

Project Development Phase

Sprint -1

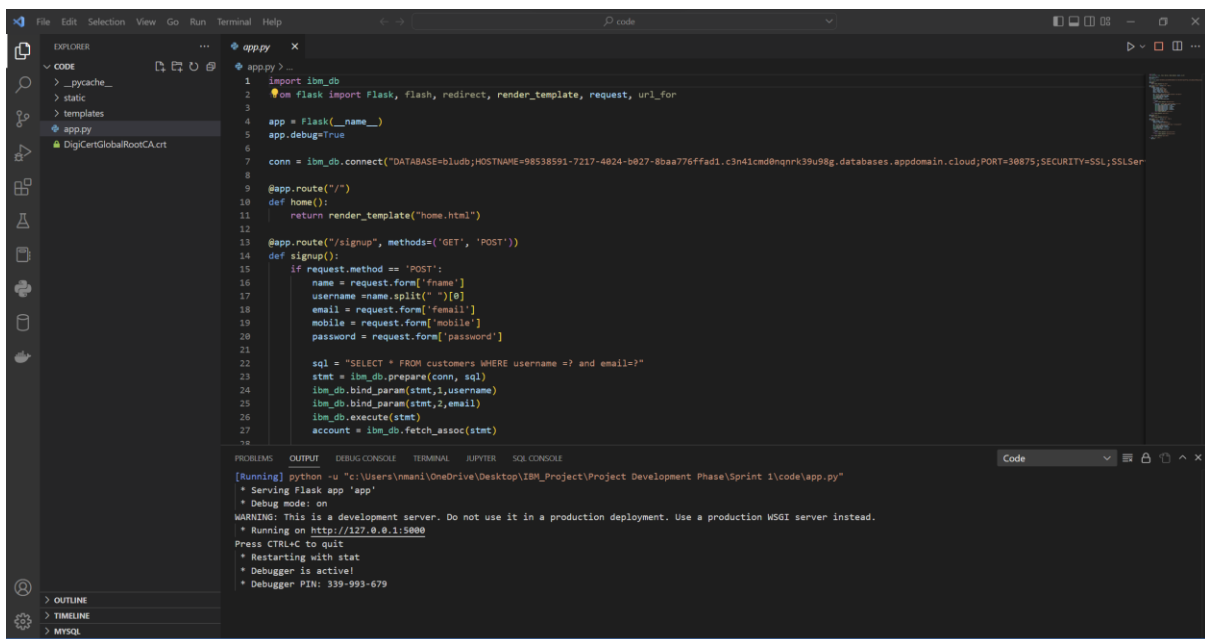
Date	12 November 2022
Team ID	PNT2022TMID03865
Project Name	Project – Personal Expense Tracker

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:



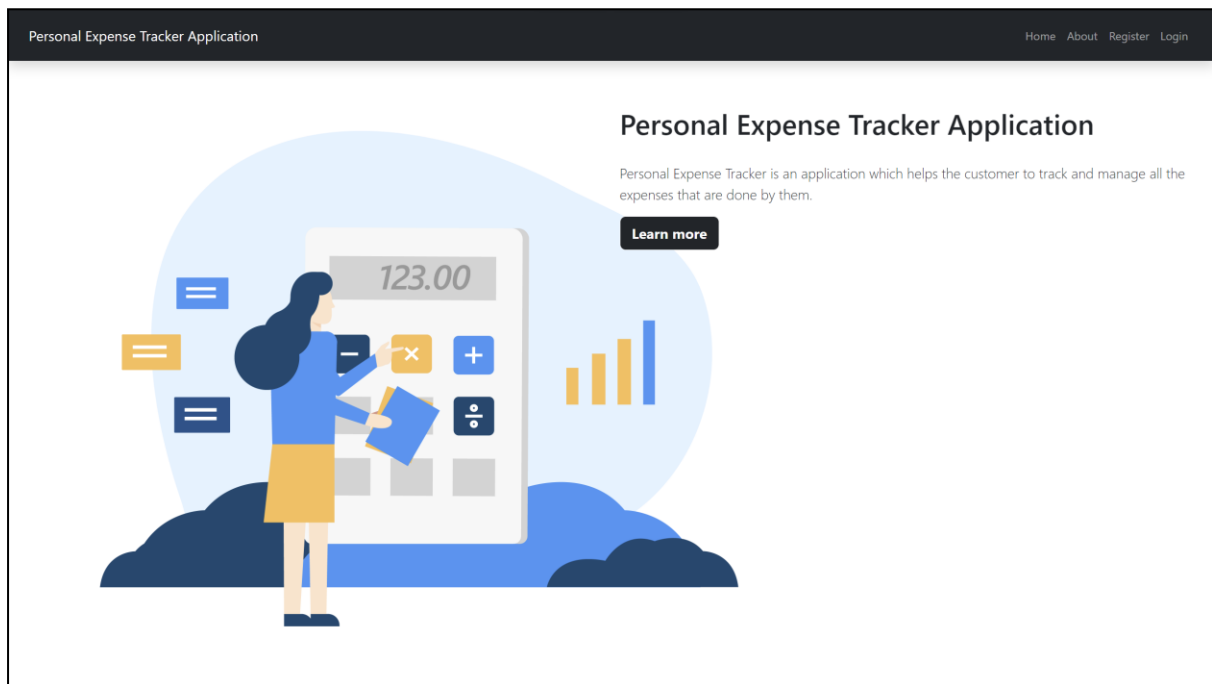
The screenshot displays a Visual Studio Code editor with a Python Flask application. The code in the editor defines a Flask app with a home route and a signup route. The home route renders a 'home.html' template. The signup route handles POST requests, validating user input (name, email, mobile, password) against a database (IBM DB2) to check for existing users. The terminal output shows the application running successfully on http://127.0.0.1:5000, with debug mode enabled and a warning to use a production server for deployment.

```
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=98538591-7217-4824-b027-80aa776ffad1.c3n41cmdmqnkr39u98g.databases.appdomain.cloud;PORT=30875;SECURITY=SSL;SSLSe"
8
9
10 @app.route("/")
11 def home():
12     return render_template("home.html")
13
14 @app.route("/signup", methods=['GET', 'POST'])
15 def signup():
16     if request.method == 'POST':
17         name = request.form['name']
18         username = name.split(" ")[0]
19         email = request.form['email']
20         mobile = request.form['mobile']
21         password = request.form['password']
22
23         sql = "SELECT * FROM customers WHERE username=? and email=?"
24         stmt = ibm_db.prepare(conn, sql)
25         ibm_db.bind_param(stmt,1,username)
26         ibm_db.bind_param(stmt,2,email)
27         ibm_db.execute(stmt)
28         account = ibm_db.fetch_assoc(stmt)
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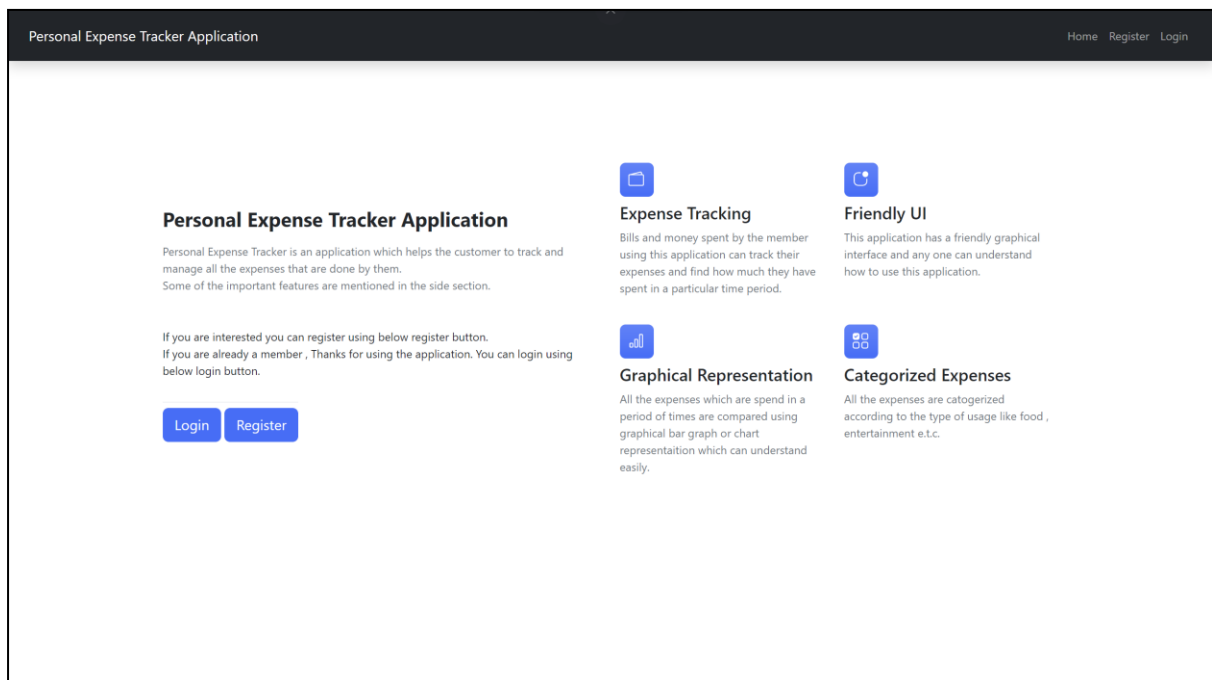
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER SQL CONSOLE Code

```
[Running] python -u "c:\Users\manish\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:

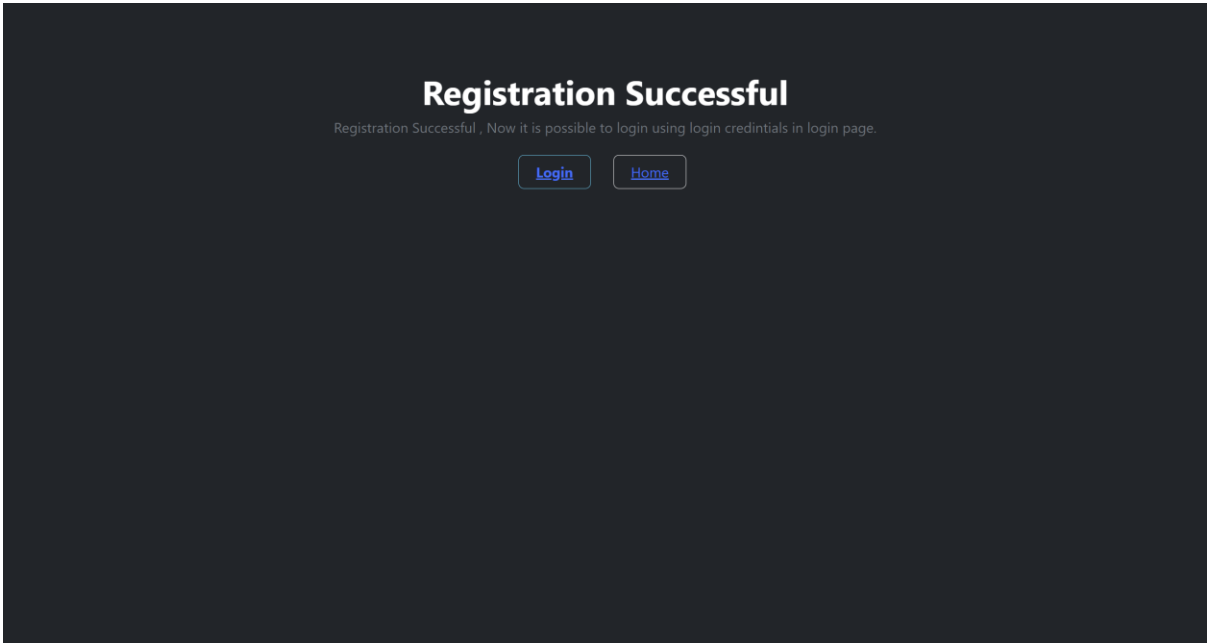
Already Registered.

Already registered, You can login using login page.

