

Assignment -2

Python Flask App Assignment

Assignment Date	24-09-2022
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Maximum Marks	2 Marks

Question 1:

Create flask app and add the Home page

Solution:

Flask app: app.py:

```
from flask import Flask, url_for, render_template

app = Flask(__name__)

@app.route("/")
def homePage():
    return render_template('HomePage.html')

@app.route("/aboutpage")
def AboutPage():
    return render_template('AboutPage.html')

@app.route("/signup")
def signup():
    return render_template('SignUp.html')

@app.route("/signIn")
def signIn():
```

```
return render_template('Sign-in.html')
```

Home page: HomePage.html

Solution

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCO
mLASjC" crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYIzclA8NI+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtla
xVXM" crossorigin="anonymous"></script>
<style>
* {
    box-sizing: border-box;
}

body {
    font-family: Arial;
    padding: 10px;
    background: Lavender;
}

/* Header/Blog Title */
.header {
    padding: 30px;
    text-align: center;
    background: Thistle;
}

.header h1 {
    font-size: 50px;
}

/* Style the top navigation bar */
.topnav {
    overflow: hidden;
    background-color: #FAEBD7 ;
}

/* Style the topnav links */
```

```
.topnav a {  
  float: left;  
  display: block;  
  color: #f2f2f2;  
  text-align: center;  
  padding: 14px 16px;  
  text-decoration: none;  
}
```

```
/* Change color on hover */  
.topnav a:hover {  
  background-color: #ddd;  
  color: black;  
}
```

```
/* Create two unequal columns that floats next to each other */  
/* Left column */  
.leftcolumn {  
  float: left;  
  width: 75%;  
}
```

```
/* Right column */  
.rightcolumn {  
  float: left;  
  width: 25%;  
  background-color: #f1f1f1;  
  padding-left: 20px;  
}
```

```
/* Fake image */  
.fakeimg {  
  background-color: #aaa;  
  width: 100%;  
  padding: 20px;  
}
```

```
/* Add a card effect for articles */  
.card {  
  background-color: Snow;  
  padding: 20px;  
  margin-top: 20px;  
}
```

```
/* Clear floats after the columns */
```

```
.row:after {  
  content: "";  
  display: table;  
  clear: both;  
}
```

```
/* Footer */
```

```
.footer {  
  padding: 20px;  
  text-align: center;  
  background: #ddd;  
  margin-top: 20px;  
}
```

```
/* Responsive layout - when the screen is less than 800px wide, make the two columns stack on  
top of each other instead of next to each other */
```

```
@media screen and (max-width: 800px) {  
  .leftcolumn, .rightcolumn {  
    width: 100%;  
    padding: 0;  
  }  
}
```

```
/* Responsive layout - when the screen is less than 400px wide, make the navigation links stack  
on top of each other instead of next to each other */
```

```
@media screen and (max-width: 400px) {  
  .topnav a {  
    float: none;  
    width: 100%;  
  }  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<center> <h1>Welcome to the project Customer Care Registry </h1></center>
```

```
<div class="header">
```

```
  <h1>CUSTOMER CARE REGISTRY</h1>
```

```
  <p>Reolve the problems from customers</p>
```

```
</div>
```

```
<div class="row">
```

```

<div class="leftcolumn">
  <div class="card">
    <h2>Purpose of Inventory Management System</h2>
    <p>This Application has been developed to help the customer in processing their
complaints. The customers can raise the ticket with a detailed description of the issue. An
Agent will be assigned to the Customer to solve the problem. Whenever the agent is assigned
to a customer they will be notified with an email alert. Customers can view the status of the
ticket till the service is provided.

