

Project Development Phase

Sprint -1

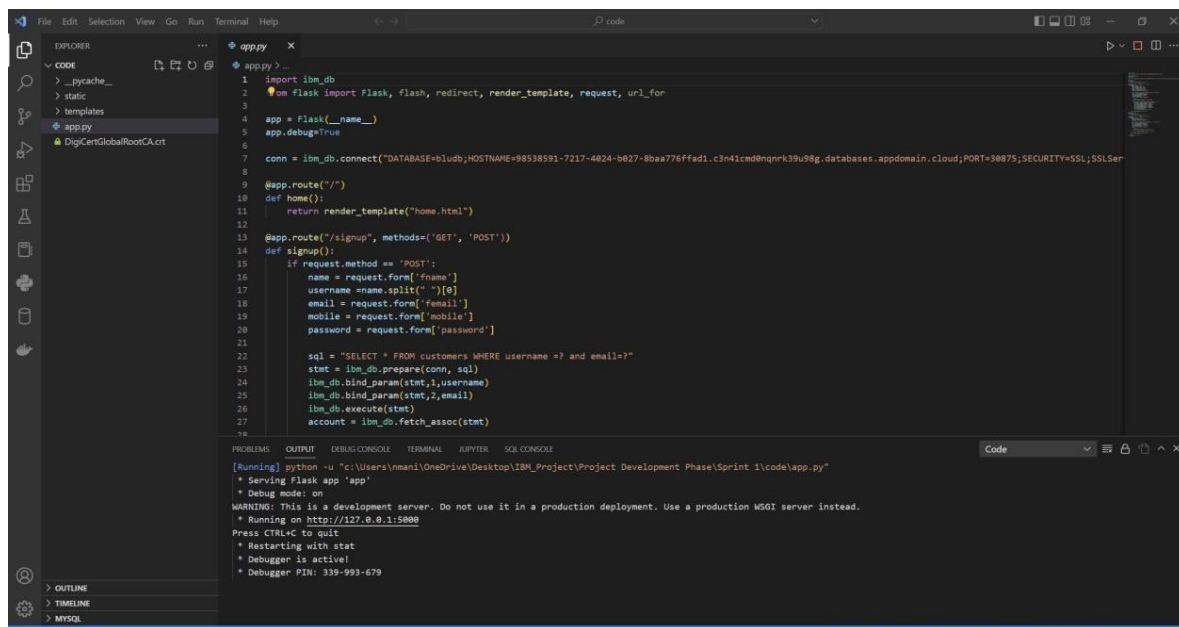
Date	12 November 2022
Team ID	PNT2022TMID29142
Project Name	Project – Personal Expense Tracker

In this Sprint, We created a home page, login page and registration page and about page.

1. In Home page, user can see the project name and some details about the project.
2. In about page, user can see the project details and features and some instructions about how to login and signup.
3. In login page, user can login using email and password if already registered, if user did not register user can use signin option to register.
4. In signup page, user can register using email, name, mobile no, and password.
5. IBM DB2 is used to store user credentials and to verify valid user is logged.

