
24  ?>
25
26  </select>
27  <button>DELETE</button>
28  </form>
```
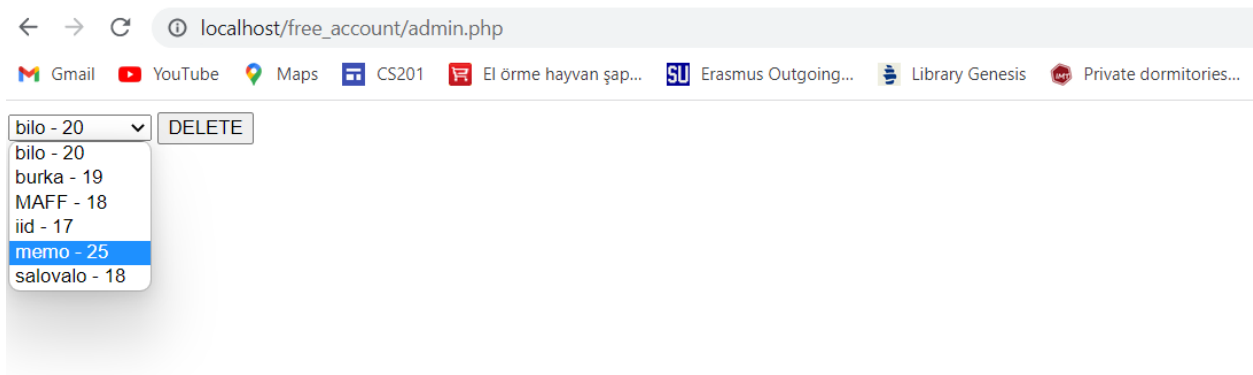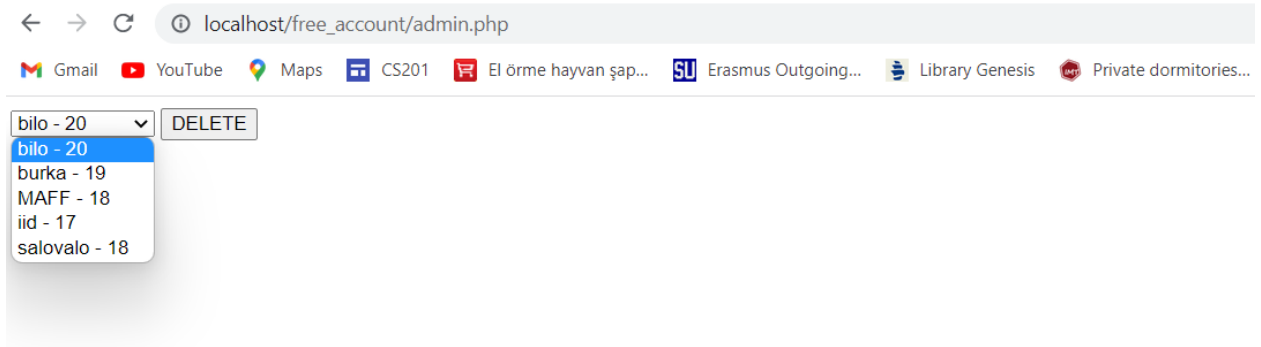
When we go to the URL 'http://localhost/free_account/admin.php' we are greeted with this page:

On this page, we have access to the table. We can delete any row from the table as the admin. For instance, when we want to delete the user "memo", we choose the corresponding row and click DELETE. Then, as seen on the screenshots below the user no longer appears in both the admin and the index page.

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bilo - 20 ▾ [DELETE]

| bilo - 20 |
| burka - 19 |
| MAFF - 18 |
| iid - 17 |
| salovalo - 18 |

(admin page after the deletion)

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abilal - bilo - 6778 - 20
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idildikmen - iid - 9876 - 17
numanbykbs - salovalo - 1234 - 18

(index page after the deletion)

4) Selection
   When we go to the URL 'http://localhost/free_account/free_account_selection.html' we
   are greeted with this page:

   Please enter the intervals for your age selection:
   Start Age: [_____] Finish Age: [_____] [Submit]

   Saying to enter the Start Age and Finish age so that we can select the people who are
   on that interval.
   This is the html code to get the inputs from the user:

```html
<> free_account_selection.html > ⊘ form
1    <form action="selection.php" method="POST">
2        Please enter the intervals for your age selection:
3        <br>
4        Start Age:
5        <input type="int" id="startage" name="startage">
6        Finish Age:
7        <input type="int" id="finishage" name="finishage">
8        <input type="submit" value="Submit">
9    </form>
```

   After that, we pass these inputs to the selection.php file and do the operations.

```php
selection.php
1    <?php
2
3    include "config.php";
4
5    if (!empty($_POST['startage'])){
6        $start_age = $_POST['startage'];
7        $finish_age = $_POST['finishage'];
8        $sql_statement = "SELECT * FROM free_account WHERE age>$start_age AND age<$finish_age";
9
10       $result = mysqli_query($db, $sql_statement);
11       while($row = mysqli_fetch_assoc($result)) { // Iterating the result
12           $username = $row['username'];
13           $nickname = $row['nickname'];
14           $pass = $row['pass'];
15           $age = $row['age'];
16           echo $username . " " . $nickname . " " . $pass . " " .$age . "<br>";
17       }
18
19   }
20   else
21   {
22       echo "You did not enter your start age.";
23   }
24
25   ?>
```

Here is the initial database:

abilal - bilo - 6778 - 20
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idildikmen - iid - 9876 - 17
numanbykbs - salovalo - 1234 - 18

If I want to select the people who are 17-19, I should see the people demmelih(MAFF) and numanbykbas(salovalo):

Please enter the intervals for your age selection:
Start Age: 17   Finish Age: 19   Submit

When clicked on the Submit button:

demmelih MAFF 4567 18
numanbykbs salovalo 1234 18

I get those values.