## **ASSIGNMENT - 2**

Assignment Date	01 October 2022
Student Name	Vinoth R
Student Roll Number	311619104083
Maximum Marks	2 Marks

# Question-1:

# Create a Flask App

```
• арр.ру
S: > Project_1 > Assignments > Team Leader > Assignment 2 > flask-app > ♠ app.py > ♠ signin
from flask import Flask, render_template, request, redirect, url_for, flash
   import sqlite3
app = Flask(_name__)
   4 app.secret_key = "69420"
         def init db():
             db = sqlite3.connect('users.db')
with open('schema.sql', 'r') as schema:
db.executescript(schema.read())
             db.commit()
         @app.cli.command('initdb')
def initdb_cmd():
              init_db()
print("Initialised database.")
        print("Initialised database.")
def get_db():
    conn = sqlite3.connect('users.db')
    conn.row_factory = sqlite3.Row
    return conn
@app.route('/')
def index():
               return render_template('index.html', title='Home')
         @app.route('/about')
def about():
         return render_template('about.html', title='About')
@app.route('/signin', methods=('GET', 'POST'))
          def signin():
              ).fetchone()
if user is None:
                    error = 'Incorrect Username/Password.'
elif password != user['password']:
                    print(user)
error = 'Incorrect Password.'
if error is None:
                           return redirect(url_for('about'))
        db.close()
return render_template('signin.html', title='Sign In', error=error)
@app.route('/signup', methods=('POST', 'GET'))
               if request.method == 'POST':
                    request.metnod == PUSI :
username = request.form['username']
password = request.form['password']
email = request.form['email']
name = request.form['name']
                     db = get_db()
                     curr = db.cursor()
                   curr.execute(
  'INSERT INTO users (username, password, email, name) VALUES (?, ?, ?);', (username, password, email, name)
                     db.commit()
                     db.close()
return render_template('index.html', title="Home", succ="Registration Successfull!")
         if __name__ == '__app__':
app.run(debug = True)
```

#### Question-2:

# Add the Home page, About Page

#### Home page

#### About page

```
about.html • Ø signin.html
   {% block title %}
   About
   {% endblock title %}
   <h1>About</h1>
      <h1>Me!</h1>
      Hi, I'm <strong>VINOTH R</strong>, I like to code, watch animation movies and play computer games.
      <h3>Education</h3>
      I am currently in final year of my college studying <strong>COMPUTER SCIENCE & ENGINEERING</strong>.
      <h3>Languages</h3>
      < can speak and write <strong>Tamil</strong> & <strong>English</strong> fluently.As for programming languages, please take a look at the below information.
      aria-valuemax="100"></div
      aria-valuemax="100"></div>
       <h5>HTML</h5>
      <div class="progress">
        div class="progress-bar bg-danger" role="progressbar" style="width: 80%" aria-valuenow="80" aria-valuemin="0" aria-valuemax="100"></div>
```

# Question-3:

Add the Bootstrap

```
1 </-- Connect Bootstrap -->
2 <link
3    href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
4    rel="stylesheet"
5    />
```

# Question-4:

Add the Sign in page and App the Signup Page + database connectivity

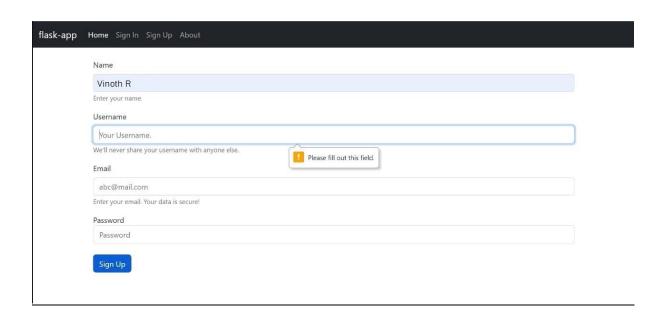
Sign-in page

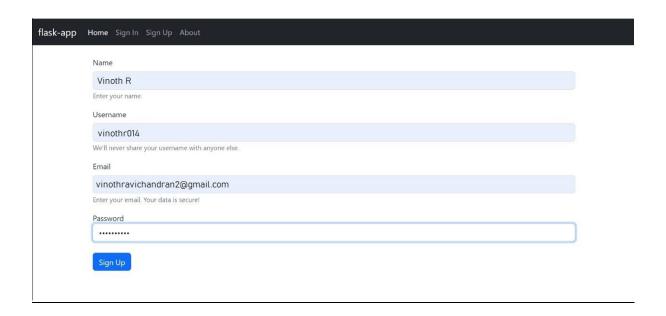
```
o signin.html × signup.html
                                                                        app.py
S: > Project_1 > Assignments > Team Leader > Assignment 2 > flask-app > templates > ♦ signin.html
       {% extends 'base.html' %}
{% block title %}
{{title}}
        {% block content %}
       <div class="formuwu";</pre>
         <div class="form"
           <form method="post">
              <div class="form-group">
    <label for="exampleInputUsername">Username</label>
                <input type="text" class="form-control" name="username" id="username" aria-describedby="usernameHelp"</pre>
                | placeholder="Enter Username">

<small id="usernameHelp" class="form-text text-muted">We'll never share your username with anyone else.</small>
               <label for="exampleInputPassword1">Password</label>
                <input type="password" class="form-control" name="password" id="password" placeholder="Password">
            {% if error %}
<div class="alert alert-danger">
             {{error}}
</div>
              {% endif %}
              <button type="submit" class="btn btn-primary">Submit
       {% endblock content %}
```

# Sign-up page

## **Output**





Registration Successfull!

# WELCOME TO MY SITE

Feel free to browse through the site.

This is a **flask-app** assignment.

was written by

# VINOTH R

flask-app	Home Sign In Sign Up About	
		About
		Me!
		Hi, I'm <b>ViNOTH R</b> ; I like to code, watch animation movies and play computer games
		Education
		I am currently in final year of my college studying COMPUTER SCIENCE & ENGINEERING.
		Languages
		I can speak and write Tamiii & English fluently.
		As for programming languages, please take a look at the below information.
		Python
		c
		Java
		нтмь
1		