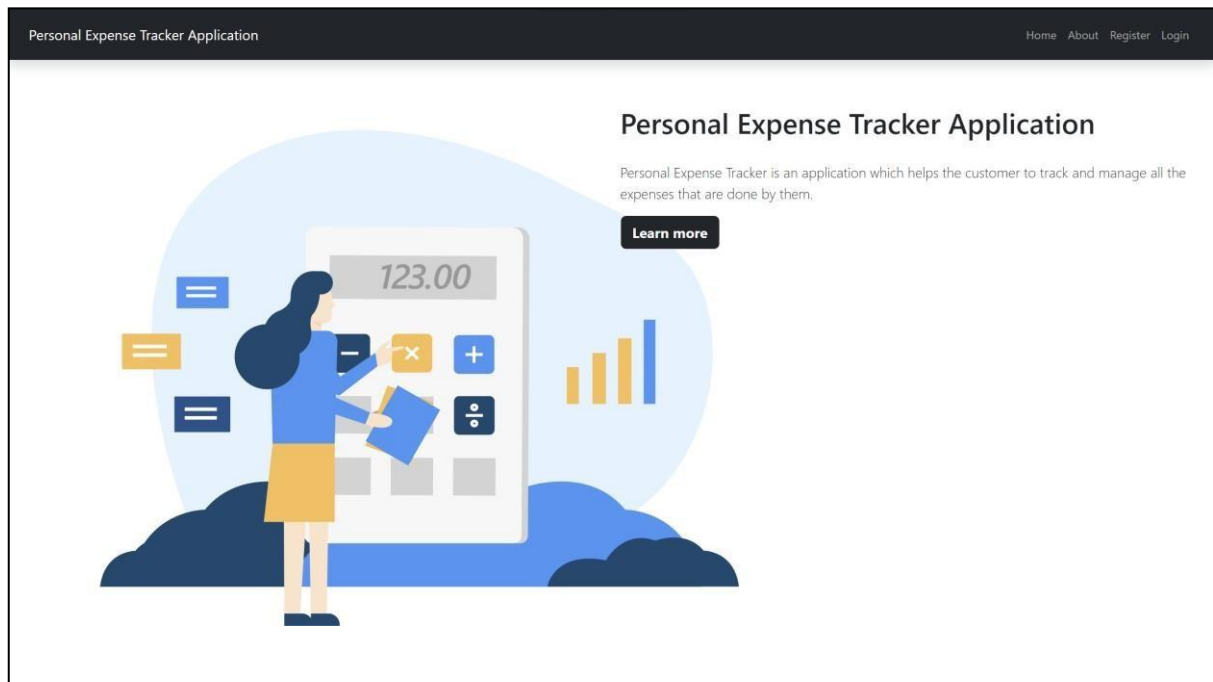
Sprint -1 Screenshots:

Running flask application:

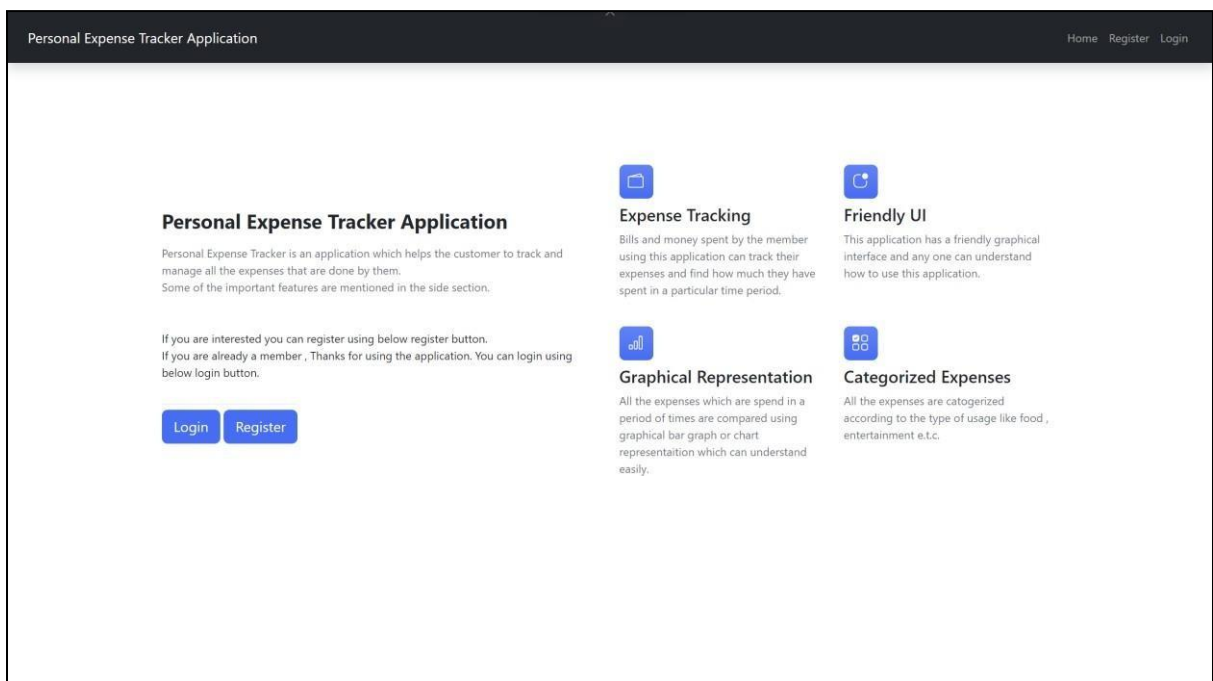


```
File Edit Selection View Go Run Terminal Help
app.py
1 import ibm_db
2 from flask import Flask, flash, redirect, render_template, request, url_for
3
4 app = Flask(__name__)
5 app.debug = True
6
7 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=98538591-7217-4024-b027-8baa776ffad1.c3n41cmd@nqrk39u98g.databases.appdomain.cloud;PORT=30875;SECURITY=SSL;SSLSe
8
9 @app.route("/")
10 def home():
11     return render_template("home.html")
12
13 @app.route("/signup", methods=['GET', 'POST'])
14 def signup():
15     if request.method == 'POST':
16         name = request.form['fname']
17         username = name.split(' ')[0]
18         email = request.form['femail']
19         mobile = request.form['fmobile']
20         password = request.form['fpassword']
21
22         sql = "SELECT * FROM customers WHERE username =? and email=?"
23         stmt = ibm_db.prepare(conn, sql)
24         ibm_db.bind_param(stmt, 1, username)
25         ibm_db.bind_param(stmt, 2, email)
26         ibm_db.execute(stmt)
27         account = ibm_db.fetch_assoc(stmt)
28
[Running] python -u "C:\Users\mman1\OneDrive\Desktop\IBM_Project\Project Development Phase\Sprint 1\code\app.py"
* 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: 339-993-679
```