  </p>
  <h2>Sections </h2>
  <li> Admin </li>
  <p>Admin : The main role and responsibility of the admin are to take care of the whole process.
Starting from Admin login followed by the agent creation and assigning the customer's
complaints</p>
  <li> User </li>
  <p>They can register for an account. After the login, they can create the complaint with a
description of the problem they are facing. Each user will be assigned with an agent.</p>
  <div class="rightcolumn">
    <div class="card">
      <h2>About Me</h2>

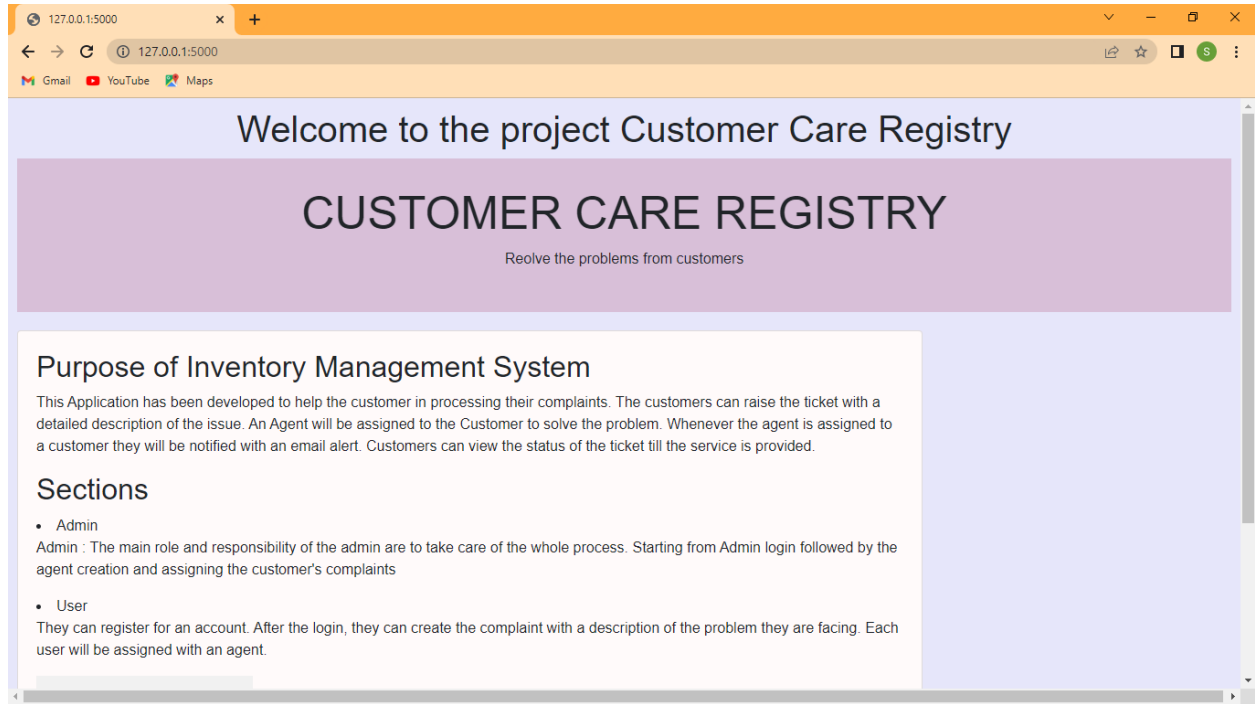
      <p>Sabitha.N<br>
Student at ACEW<br>
Kanyakumari district<br>
TamilNadu</p>
    </div>

  </div>

</body>
</html>

```

Output:



2.About page: AboutPage.html

Solution:

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">

    <link type="text/css" rel="stylesheet" href="{{ url_for('static',
filename='stylesheets/styles.css') }}" />

  </head>
  <body>
    <div class="about-section">
      <div class="inner-width">
        <h1><center>About Us-Sabitha N (Customer care registry team
lead)<center></h1>
        <div class="border"></div>
        <div class="about-section-row">
          <div class="about-section-col">
            <div class="about">
              <p>About me </br>
```

