CS 355
Assignment 11

(Dinesh Chukkala, 2001CS22)

Note:

The OS used for this assignment is GNU/Linux (Distro: Ubuntu 22.04).
The PHP code is made public and can be accessed from this repository:
> https://github.com/HumanChwan/CS355-assignment11

Task 1

- Installed php using the following command:
    - `$ sudo apt install php`
- Installed apache2 server using the following command:
    - `$ sudo apt install apache2`
- `$ php -v`
    - `PHP 8.1.2-1ubuntu2.6 (cli) (built: Sep 15 2022 11:30:49) (NTS)`
    - `Copyright (c) The PHP Group`
    - `Zend Engine v4.1.2, Copyright (c) Zend Technologies`
    - `    with Zend OPcache v8.1.2-1ubuntu2.6, Copyright (c), by Zend Technologies`
- `$ apache2 -v`
    - `Server version: Apache/2.4.52 (Ubuntu)`
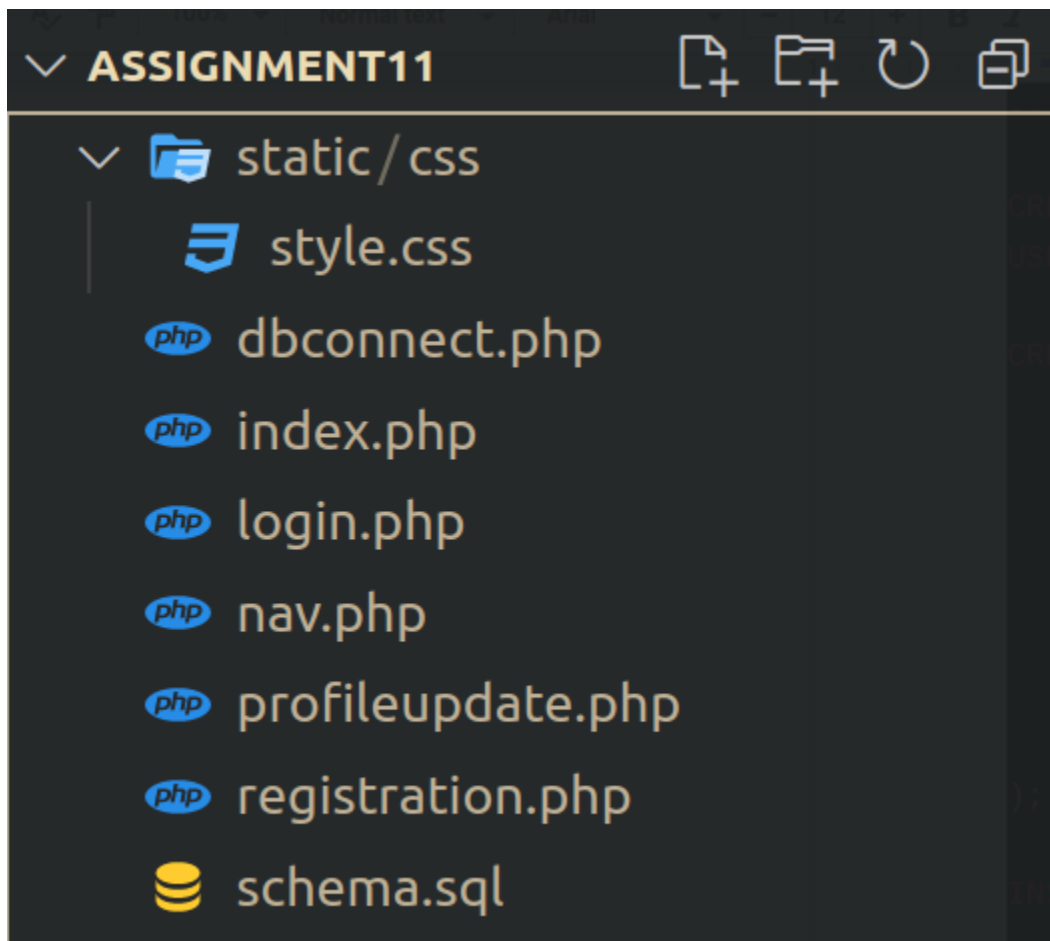   - `Server built:   2022-06-14T12:30:21`

Task 2

- MySQL:

```sql
-- Name: Dinesh Chukkala
-- Roll: 2001CS22

CREATE DATABASE library_db11;
USE library_db11;

CREATE TABLE Student (
    stdID VARCHAR(10) primary key,
    passwd VARCHAR(255) NOT NULL,
    stdName VARCHAR(20) NOT NULL,
    DoJ DATE,
    age INTEGER,
    department VARCHAR(20) NOT NULL,
    mobileNo BIGINT,
    email VARCHAR(30) NOT NULL UNIQUE
);

INSERT INTO Student VALUES
    ("CS22", "supersecret", "Dinesh", "2002-12-23", 20, "CSE",
9898989812, "din@dines.com"),
    ("EE24", "secret", "Alex", "2002-12-23", 22, "EE",
9898989812, "alex@alex.com"),
    ("CS12", "sec", "Drona", "2002-12-23", 19, "CSE", 9898989812,
"drone@drona.com"),
    ("ME02", "se", "Mooody", "2002-12-23", 21, "ME", 9898989812,
"mooody@gov.in"),
    ("CB56", "super", "Jake", "2002-12-23", 23, "CBE",
9898989812, "jakepaul@iitp.ac.in");
```