Home page:



About page:



Signup page:

Personal Expense Tracker Application

Home Login

REGISTER

Please enter your details to register!

Name

Prem Kashyap

Email address

nmani3008@gmail.com


Mobile No

9502645444

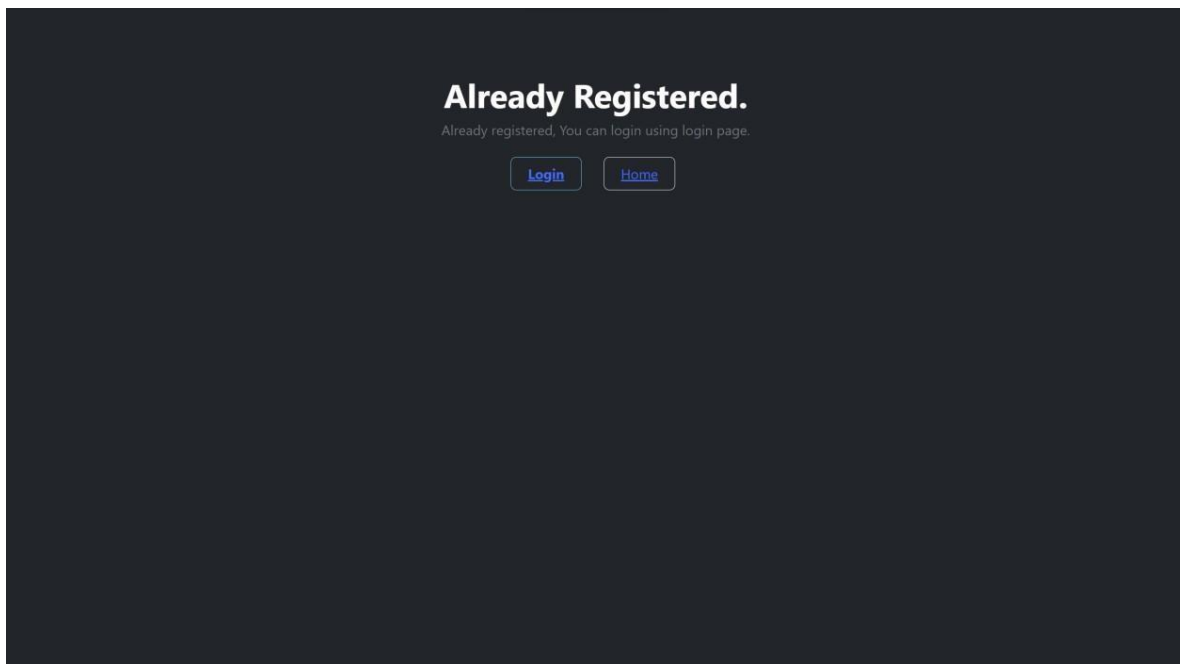
Password

Register

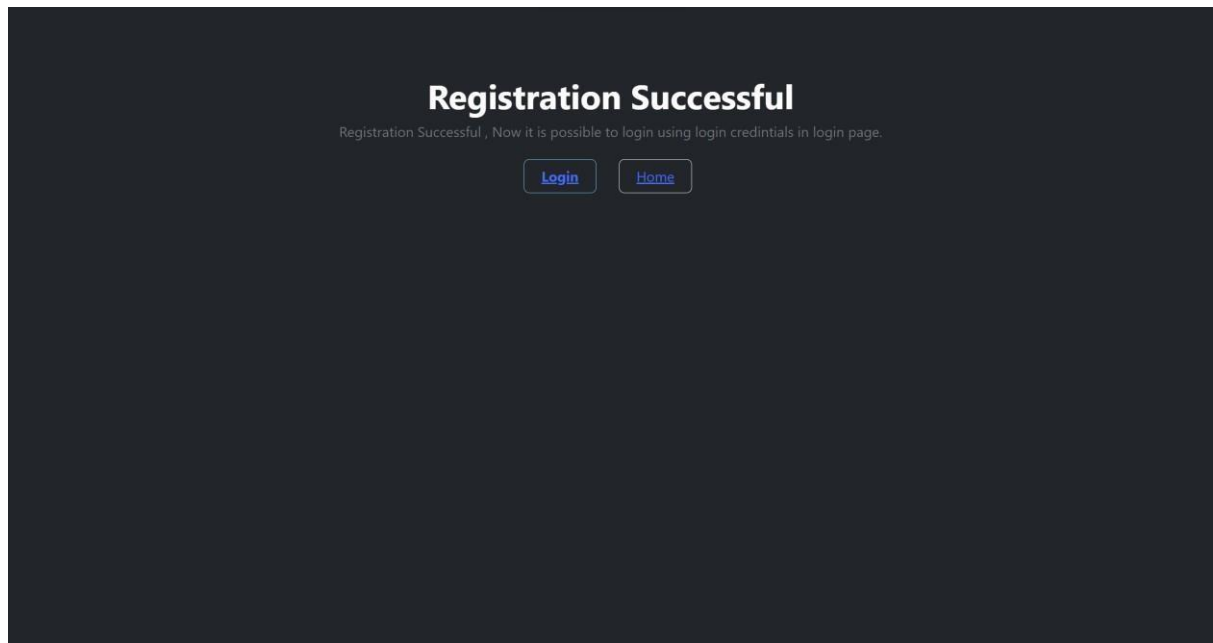
Already registered? [Login](#)



