

Project Development Phase

Sprint -1

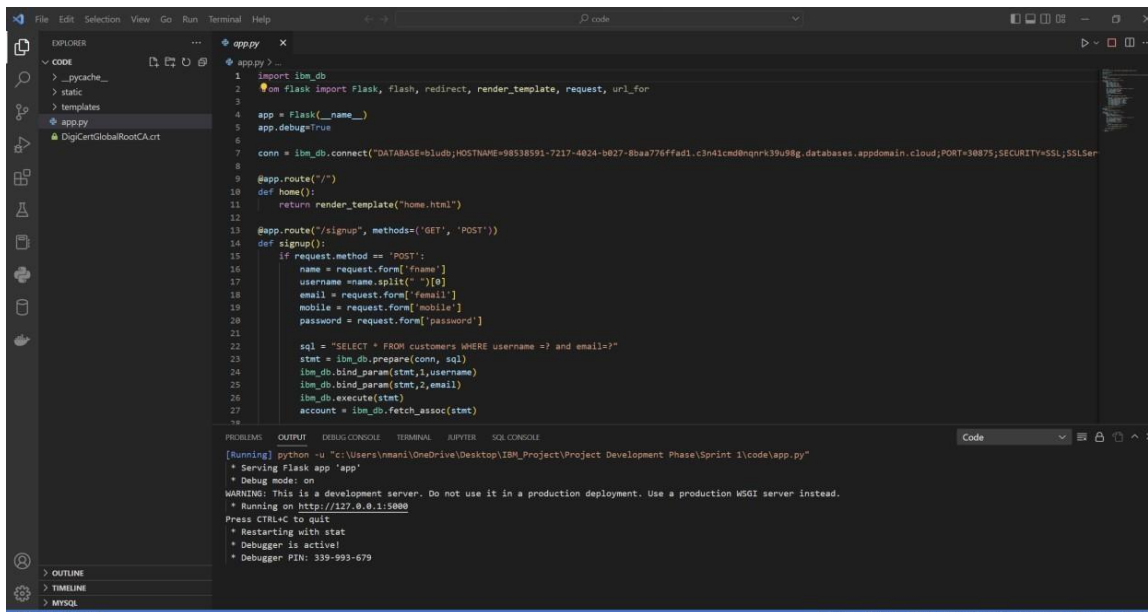
Date	12 November 2022
Team ID	PNT2022TMID47204
Project Name	Project – Personal Expense Tracker

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.

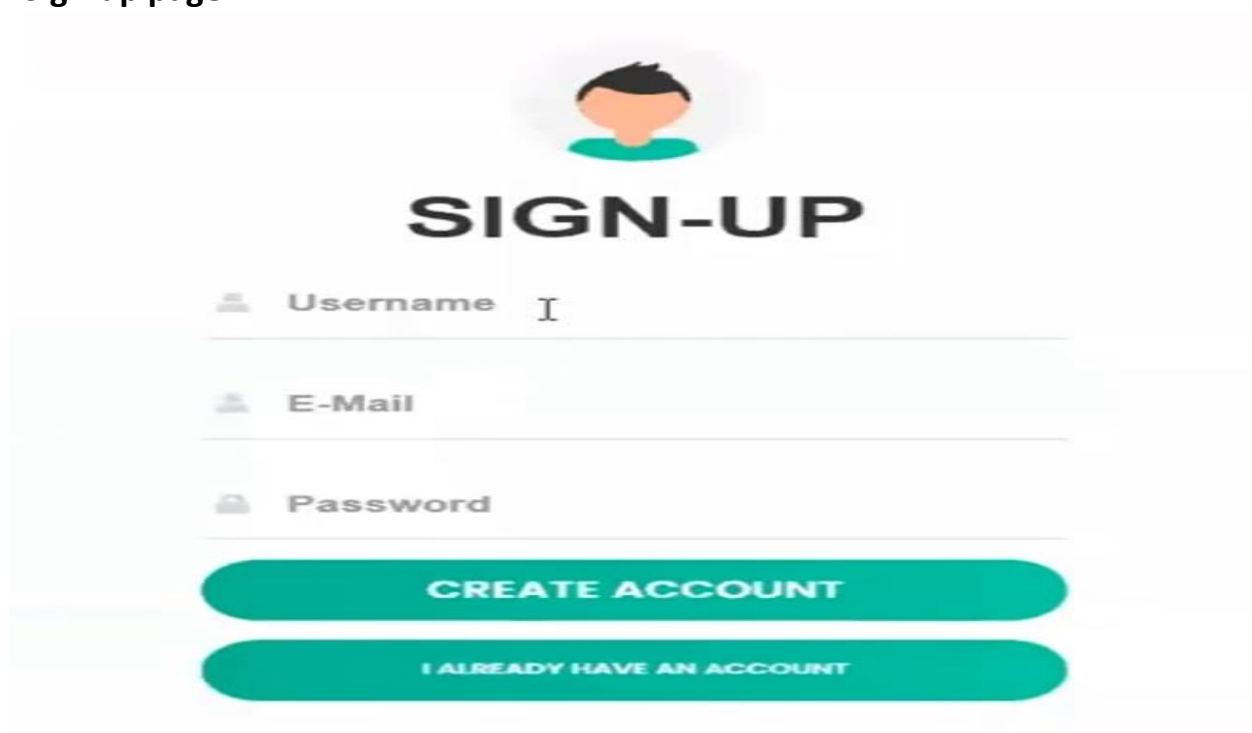
Sprint -1 Screenshots:

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.c3d4icadmqnrx39u98g.databases.apddomain.cloud;PORT=30875;SECURITY=SSL;SSLSer
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['password']
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\manan\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
```


Sign-up page:





A sign-up page UI mockup. At the top center is a circular profile icon placeholder with a stylized person's head and shoulders. Below the icon is the text "SIGN-UP" in a large, bold, black sans-serif font. Underneath are three input fields, each with a small person icon on the left and a label: "Username", "E-Mail", and "Password". The "Username" field has a cursor at the end. Below the input fields are two teal-colored buttons with white text. The top button says "CREATE ACCOUNT" and the bottom button says "I ALREADY HAVE AN ACCOUNT".



SIGN-UP

 Username

 E-Mail

 Password

CREATE ACCOUNT

I ALREADY HAVE AN ACCOUNT


Add Expenditure page:



An "Add Expenditure" page UI mockup. The title "Add Expense" is at the top left. Below it are several form fields: a "Date" field with a placeholder "dd-mm-yyyy" and a calendar icon; a "Time" field with a placeholder "--:--" and a clock icon; an "Expense name" text field; an "Expense Amount" text field; a "Pay-Mode" dropdown menu; and a "Category" dropdown menu. At the bottom left is a red "Add" button.

Add Expense

Date


dd-mm-yyyy 

Time

--:-- 

Expense name

Expense Amount

Pay-Mode 

Category 

Add

Edit Expenditure page:

Edit Expense

Date

Time

Expense name

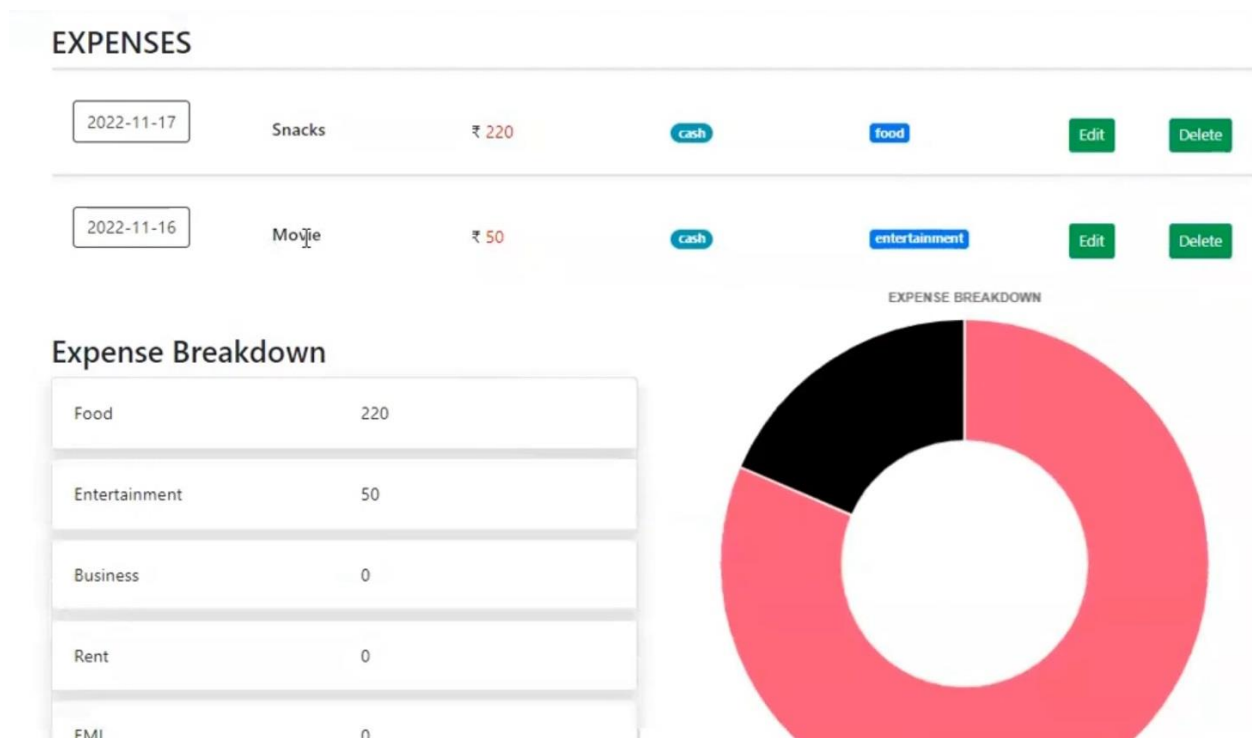
Expense Amount

creditcard

rent

Update

Expenditure history:



Limit:

Currently your MONTHLY limit is ₹ (300,)

ENTER the MONTHLY LIMIT to avoid over EXPENSES

ENTER

Today expenses:

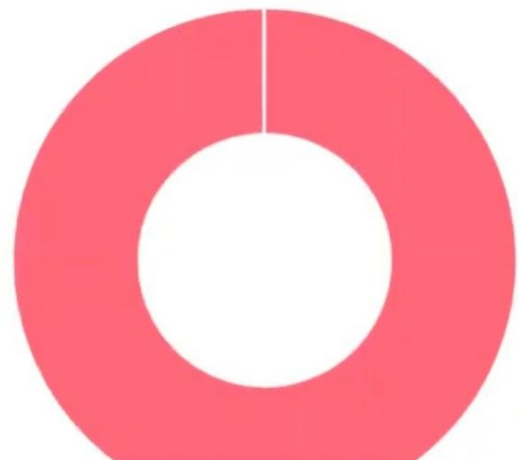
Today Expense Breakdown

TIME	AMOUNT
20:37:00	220

Expense Breakdown BY Category

Food	220
Entertainment	0
Business	0
Rent	0
EMI	0

EXPENSE BREAKDOWN



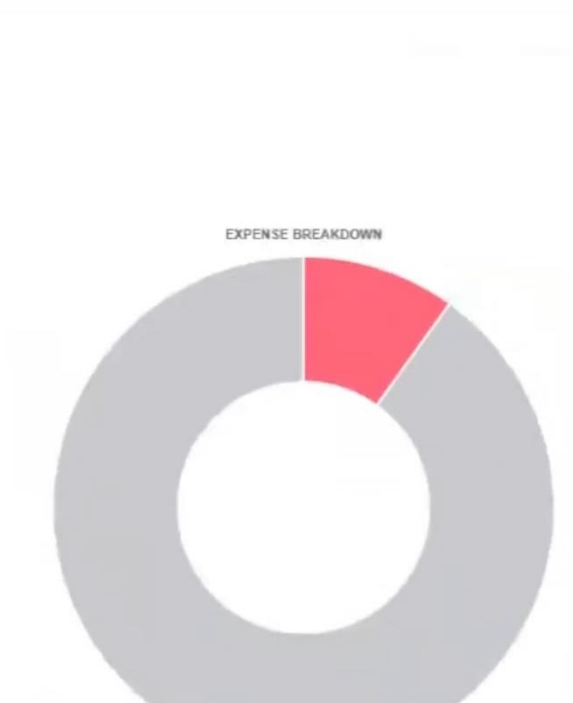
Month expenses :

MONTH Expense Breakdown

MONTH	AMOUNT
November	2220

Expense Breakdown BY Category: CURRENT MONTH

Food	220
Entertainment	0
Business	0
Rent	2000



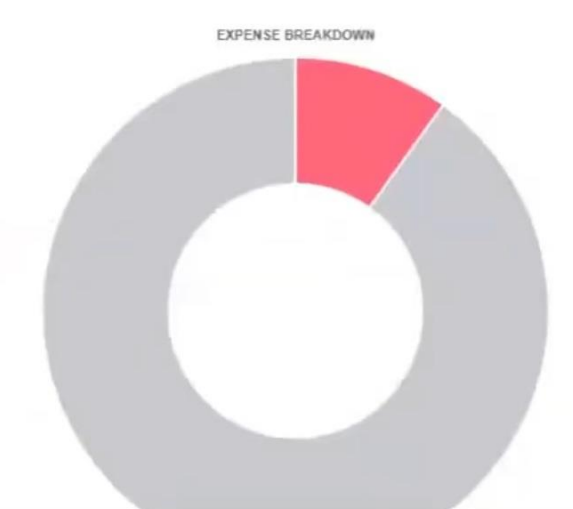
Year expenses:

YEAR Expense Breakdown

YEAR	AMOUNT
2022	2220

Expense Breakdown BY Category: CURRENT YEAR

Food	220
Entertainment	0
Business	0
Rent	2000



Database (storing user credentials) :

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

HHL91628.CUSTOMERSBack

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	dfigs	dsgfd	dsgf
hellofsa	hellofsa	stdasf	sadfasf	astdasf
sai	sai	sai231@gmail.com	8888888888	Nmani@425637