

Assignment Date	26 October 2022
Student Name	Paul Santhosh Kumar J
Student Roll Number	920819104026
Maximum Marks	2 Marks

### Assignment-2

#### Question -1 Create a Flask App:

```

from flask import Flask;
from flask import render_template;

app = Flask(__name__)

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

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

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

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

if __name__ == '__main__':
    app.run(debug=True)

```

#### Output:

```

* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 273-254-792
127.0.0.1 - - [15/Nov/2022 16:26:37] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [15/Nov/2022 16:26:39] "GET /static/css/cover.css HTTP/1.1" 200 -
127.0.0.1 - - [15/Nov/2022 16:26:39] "GET /static/css/bootstrap.min.css HTTP/1.1" 200 -
127.0.0.1 - - [15/Nov/2022 16:26:39] "GET /favicon.ico HTTP/1.1" 404 -

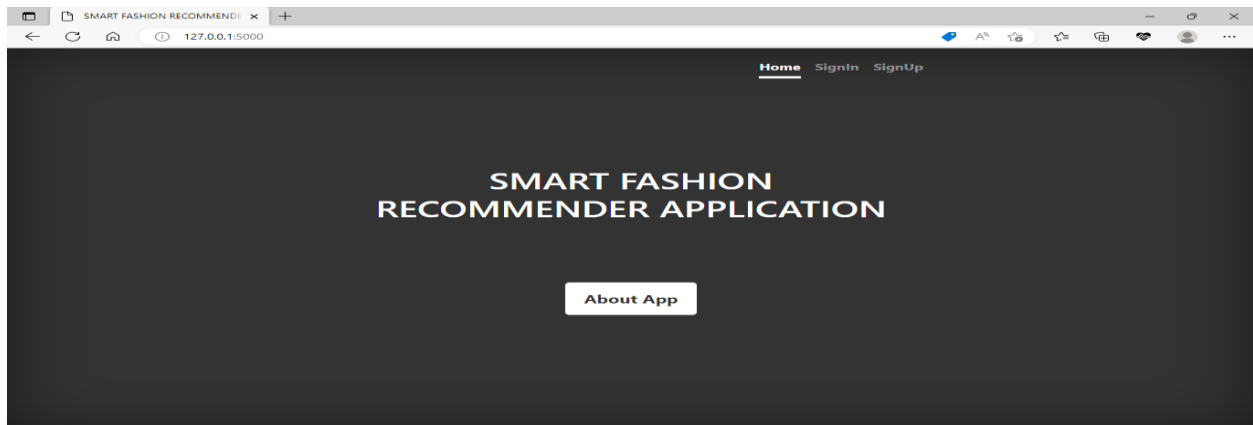
```

## 2. Add the Home page, About Page:

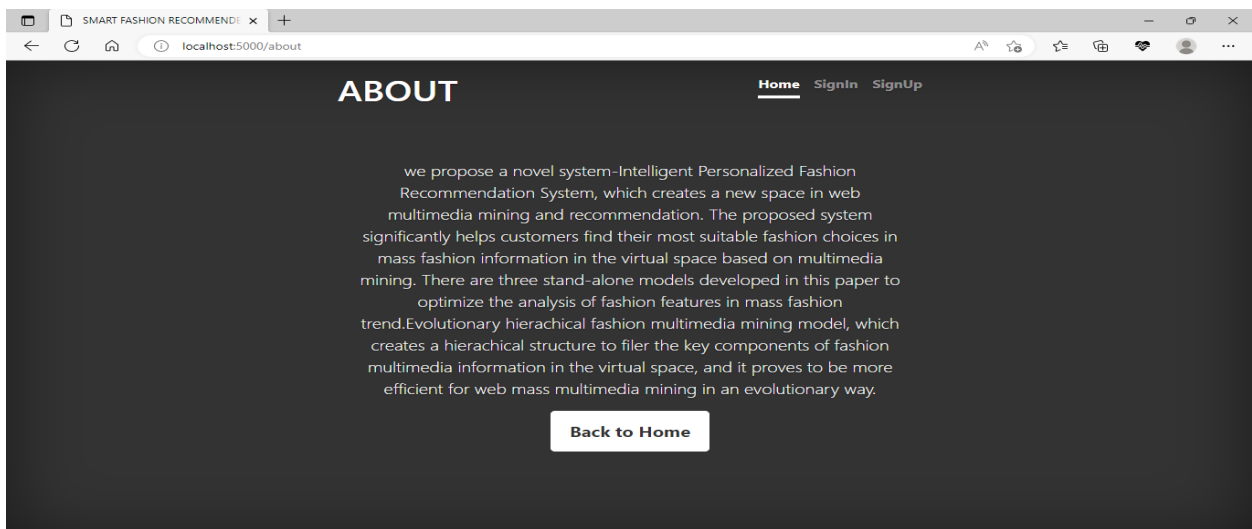
```
index.html x home.html app.py about.html
1 <!doctype html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6     <meta name="description" content="">
7     <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
8     <meta name="generator" content="Jekyll v3.8.5">
9     <title>Signin</title>
10
11     <!-- Bootstrap core CSS -->
12     <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anony
13
14
15     <style>
16       .bd-placeholder-img {
17         font-size: 1.125rem;
18         text-align: middle;
19         -webkit-user-select: none;
20         -moz-user-select: none;
21         -ms-user-select: none;
22         user-select: none;
23       }
24
25       @media (min-width: 768px) {
26         .bd-placeholder-img-lg {
27           font-size: 3.5rem;
28         }
29       }
30     </style>
31     <!-- Custom styles for this template -->
32     <link href="/static/css/signin.css" rel="stylesheet">
33     <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="ar
34     <link href="/static/css/cover.css" rel="stylesheet">
35   </head>
36   <body>
37     <div class="text-center">
38       <h1>Signin</h1>
39     </div>
40   </body>
41 </html>
```