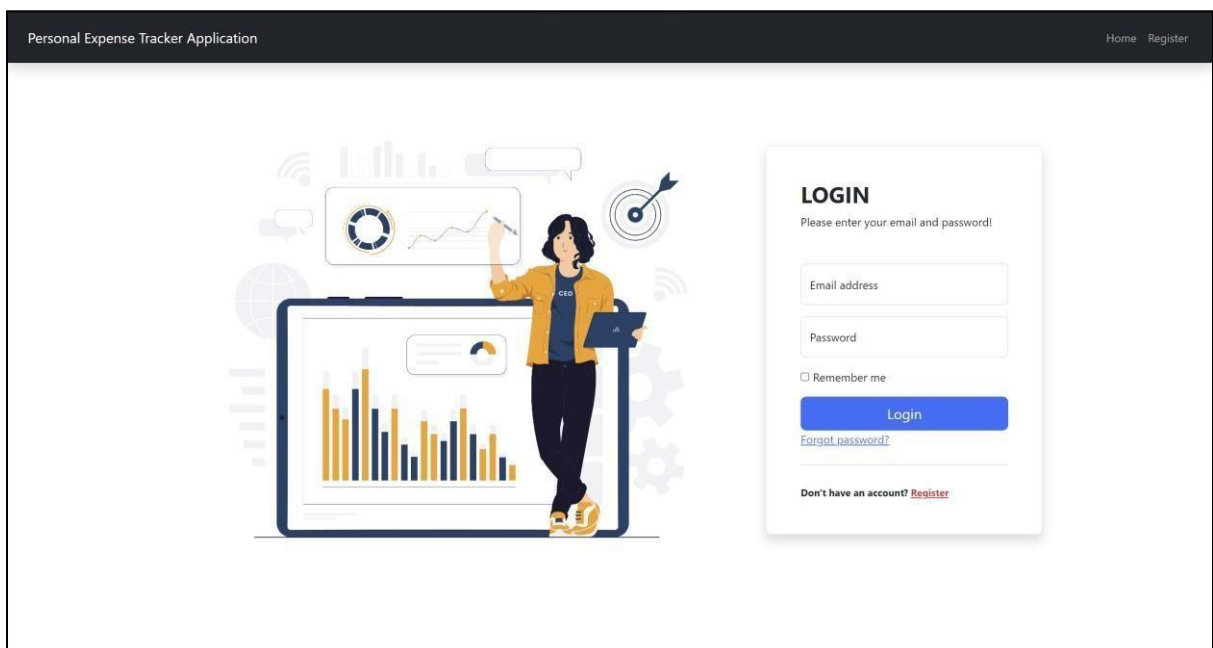
If already registered:



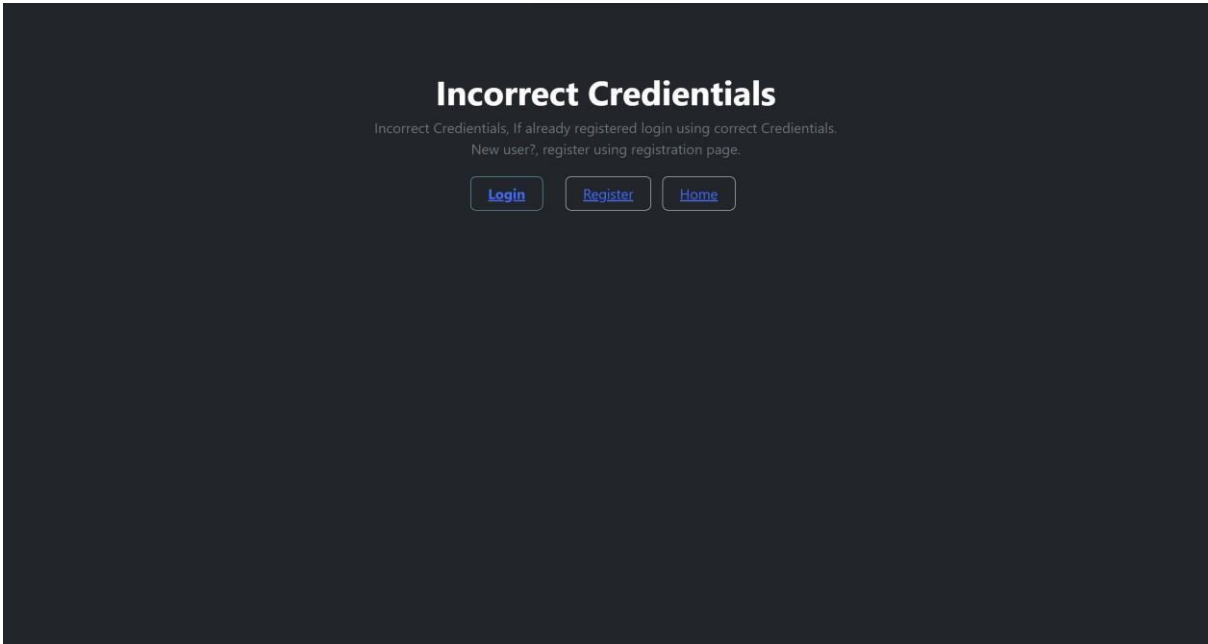
If registration successful:



Login page:



If not registered or invalid credentials:



If login successful or dashboard blueprint:

