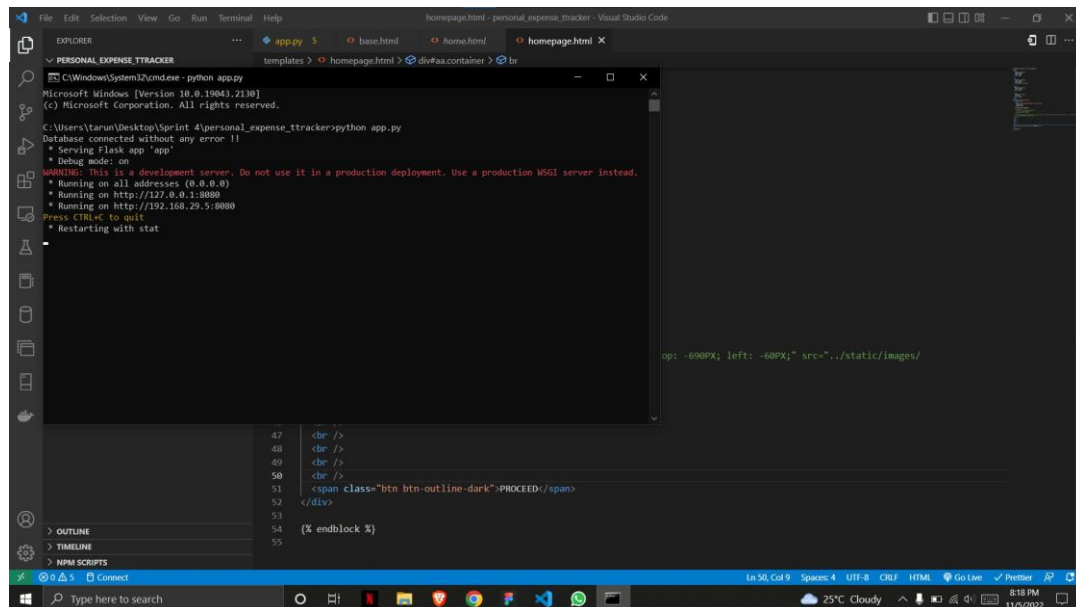


Implementing web application

| | |
|--------------|---|
| Team ID | PNT2022TMID00713 |
| Project Name | Personal Expense Tracker Application |
| Team Members | Rahul S, Rokesh A, Sai Kumar M, Tarun V |

Screenshots

1. Running the flask



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the output of running a Flask application. The output includes a warning about using a development server, the addresses the app is running on (0.0.0.0 and 127.0.0.1), and the port (5000). The application is serving a Flask app named 'app'. The code editor shows the HTML template for the homepage, which includes a button labeled 'PROCEED'.

```
File Edit Selection View Go Run Terminal Help
PERSONAL_EXPENSE_TRACKER
C:\Windows\System32\cmd.exe - python app.py
Microsoft Windows [Version 10.0.19041.2130]
(c) Microsoft Corporation. All rights reserved.

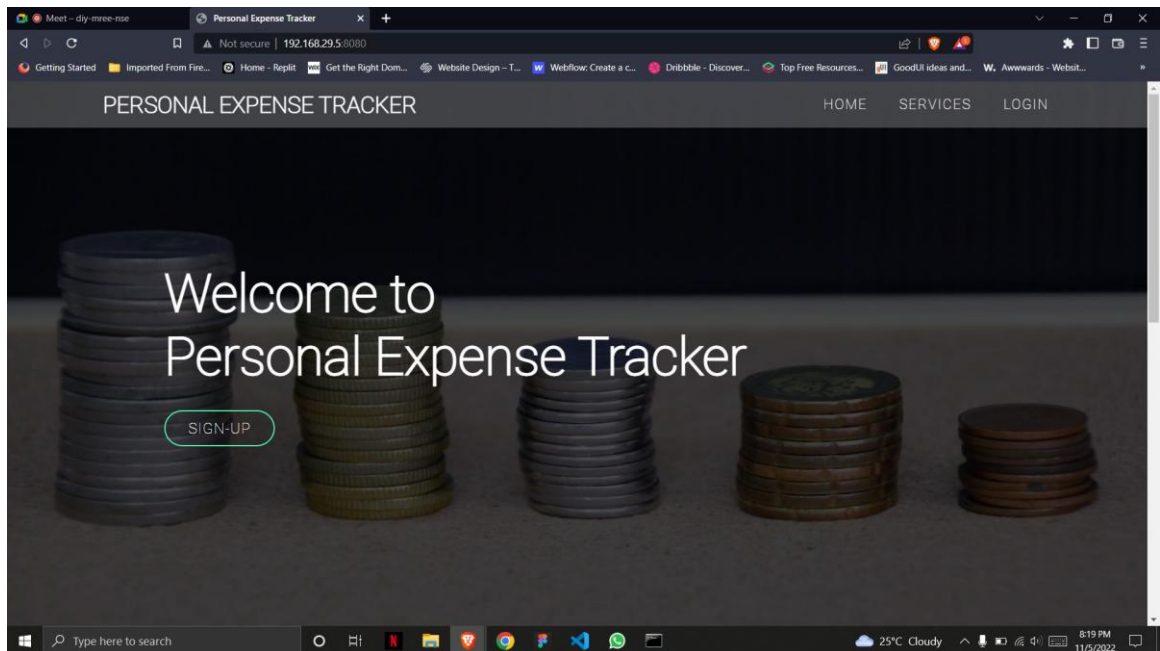
C:\Users\tarun\Desktop\Sprint 4\personal_expense_tracker>python app.py
Database connected without any error !!
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://192.168.29.5:5000
Press CTRL+C to quit
* Restarting with stat

op: -690Px; left: -68Px;" src="../../static/images/

47 <br />
48 <br />
49 <br />
50 <br />
51 <span class="btn btn-outline-dark">PROCEED</span>
52 </div>
53
54 (% endblock %)
55
```