Output:

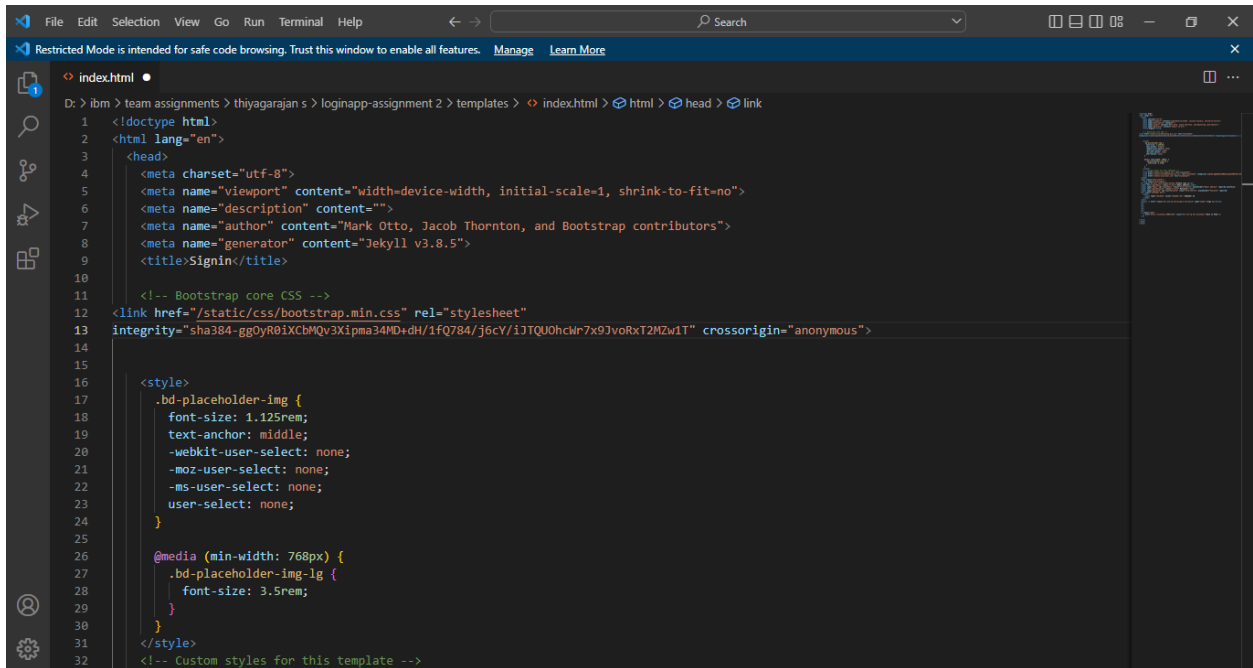
### 1. Home page:



### 2. About page:

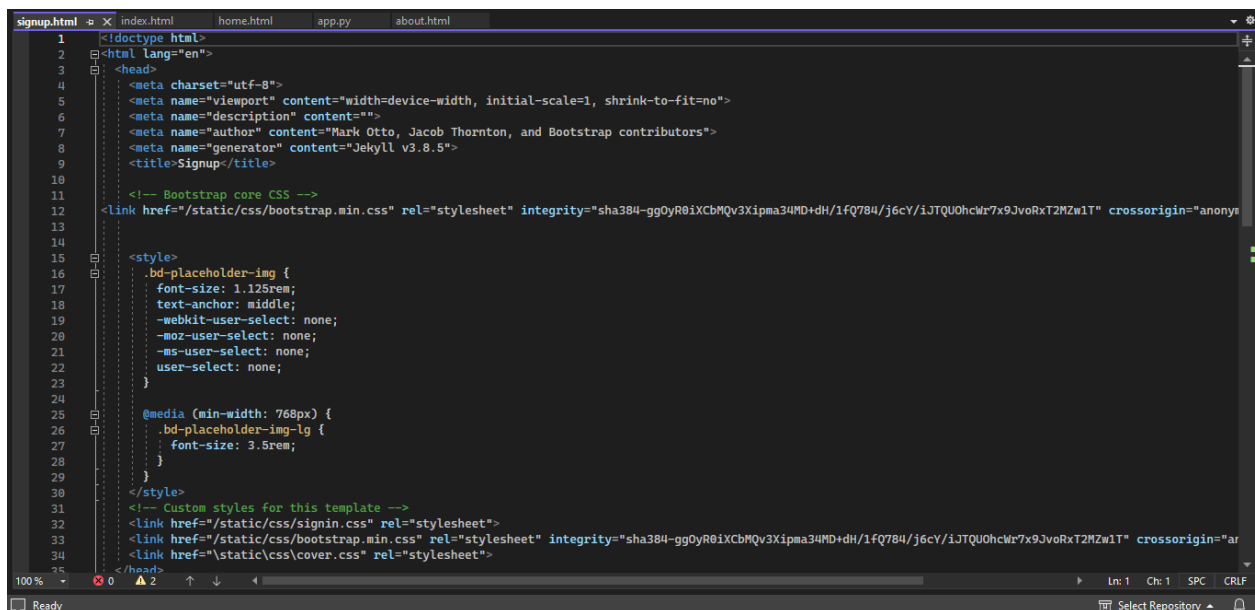


### 3. Add the Bootstrap:



```
1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6   <meta name="description" content="">
7   <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
8   <meta name="generator" content="Jekyll v3.8.5">
9   <title>SignIn</title>
10
11   <!-- Bootstrap core CSS -->
12   <link href="/static/css/bootstrap.min.css" rel="stylesheet"
13   integrity="sha384-ggOyR8iXcBMqV3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
14
15   <style>
16     .bd-placeholder-img {
17       font-size: 1.125rem;
18       text-align: middle;
19       -webkit-user-select: none;
20       -moz-user-select: none;
21       -ms-user-select: none;
22       user-select: none;
23     }
24
25     @media (min-width: 768px) {
26       .bd-placeholder-img-lg {
27         font-size: 3.5rem;
28       }
29     }
30   </style>
31   <!-- Custom styles for this template -->
```

### 4. Add the Sign in page and App the Signup Page + database connectivity:



```
1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6   <meta name="description" content="">
7   <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
8   <meta name="generator" content="Jekyll v3.8.5">
9   <title>Signup</title>
10
11   <!-- Bootstrap core CSS -->
12   <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-ggOyR8iXcBMqV3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
13
14   <style>
15     .bd-placeholder-img {
16       font-size: 1.125rem;
17       text-align: middle;
18       -webkit-user-select: none;
19       -moz-user-select: none;
20       -ms-user-select: none;
21       user-select: none;
22     }
23
24     @media (min-width: 768px) {
25       .bd-placeholder-img-lg {
26         font-size: 3.5rem;
27       }
28     }
29   </style>
30   <!-- Custom styles for this template -->
31   <link href="/static/css/signin.css" rel="stylesheet">
32   <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-ggOyR8iXcBMqV3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">
33   <link href="/static/css/cover.css" rel="stylesheet">
34 </head>
```

Output:

#### 1. Sign in page:

Signin

localhost:5000/index

Please sign in

Email address

Password

☐ Remember me

Sign in

Back to Home

## 2. Sign up page:

Signup

localhost:5000/signup

Please sign up

FirstName

LastName

Gender: ☒ Male ☐ Female

Email address

Password

☐ Remember me

Sign up

Back to Home