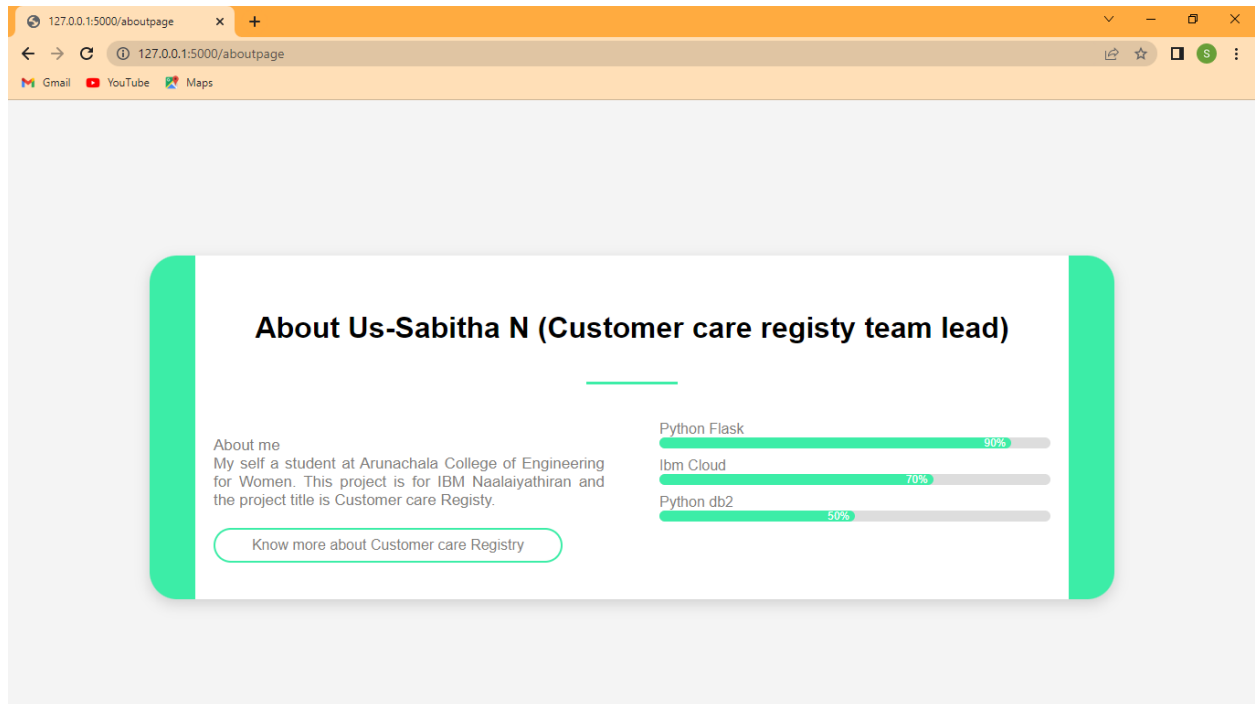
My self a student at Arunachala College of Engineering for Women. This project is for IBM Naalaiyathiran and the project title is Customer care Registry.

```
</p>
<a href="#">Know more about Customer care Registry</a>
</div>
</div>
<div class="about-section-col">
  <div class="skills">
    <div class="skill">
      <div class="title">Python Flask </div>
      <div class="progress">
        <div class="progress-bar p1"><span>90%</span></div>
      </div>
    </div>

    <div class="skill">
      <div class="title">Ibm Cloud</div>
      <div class="progress">
        <div class="progress-bar p2"><span>70%</span></div>
      </div>
    </div>

    <div class="skill">
      <div class="title">Python db2</div>
      <div class="progress">
        <div class="progress-bar p3"><span>50%</span></div>
      </div>
    </div>
  </div>
</div>
</div>
</div>
</div>
</div>
</body>
</html>
```

Output



3.Signup page:SignUp.html

Solution:

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="{{url_for('static', filename='stylesheets/mystyle.css')}}">
</head>
<body>
<form action="action_page.php" style="border:1px solid #ccc">
  <div class="container">
    <h1>Sign Up</h1>
    <p>Please
```

3.Signup page :SignUp.html:

Solution:

fill in this form to create an account to customer care registry.</p>

