Assignment - II

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Project Name	News Tracker Application

1. Create User table with email, username, roll number, password.
 2. Perform UPDATE, DELETE Queries with user table
3. Connect python code to db2. 4. Create a flask app with registration page, login page and welcome page. By default, load the registration page once the user enters all the fields store the data in database and navigate to login page. Authenticate user with username and password. If the user is valid show the welcome page

CRUD OPERATION IN IBM DB2:

1. **Create Table:**
    CREATE TABLE assignment_user (
    id INT NOT NULL PRIMARY KEY GENERATED ALWAYS AS IDENTITY
(START WITH 1 INCREMENT BY 1),
    email VARCHAR(50) NOT NULL UNIQUE,
    password_hash VARCHAR(64) NOT NULL,
    username VARCHAR(50) NOT NULL UNIQUE,
    rollno VARCHAR(15) NOT NULL UNIQUE
    );

2. **Insert:**
    INSERT INTO assignment_user (email, password_hash, username, rollno) VALUES
('harinisree@gmail.com', harinisree@09', harinisree', '19BIT024');

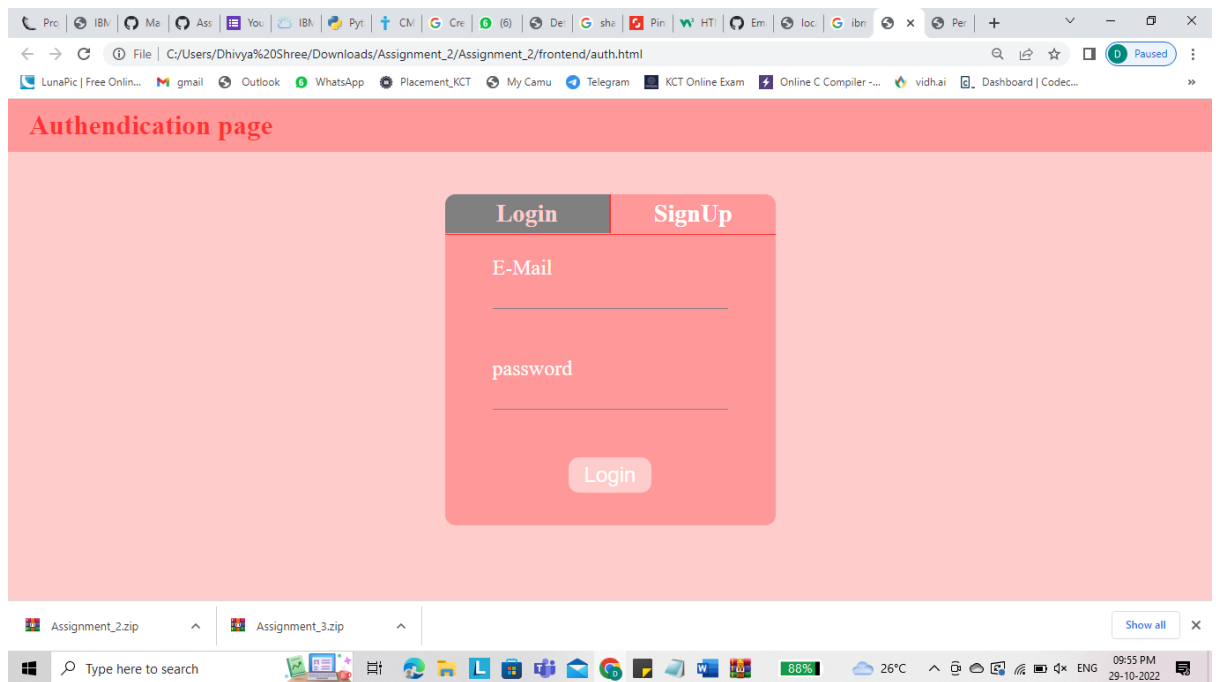3. **Read:**
    SELECT * FROM assignment_user;

4. **Update:**
    UPDATE assignment_user SET password_hash = 'Harinisree@14' WHERE rollno =
'19BIT024';

5. **Delete:**

    DELETE FROM assignment_user WHERE rollno = '19BIT024';

Screenshot:

Login and Signup page:

Welcome page: