

**A PROJECT REPORT ON
PERSONAL EXPENSE TRACKER APPLICATION**

**NALAIYATHIRAN PROJECT BASED LEARNING ON PROFESSIONAL
READINESS FOR INNOVATION, EMPLOYING AND ENTREPRENEURSHIP**

DOMAIN: CLOUD APP DEVELOPMENT

TEAM ID: PNT2022TMID01338

SUBMITTED BY

Mahalakshmi L(211419205103)

Department of Information Technology
Panimalar Engineering College

Nirmala G (211419205118)

Department of Information Technology
Panimalar Engineering College

Lokhitha D(211419205101)

Department of Information Technology
Panimalar Engineering College

Durga V(211419205303)

Department of Information Technology Panimalar
Engineering College

PROJECT REPORT FORMAT

1. INTRODUCTION

- 1.1 Project Overview
- 1.2 Purpose

2. LITERATURE SURVEY

- 2.1 Existing problem
- 2.2 References
- 2.3 Problem Statement Definition

3. IDEATION & PROPOSED SOLUTION

- 3.1 Empathy Map Canvas
- 3.2 Ideation & Brainstorming
- 3.3 Proposed Solution
- 3.4 Problem Solution fit

4. REQUIREMENT ANALYSIS

- 4.1 Functional requirement
- 4.2 Non-Functional requirements

5. PROJECT DESIGN

- 5.1 Data Flow Diagrams
- 5.2 Solution & Technical Architecture
- 5.3 User Stories

6. PROJECT PLANNING & SCHEDULING

- 6.1 Sprint Planning & Estimation
- 6.2 Sprint Delivery Schedule
- 6.3 Reports from JIRA

7. CODING & SOLUTIONING (Explain the features added in the project along with code)

- 7.1 Feature 1
- 7.2 Feature 2
- 7.3 Database Schema (if Applicable)

8. TESTING

- 8.1 Test Cases
- 8.2 User Acceptance Testing

9. RESULTS

- 9.1 Performance Metrics

10. ADVANTAGES & DISADVANTAGES 11. CONCLUSION 12. FUTURE SCOPE 13. APPENDIX

- Source Code
- GitHub & Project Demo Link

1. INTRODUCTION

1.1 PROJECT OVERVIEW

Tracking your spending is often the first step in getting your finances in order. By understanding what you spend money on and how much you spend, you can see exactly where your cash is going and areas where you can cut back.

It's easy to make this part of your everyday routine thanks to expense tracker apps that help you manage your money on the go. These apps certainly overlap with budgeting apps, but while the latter provides a big-picture view of your finances, expense tracker apps put more of an emphasis on your spending. These apps usually categorize your expenses and help you get a good idea of your purchasing behavior.

Whether you want an expense tracker app that easily captures all your transaction data, one that automates the expense reporting process at your job or one that holds you accountable by requiring you to manually input each one of your transactions, there's an app out there for you.

In this application, user can provide his income to calculate his total expenses per day and these results will be stored for each user. By using software for managing expense tracking will help to control unnecessary expenses. There are several benefits and advantages of using online expense trackers, expense tracking makes any organization run faster and smoother.

1.2 PURPOSE

An expense tracker is a software or application that helps to keep an accurate record of your money inflow and outflow. Many people in India live on a fixed income, and they find that towards the end of the month they don't have sufficient money to meet their needs.

Developing a financial plan is important to your success. Regardless of your income, financial planning works. We are in such an era today, that our most of the work has been shifted to computer; we are surrounded by the computer system which has harmed our memory. We feel hard to jot down every expense we do every day, due to lack of time and we used to forget the expenses made during the day.

We used to forget whom we have to give money and how much as well as from whom we have to get. For this scenario this system is very much helpful to the user as you can write down the name and money at the same time. There is no need to memorize everything basically cost related tasks and expenses made during the course as this system provides you with all these facilities.

2. LITERATURE SURVEY

2.1 EXISTING PROBLEM

As almost all users are connected with each other with mobile, the trend to save small pieces of data into mobile in logs, notes, reminders has increased. So users need a system which will make automatic calculation based on their expenses. It's not so that there does not exist any system for the same but there are some problems which are listed below. There is lack of research and functionalities in the current system as well

You may be doing well in most fields of your budget, but there would be that one stubborn category that pulls you down every month. For some it may be shopping and for others it may be dining out. You have tried all you can, but haven't been able to tame your spending in this category.

A lot of people face is that they experience periods of financial famines and windfalls, depending on what time of the month they get paid. For instance, in Prague, where BudgetBakers is based, the payday usually falls in the middle of the month. And, all the bills are scheduled towards the end of the month. So it is common that once you get paid and pay off your bills, a chunk of your pay vanishes in the first two weeks. In the next two weeks, it then becomes a battle for survival, when you struggle to even cover for your groceries. The only apparent solution to this then feels like the arrival of your paycheck.

Now, what if, unlike in Prague, you're paid every week? Or twice a month? Then you'll find yourself experiencing a completely opposite problem. You may not find enough money to pay off your bills in the beginning and be left with enough and more money towards the end of the month.

Some people find that they are great budgeters if they're on their own, but end up being controlling and resentful once they bring in their partner to the equation. Budgeting as a couple is not the same as budgeting on your own, because here communication plays an important role. When you start managing money with your significant other, you may end up fighting about expenses because there is a lack of clarity between the two of you.

You may have done everything right, but you find that you aren't able to push your expenses down below your income level. Month after month, you are repeatedly finding it harder to cover your bills or limit your expenses.

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2.3 PROBLEM STATEMENT DEFINITION

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service

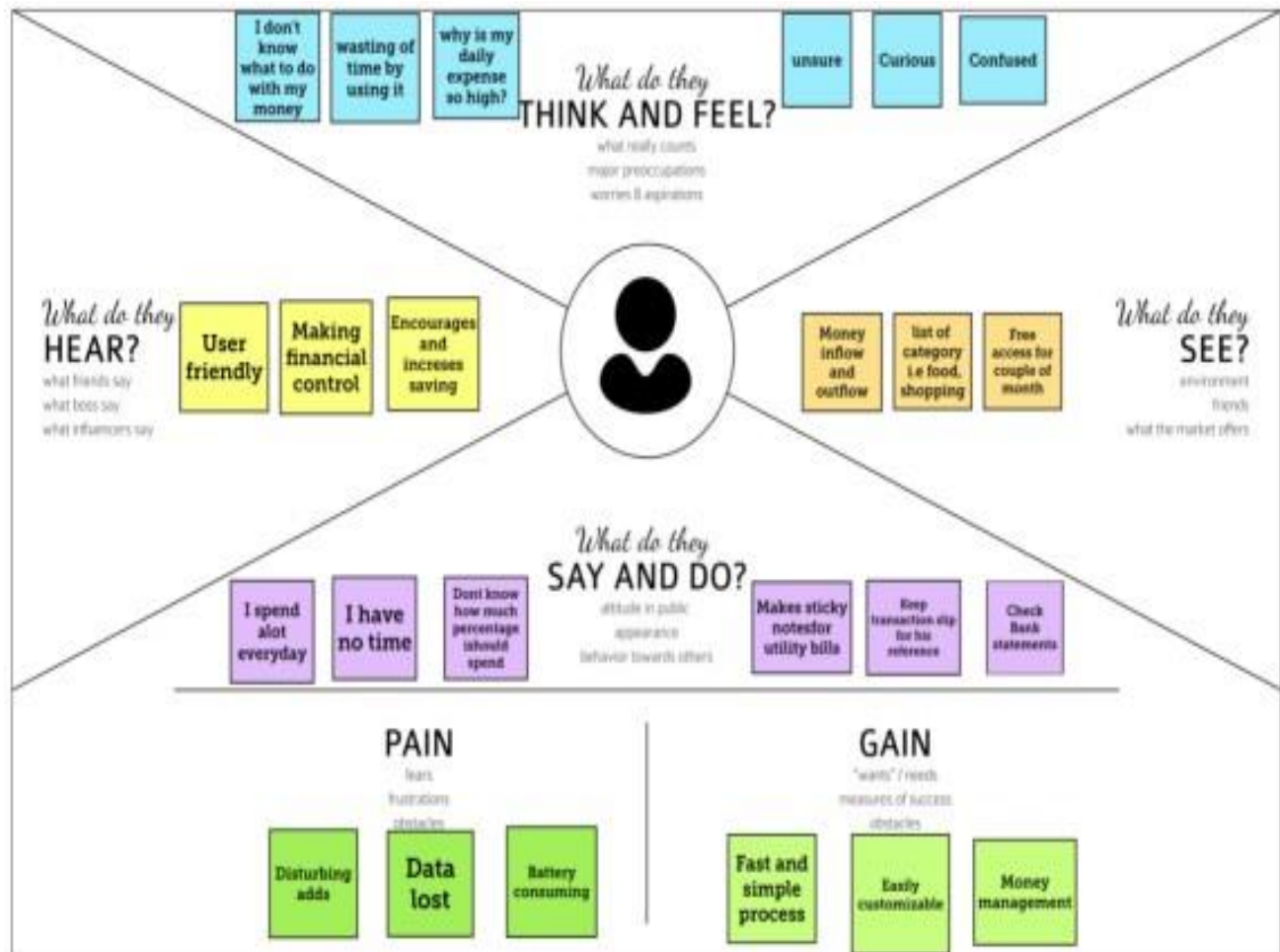
Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	An employee	Make monthly budget	There are no facilities to set a budget	I need to save money for my future plans	Frustrated
PS-2	Client-Geetha	The best investment Plans	Who needs high returns from investment plan	I need high returns from the investment	More efficient
PS-3	A Manager	To know the premium schedule	Alert for premium schedule	To reduce the premium monthly expenses for paying premium	Not smart enough
PS-4	Client - Loki	To record the expenses and income of individual	Can't able to access	Lack of internet connection	Disappointed
PS-5	Client- Maha	To record the expenses and income of individual	Request denied	Limited accessibility in tracking	Frustrated
PS-6	Client- Nirm	Keep track of my expenses	Can't categorize the various types of expenses	There is no option to organize the various expenses	Uncomfortable

3. IDEATION & PROPOSED SOLUTION

3.1 EMPATHY MAP CANVAS

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes. It is a useful tool to help teams better understand their users. Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

Build empathy and keep your focus on the user by putting yourself in their shoes.



3.2 IDEATION & BRAINSTORMING

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions. Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

Step-1: Team Gathering, Collaboration and Select the Problem Statement Problem Statement:

A lot of us usually have only one bank account. This is where we receive our salaries/allowances and this is where we try to save for a new car, a rainy day or your dream house. It is often very hard to keep track of all our expenses. There are multiple apps out there that help us manage our money but they do not account for the cash we spend or do not really take into account that a particular amount that we have spent might be split between a bunch of us. So, when we look at our net expense, the figure is huge even though we spent less than that.



Step-2: Brainstorm, Idea Listing and Grouping

Mahalakshmi

It helps you to stick to your budget

Tracking your expense can reveal spending issues

It helps you to meet your financial objectives

Stick to your spending limits

Nirmala

It helps you to track all transactions like bills, refunds, payrolls and taxes

It helps ensure you don't spend money you don't have

It helps to lead a happier retirement

It helps you to prepare for emergencies

Durga

Secure access to your accounting

Analytics and reporting

Anytime and anywhere access

Least scope of data loss

Lokhitha

Mitigates human error

Prediction Analysis

Secure access

Tracks sales

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

TIP



Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

It claims to be one place to supervise all finance, sync bank account and it is easy to use

It helps to manage incoming and outgoing money flow

It provides the tools to understand where the money goes and empowers to set achieve goals