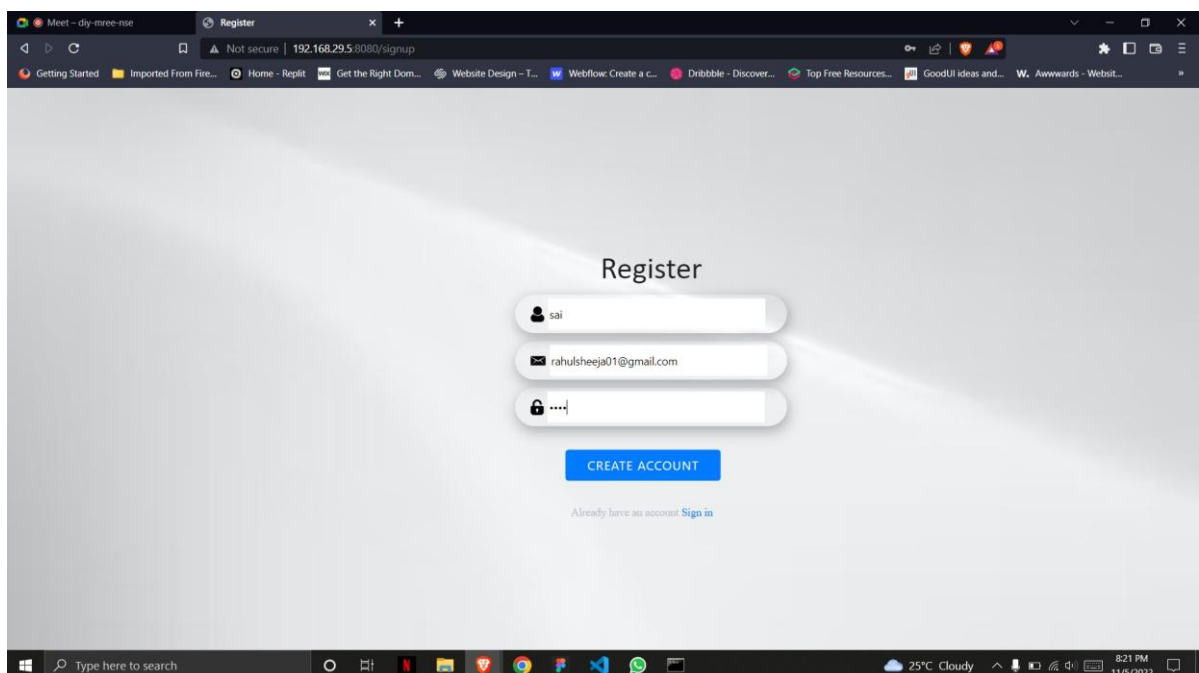
2.Home Page

This home page contains the login, signup and services provided options.



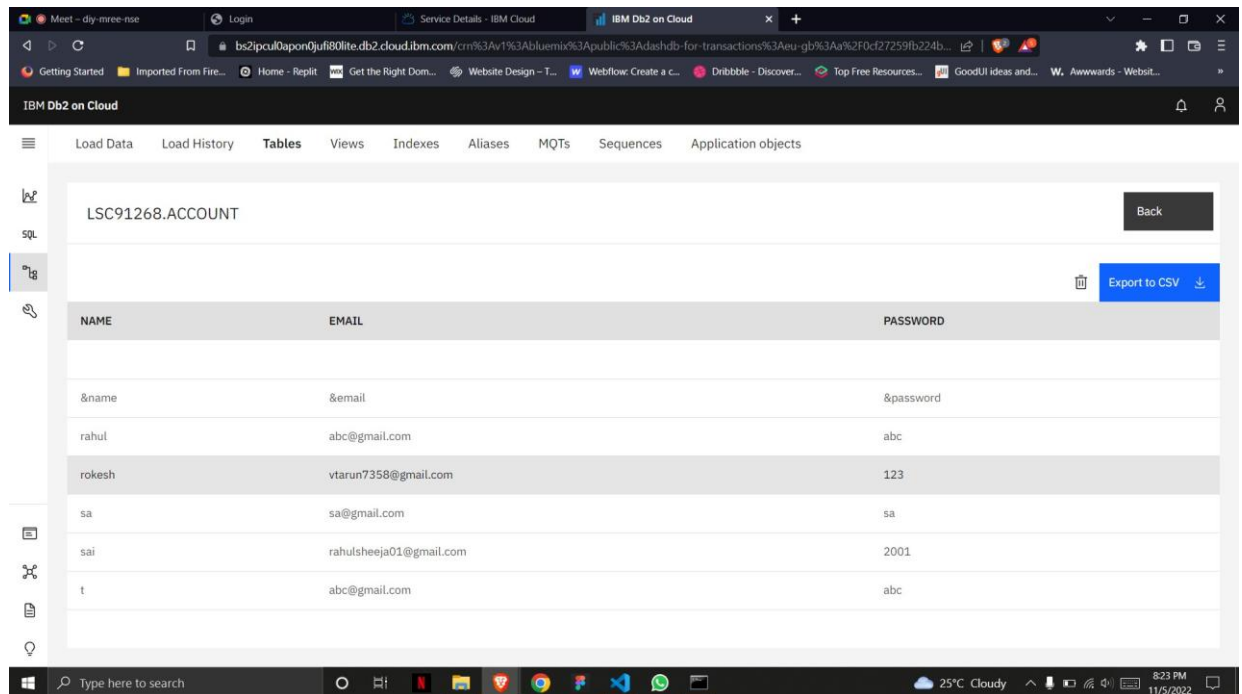
3.Registration page

In this Registration page, the user can create an account using the username, email and password.



4.Storing the data in IBM DB2 Cloud

When the new user registers into the application, the users data gets stored in the IBM DB2 Cloud.



The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, and the table 'LSC91268.ACCOUNT' is displayed. The table has three columns: 'NAME', 'EMAIL', and 'PASSWORD'. The data rows are as follows:

| NAME | EMAIL | PASSWORD |
|-------|-------------------------|-----------|
| &name | &email | &password |
| rahul | abc@gmail.com | abc |
| rokes | vtarun7358@gmail.com | 123 |
| sa | sa@gmail.com | sa |
| sai | rahulsheeja01@gmail.com | 2001 |
| t | abc@gmail.com | abc |

The interface also includes a 'Back' button, an 'Export to CSV' button, and a search bar at the bottom.

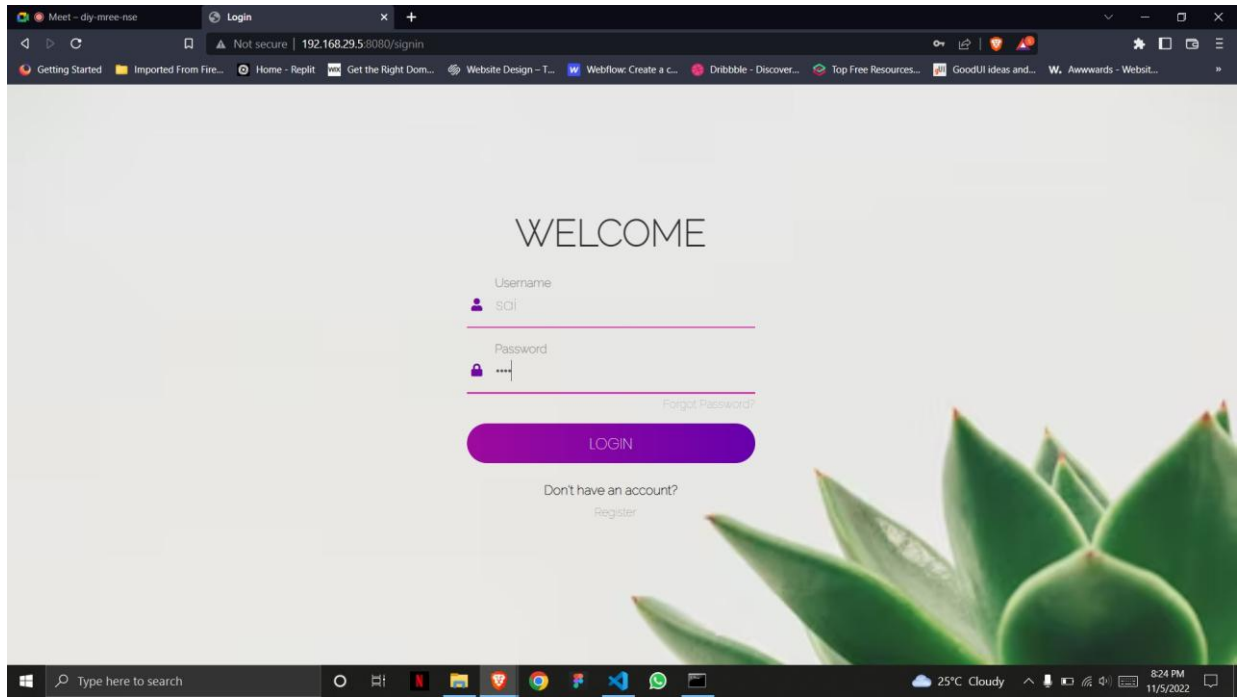
try:

```
mysql = DB2(app)
conn_str='database=bludb;hostname=2d46b6b4-cbf6-40eb-bbce-
6251e6ba0300.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;port=32328;protocol=t
cpip;\
uid=lsc91268;pwd=dIWyz6qJK3v27xP6;security=SSL'
ibm_db_conn = ibm_db.connect(conn_str,"")

print("Database connected without any error !!")
except:
print("IBM DB Connection error : " + DB2.conn_errormsg())
```

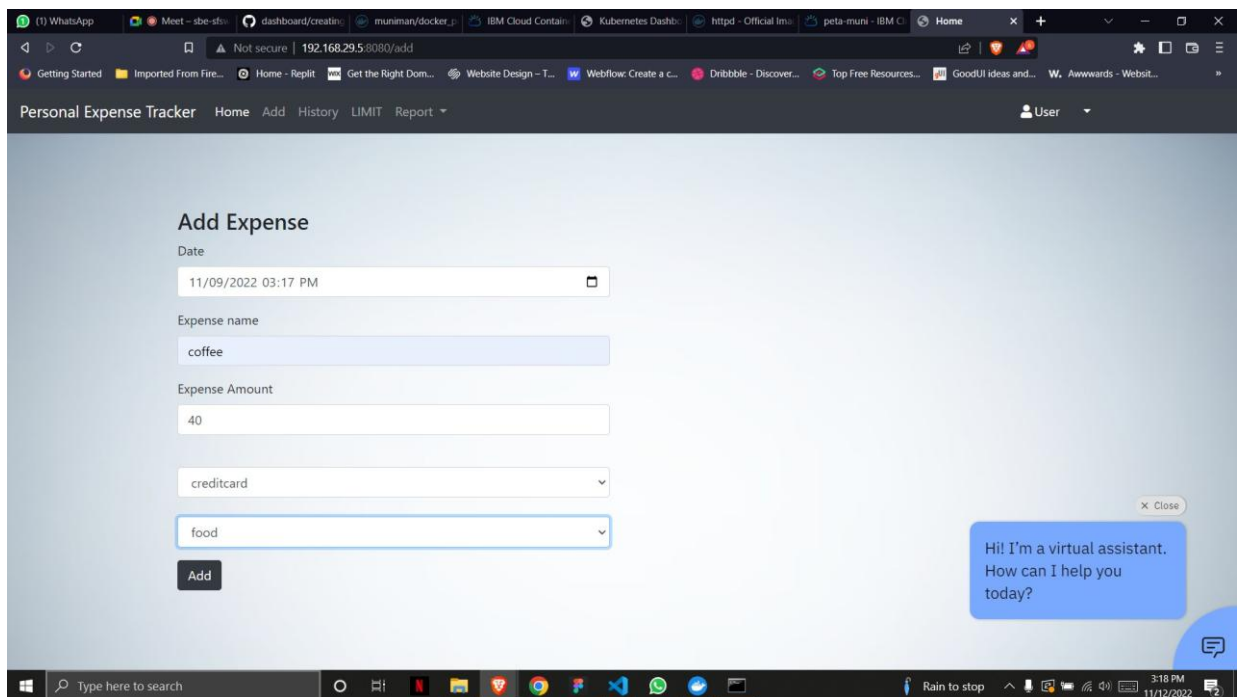
5.Login page

In this Login page, the user login into the application using the username and password.



6.Adding Expenses

Here the users can add their expenses.



7.Wallet Page

Here the user can see all the history of the added expenses