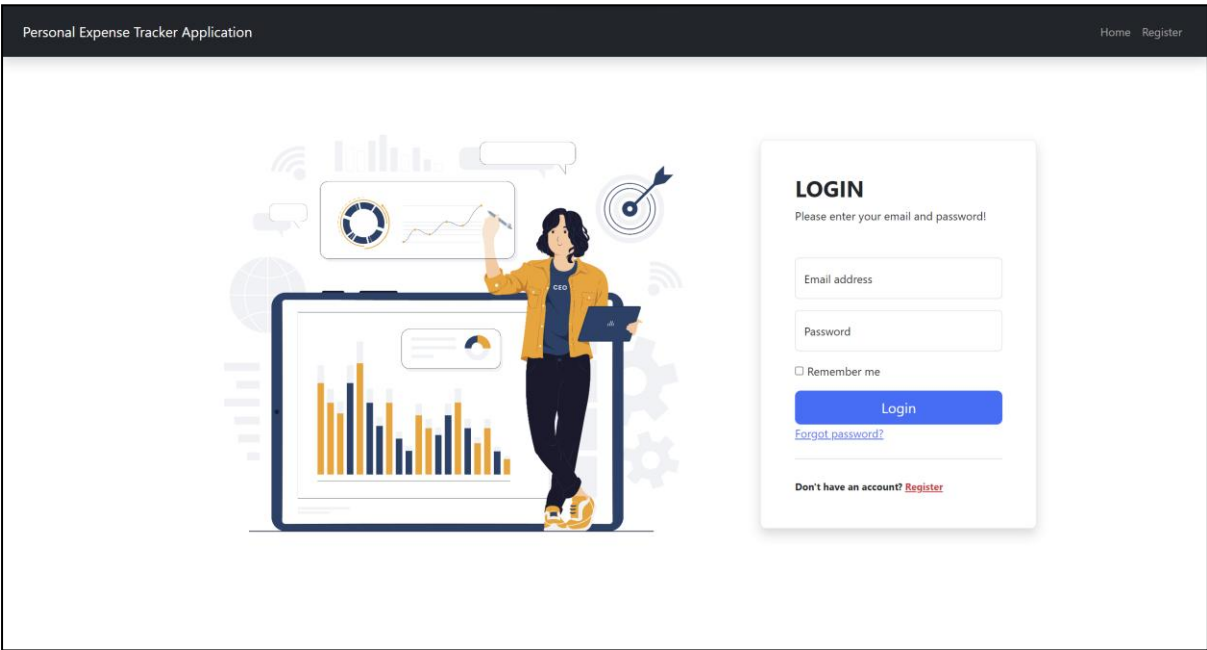
Login

Home

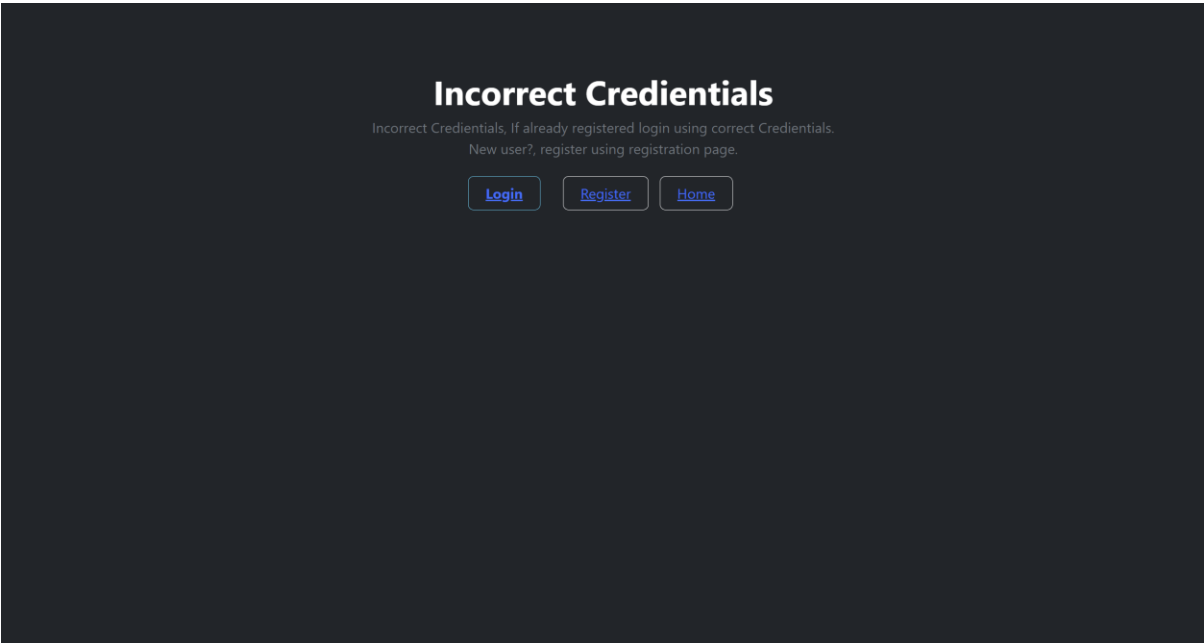
If registration successful:



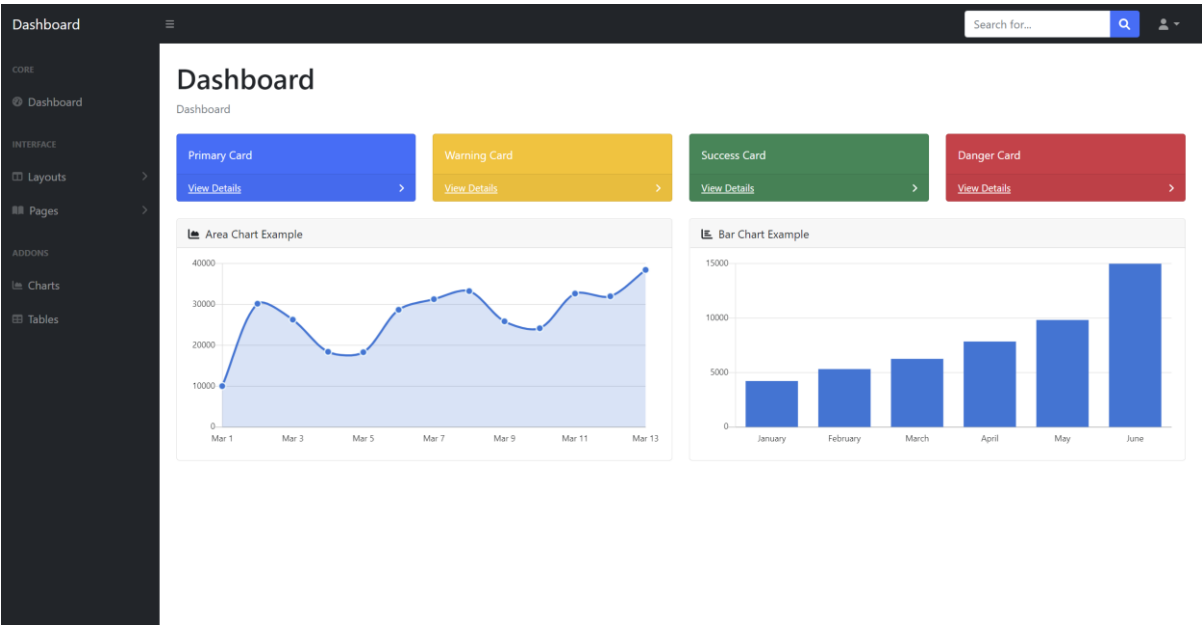
Login page:



If not registered or invalid credentials:



If login successful or dashboard blueprint:



Database (storing user credentials) :

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

SQL

HHL91628.CUSTOMERS

Back

Export to CSV

NAME	USERNAME	EMAIL	MOBILENO	PASSWORD
Jhon	Jhon	Jhon@gmail.com	9857648672	Jhon@32424
Johnff	Johnff	hello	095026	cgtj
Johnff	Johnff	hello@sgaasdf	095026	sdafsf
Johnff	Johnff	hello@sga	095026	sdfa
Johnfffasd	Johnfffasd	hello@sgaasdfsdf	095026	sdfg
Prem Kashyap	Prem	iamprem@gmail.com	8789806965	Prem@3456
Prem Kashyap	Prem	nmani3008@gmail.com	0985764867	1234
Sai	Sai	Sai@gmail.com	0985764867	sai@123
Wick	Wick	wick2@gmail.com	0985764867	wick@123
ghfsd	ghfsd	dfgs	dsgfd	dsgf
hellofsa	hellofsa	sfdasf	sadfasf	asfdasf
sai	sai	sai231@gmail.com	8888888888	Nmani@425637