All information is safe and authorized personnel only

You can easily import transaction from your bank without risk

This app sends payment reminders and automatically matches payment invoices

This app automatically calculates taxes on your invoice

This app let you create purchase order and handle vendor as well

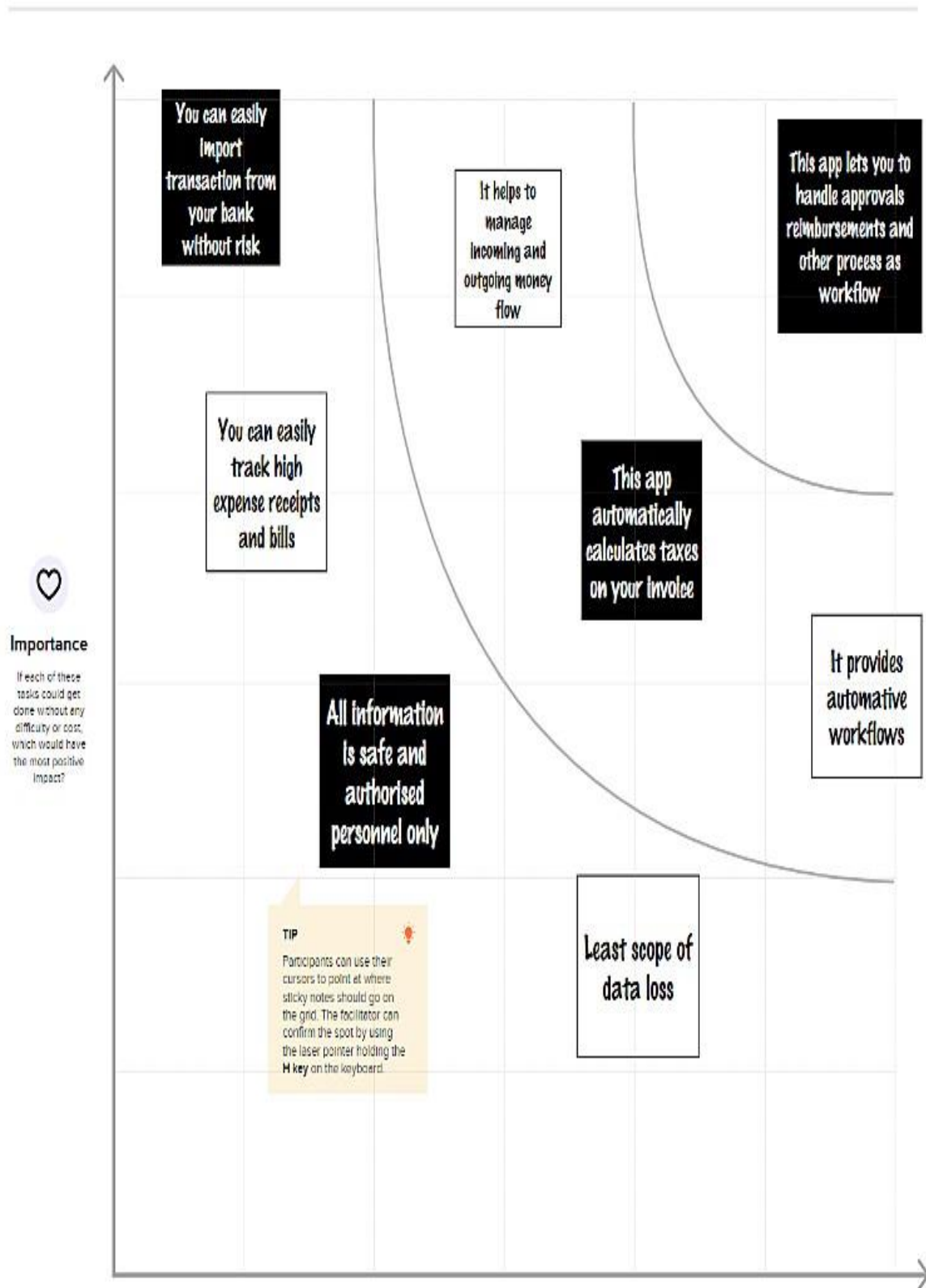
You can also compare past and present reports and predict future sale

It displays current credit score updated weekly from both transunion and equifax

You can easily track high expense receipts and bills

Easy to use and set budgets and track all progress

Step-3: Idea Prioritization



3.3 PROPOSED SOLUTION

S.NO.	Parameter	Description
1.	Problem Statement(Problem to be solved)	There is no as such complete solution present easily or we should say free of cost which enables a person to keep a track of its daily expenditure easily. To do so a person has to keep a log in a diary or in a computer, also all the calculations needs to be done by the user which may sometimes results in errors leading to losses. Due to lack of a complete tracking system, there is a constant overload to rely on the daily entry of the expenditure and total estimation till the end of the month.
2.	Idea/Solution description	An expense tracker is a software or application that helps to keep an accurate record of your money inflow and outflow. Many people in India live on a fixed income, and they find that towards the end of the month they don't have sufficient money to meet their needs.
3.	Novelty/ Uniqueness	When you track your spending, you know where your money goes and you can ensure that your money is used wisely. Tracking your expenditures also allows you to understand why you're in debt and how you got there. This will then help you design a befitting strategy of getting out of debt.
4.	Social Impact/ CustomerSatisfaction	A good financial plan can spot positive and negative trends where they may have become lost in a sea of numbers. This will help you better allocate funds to the areas that are making your business money, and avoid expenditures that didn't yield enough results.
5.	BusinessModel (RevenueModel)	Whether you're an entrepreneur or a small business owner, a business expense tracker can help to simplify your finances. These apps can help you keep track of receipts, organize all of your costs into categories and even integrate with popular accounting software. This can make paying employees and vendors easier while help you to maximize deductions come tax time.
6.	Scalability of the Solution	A good financial plan can spot positive and negative trends where they may have become lost in a sea of numbers. This will help you better allocate funds to the areas that are making your business money, and avoid expenditures that didn't yield enough results

3.4 PROBLEM SOLUTION FIT

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)</div> <div>Who is your customer? i.e. working parents of 0-5 y.o. kids</div> <div>An individual who needs to track their daily expense.</div>	<div>6. CUSTOMER CONSTRAINTS</div> <div>What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.</div> <div>It Helps You Stick to Your Budget. Tracking Your Expenses Can Reveal Spending Issues It Helps You Meet Your Financial Objectives.</div>	<div>5. AVAILABLE SOLUTIONS</div> <div>Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital moneykeeping.</div> <div>An expense tracker is a software or application that helps to keep an accurate record of your money inflow and outflow. One of the available solutions is tracking the expenses manually using a note and a pen, a traditional way to keep track of your expenses. But this solution is not efficient since it is a time consuming process.</div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS</div> <div>Which jobs are to be done (or problems) do you address for your customers? There could be more than one, explore different sides.</div> <div>The main problem is to provide an optimized and efficient personal expense tracking application to the users for better management of their expenses and savings. To do so, a person has to keep a log in daily or in a computer, also all the calculations needs to be done by the user which may sometimes results in errors leading to losses.</div>	<div>9. PROBLEM ROOT CAUSE</div> <div>What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.</div> <div>Helps you see your money situation and figure out possible money problems before they occur.</div>	<div>7. BEHAVIOUR</div> <div>What does your customer do to address the problem and get the job done? i.e. Manually entered, had the right scope, good interface, calculate usage and benefits, manually associated, customers spend less time on maintaining work i.e. Government.</div> <div>Use software to categorize and keep your expenses all in one place. Connect your bank accounts to your accounting software to automatically import transactions.</div>	
	<div>3. TRIGGERS</div> <div>What gets your customer to act on getting their money under control, leading to a successful outcome in the future.</div> <div>User engagement. By seeing their friends who save money will trigger them to use.</div>	<div>10. YOUR SOLUTION</div> <div>If you are working on an existing business, what does your current solution do well for, because it and don't have much difficulty. If you are working on a new business proposition, how can it break and you identify success and overcome with a solution that fits within customer business, solve a problem and enhance customer experience.</div> <div>Daily Expense Tracker System is a system which will keep a track of Income-Expense of a House-Wife on a day to day basis. And it saves money and gives alert manage for over usage of money.</div>	<div>1. CHANNELS of BEHAVIOUR</div> <div>ONLINE What kind of address the customer is looking for? What is the best channels for you?</div> <div>The action taken by the user is that storing the details of the expenses immediately after spending.</div> <div>OFFLINE What kind of address the customer is looking for? What is the best channels for you? What are the best ways for deployment.</div> <div>The user can save their expense entries in the local storage when the device connected to internet the data will be sent to the cloud.</div>	
Identify strong TR & EM	<div>4. EMOTIONS: BEFORE / AFTER</div> <div>How do customers feel about this business before or right after they used it? i.e. less, worried, overwhelmed, no control, and they can stress themselves during it change.</div> <div>Less interest. Short response time.</div>			EM & TR Strongly Agreed

4 . REQUIREMENT ANALYSIS

4.1 FUNCTIONAL REQUIREMENT

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Dashboard panel	shows the summary of expenses/incomes based on Category, vendor and the payment source
FR-4	Add bill	Add the bill ,expenses in add bill category
FR-5	Expense Tracker	Check your account statements. Categorize your expenses. Build your budget. Track your Expense
FR-6	Expense Planner	Calculate your net income. Spending limits for each category of expenses.
FR-7	Download PDF	Any doubt occur download the pdf to analyze the expense of your budget

4.2 NON-FUNCTIONAL REQUIREMENT

Following are the non-functional requirements of the proposed solution

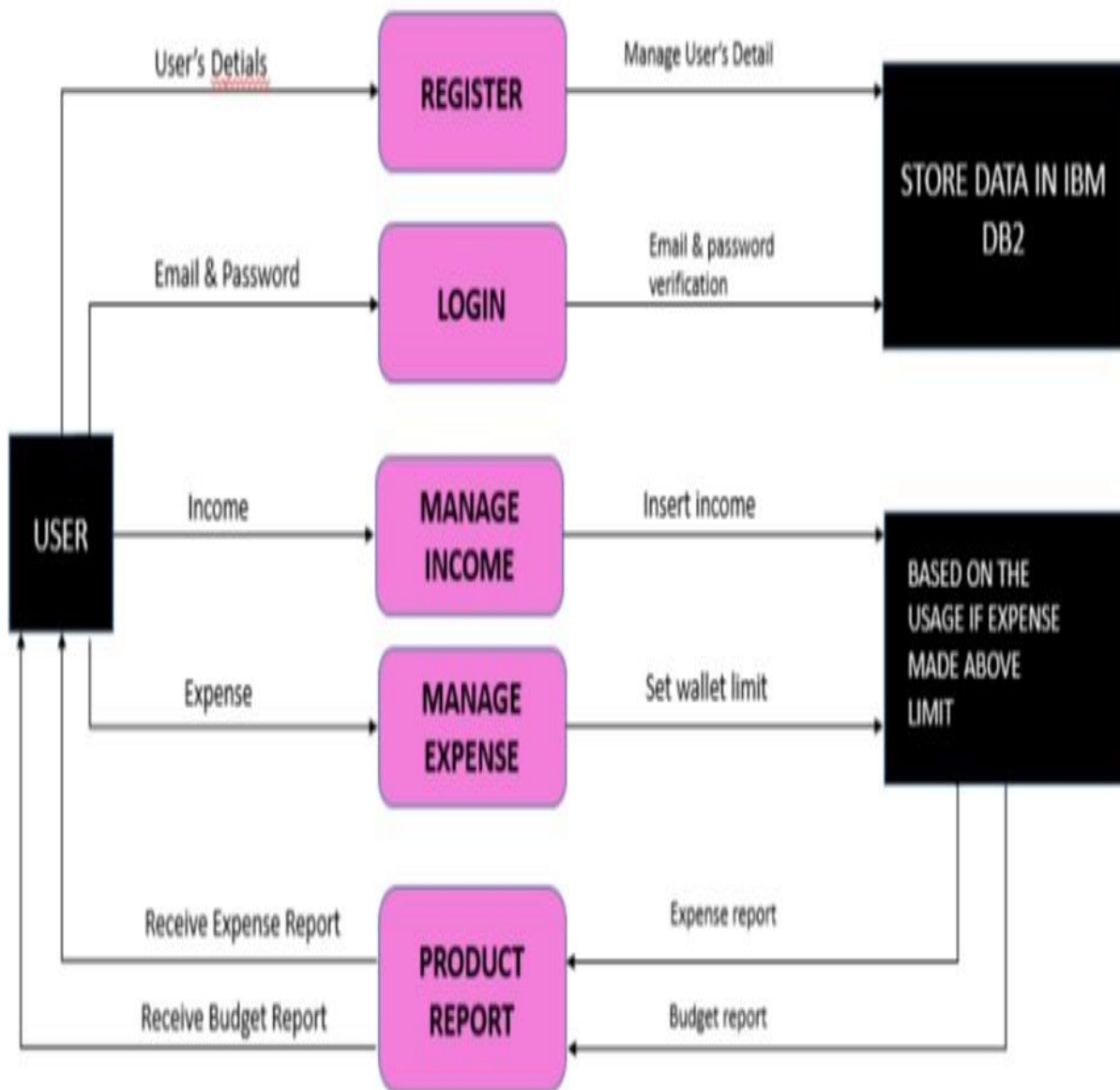
NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	To handle earnings and plan expenses and savings efficiently. It helps track all transactions like bills, refunds, payrolls, receipts, taxes, etc., on a daily, weekly, and monthly basis
NFR-2	Security	Your login user name and passwords are stored securely in a separate database using multilayered hardware and software encryption
NFR-3	Reliability	Trustworthy because all information are secure and it is performing consistently well
NFR-4	Performance	Keeping a daily record of your expenses by tracking receipts, invoices and other outgoing expenses improves the financial health of your budget.
NFR-5	Availability	They are available on multiple devices and come highly rated

NFR-6	Scalability	It helps you track all transactions like bills, refunds, payrolls, receipts, taxes, etc
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5. PROJECT DESIGN