- PHP Project File Structure:

- File: `dbconnect.php`:
    - This file contains the MySQL connection details, as well as it handles establishing the connection using the `mysqli` module of PHP.

```php
<?php
$db_host = "localhost";
$db_username = "assign";
$db_password = "<|s|e|c|r|e|t|>";
$db_name = "library_db11";

$conn = mysqli_connect($db_host, $db_username, $db_password,
$db_name);

if (!$conn) {
    die("Could not connect" . mysqli_connect_error());
```

```
    }
    echo "<script>console.log('db connected')</script>";
?>
```

Screenshots:
- Home Page:

Assignment 11	Student Portal	Login	Register	Update Profile

Register
Login
Profile Update

- Register Page:

Assignment 11	Student Portal	Login	Register	Update Profile

Student ID: `student ID`

Name: `name`

Password: `password`

Age: `age`

Date of Joining: `dd/mm/yyyy`

Department: `department`

Mobile No.: `mobile number`

Email: `email`

Submit

Student ID: CS69

Name: Dinesh

Password: ......

Age: 20

Date of Joining: 25/08/2020

Department: CSE

Mobile No.: 9868300785

Email: email@gmail.com

Submit

Student ID: student ID

Name: name

Password: password

Age: age

Date of Joining: dd/mm/yyyy

Department: department

Mobile No.: mobile number

Email: email

Submit

CREATED NEW Student!

- Login Page:

Student ID: CS69

Password: ......

Login

INVALID CREDENTIALS

ID:	CS69
Name:	Dinesh
Age:	20
Date of Joining:	2020-08-25
Department:	CSE
Mobile Number:	9868300785
Email:	email@gmail.com

- Profile Update Page:

Student ID: [student ID]

Password: [password]
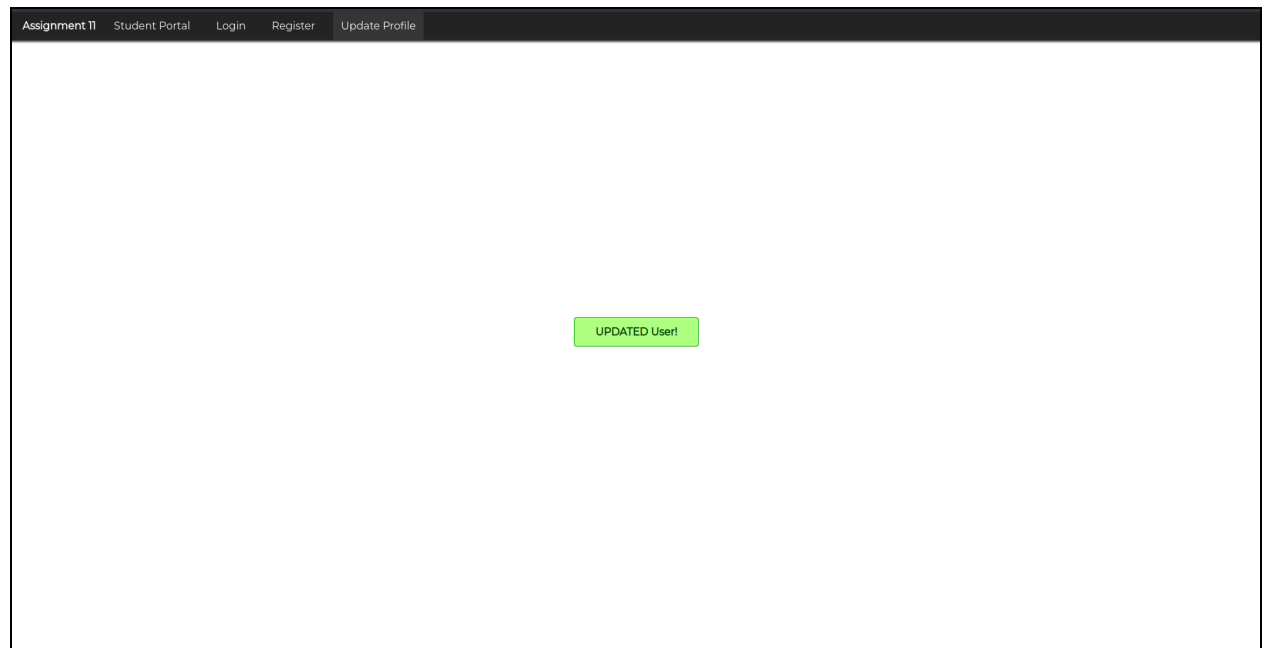
[Submit]

Mobile No.:   9868300785

Email: email@gmail.com

Submit

Mobile No.:   9868300785

Email: new_email@gg.com

Submit

UPDATED User!

After updating, the Data:

ID:	CS69
Name:	Dinesh
Age:	20
Date of Joining:	2020-08-25
Department:	CSE
Mobile Number:	9868300785
Email:	new_email@gg.com