```
<hr>
```

```
<label for="email"><b>Email</b></label>
```

```
<input type="text" placeholder="Enter Email" name="email" required>
```

```
<label for="psw"><b>Password</b></label>
```

```
<input type="password" placeholder="Enter Password" name="psw" required>
```



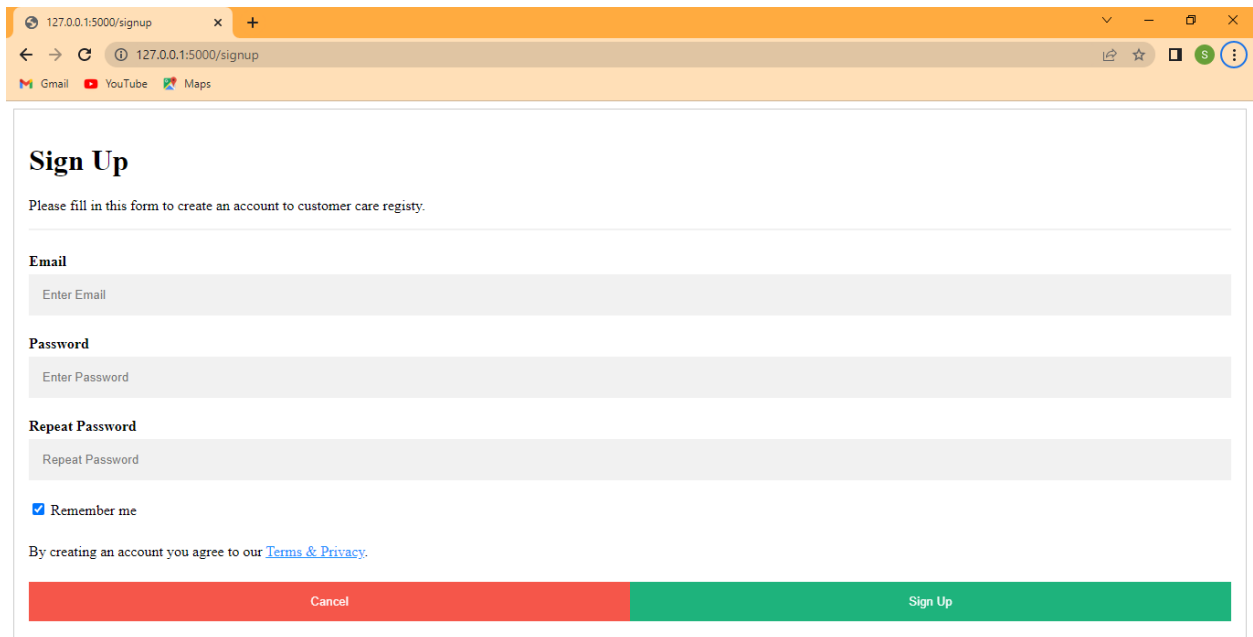
```
<label for="psw-repeat"><b>Repeat Password</b></label>
<input type="password" placeholder="Repeat Password" name="psw-repeat"
required>
```

```
<label>
  <input type="checkbox" checked="checked" name="remember"
style="margin-bottom:15px"> Remember me
</label>
```

```
<p>By creating an account you agree to our <a href="#"
style="color:dodgerblue">Terms & Privacy</a>.</p>
```

```
<div class="clearfix">
  <button type="button" class="cancelbtn">Cancel</button>
  <button type="submit" class="signupbtn">Sign Up</button>
</div>
</div>
</form>
</body>
</html>
```

Output:



127.0.0.1:5000/signup

127.0.0.1:5000/signup

Gmail YouTube Maps

Sign Up

Please fill in this form to create an account to customer care registry.

Email

Enter Email

Password

Enter Password

Repeat Password

Repeat Password

☒ Remember me

By creating an account you agree to our [Terms & Privacy](#).

Cancel Sign Up

4.SignIn page: Sign-in.html:

Solution

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="{{url_for('static', filename='stylesheets/mystyle1.css')}}">
</head>
<body>

<form action="action_page.php" method="post">
  <div class="imgcontainer">
    
  </div>

  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>

    <button type="submit">Login</button>
    <label>
      <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
  </div>

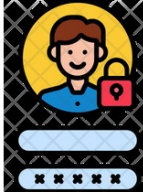
  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="#">password?</a></span>
  </div>
</form>
</body>
</html>
```

Output:

127.0.0.1:5000/signIn

127.0.0.1:5000/signIn

GmailYouTubeMaps



Username

Password

☒ Remember me

Cancel

Forgot [password?](#)