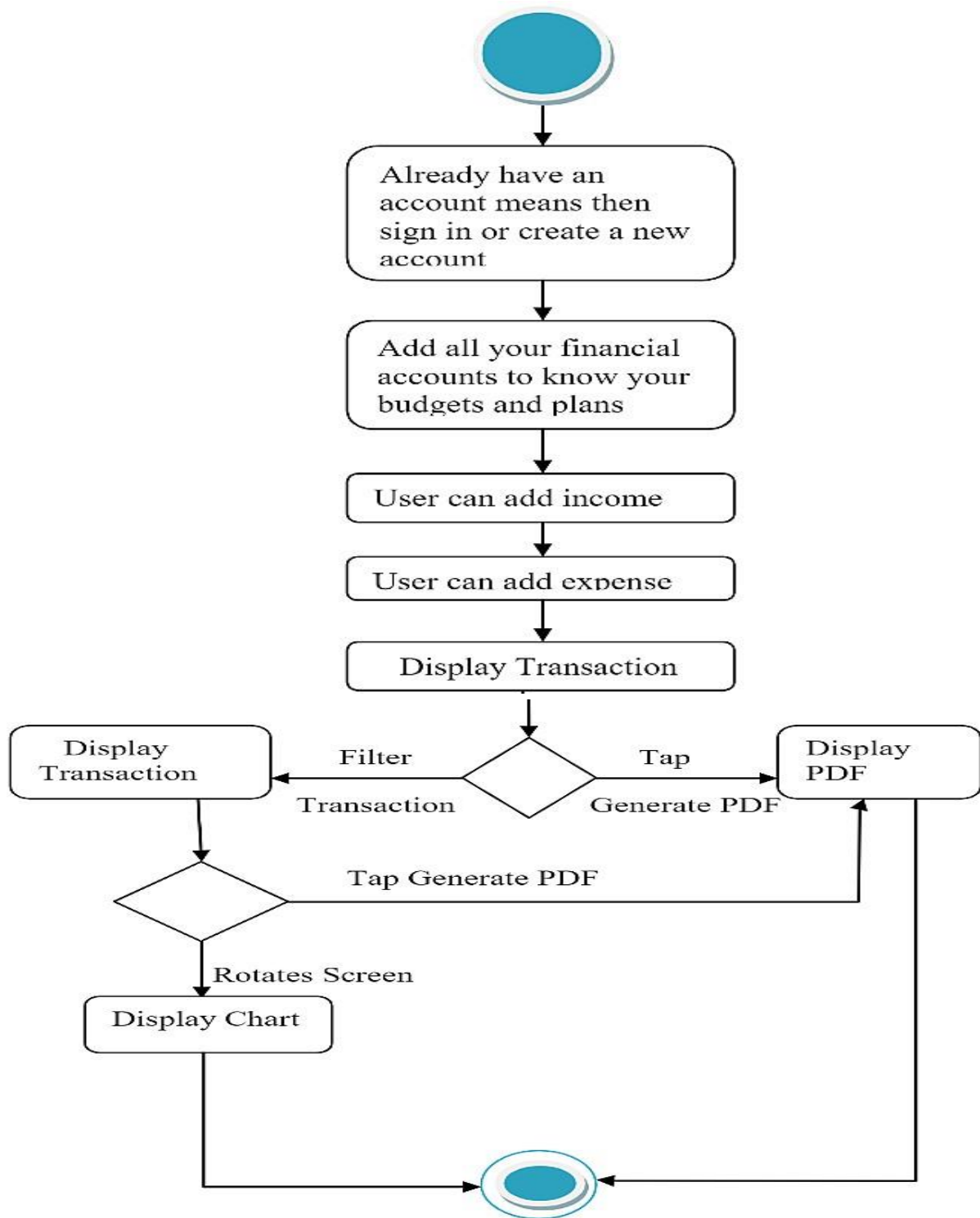
5.1 DATA FLOW DIAGRAM

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



5.2 SOLUTION & TECHNICAL ARCHITECTURE

SOLUTION ARCHITECTURE



TECHNICAL ARCHITECTURE

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

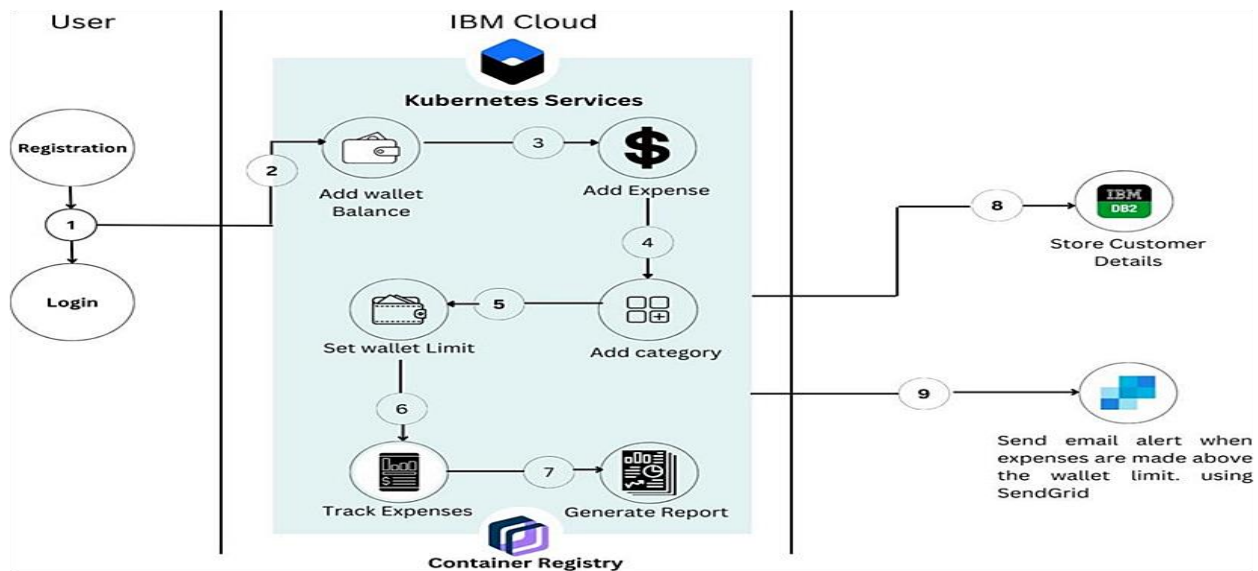


Table-1 : Components & Technologies:

S.NO.	Component	Description	Technology
1.	User Interface	The user/customer interacts with application eg: through website, app and chatbot	HTML, CSS, JavaScript
2.	Registration and Login	To interact with the application the user must create account and do registration using email and set password then it automatically redirected to login page	Python, Docker
3.	Application Logic-1	The application contains the signin/signup where the user can login to their account .	Java/Python
4.	Wallet Dashboard Services.	IBM Cloud Kubernetes Service provides secure access and easy to use.This tool is used to check their balance	IBM Cloud Kubernetes Services.
5.	Tracking of Expenses	IBM Container Registry enables us to provides a multitenant private image registry that you can use to store and share your container images with users in your IBM Cloud account.	IBM Cloud Container Registry
6.	Database	The income and expense data are stored in the MySQL database	MySQL

7.	Cloud Database	With use of Database Service on Cloud ,the user data are stored in a well secured manner.	IBM DB2, IBm Cloudant etc.
8.	File Storage	IBM Block storage used to store the financial data of the user	IBM Block Storage or Other Storage Service or Local Filesystem
9.	External API-1	email alerts or notification sends when the expenses are made above the wallet limit.	SendGrid

Table-2: Application Characteristics:

S.NO.	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask is an open source framework written in Python to implement this application.	Python-Flask
2.	Security Implementation	The user accounts are configured to only allow access from users with specific privileges. This application provides high security to the user financial data.It can be done by using the container registry in IBM cloud database.	IBM DB2
3.	Scalable Architecture	Three-tier architecture- user server, application server and cloud servThis Application is anytime accessible .Kubernetes services, the crudest form of load balancer	Python, IBM Cloud Services
4.	Availability	The most basic type of load balancing is load distribution.The Docker load balancer runs on every node and can load balance requests across any of the containers on any of the hosts in the cluster.	Kubernetes and Docker
5.	Performance	The performance will be high. Because there will be no network traffics in the application.	IBM Container Registry

5.3 USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my login page	High	Sprint-1
	login	USN-2	As a user, I can log into the application by entering registering email & password	I can receive confirmation email & click confirm High	High	Sprint-1
	Add Expense	USN-3	As a user , I can add new expenses.	I can add new expense to my account	Low	Sprint-2
	Remove Expense	USN-4	As a user , I can remove added expenses.	I can able to update the expense as it is user friendly	High	Sprint-1
	Get alert	USN-5	As a user , I will get alert when the expense amount is exceeded.	I can get alert detailswhen expense usage is above the wallet limit	High	Sprint-1
	wallet	USN-6	As a user , I can view/add my wallet amount.	I can store my savings personally and set limit	Medium	Sprint-2

Administrator	Application	USN-7	As a admin , I can store the details in Database (IBM DB2).	I can fix the bug which arises for the customers and users of the application	Medium	Sprint-2
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6. PROJECT PLANNING & SCHEDULING

6.1 SPRINT PLANNING & ESTIMATION

Sprint	Functional Requirement (Epic)	User Story Numer	User Story / Task	Story Points	Priority	Team Members
sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Mahalakshmi Nirmala
sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Lokhitha
sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Durga
sprint-1	Dashboard & Logout	USN-4	As a user, once I logged in I can access all the features of the web app and Logout once I completed all the work	5	High	Nirmala

sprint-1	Dashboard & Logout	USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	Lokhitha
sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	Mahalakshmi
sprint-2	Expense	USN-7	Split the total income based on usage like entertainment, food, shopping etc	2	Low	Durga
sprint-2	Expense	USN-8	Add the day to day expense.	6	High	Nirmala
sprint-2	Expense	USN-9	Display the user added expense	6	High	Lokhitha
sprint-3	Expense	USN-10	Filter the expense data based on criteria	6	Medium	Split between 4
sprint-3	Charts	USN-11	As a user I can display it in graphs	4	Low	Durga
sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	Mahalakshmi
sprint-4	Deployment	USN-13	As a user I should able to access it anywhere in the net	20	High	Split between 4

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	3 Days	5 Nov2022	7 Nov 2022	20	7 Nov 2022

Sprint-2	20	3 Days	8 Nov 2022	10 Nov 2022	20	8 Nov 2022
Sprint-3	20	4 Days	11 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	20 Nov 2022	20	25 Nov 2022

Velocity:

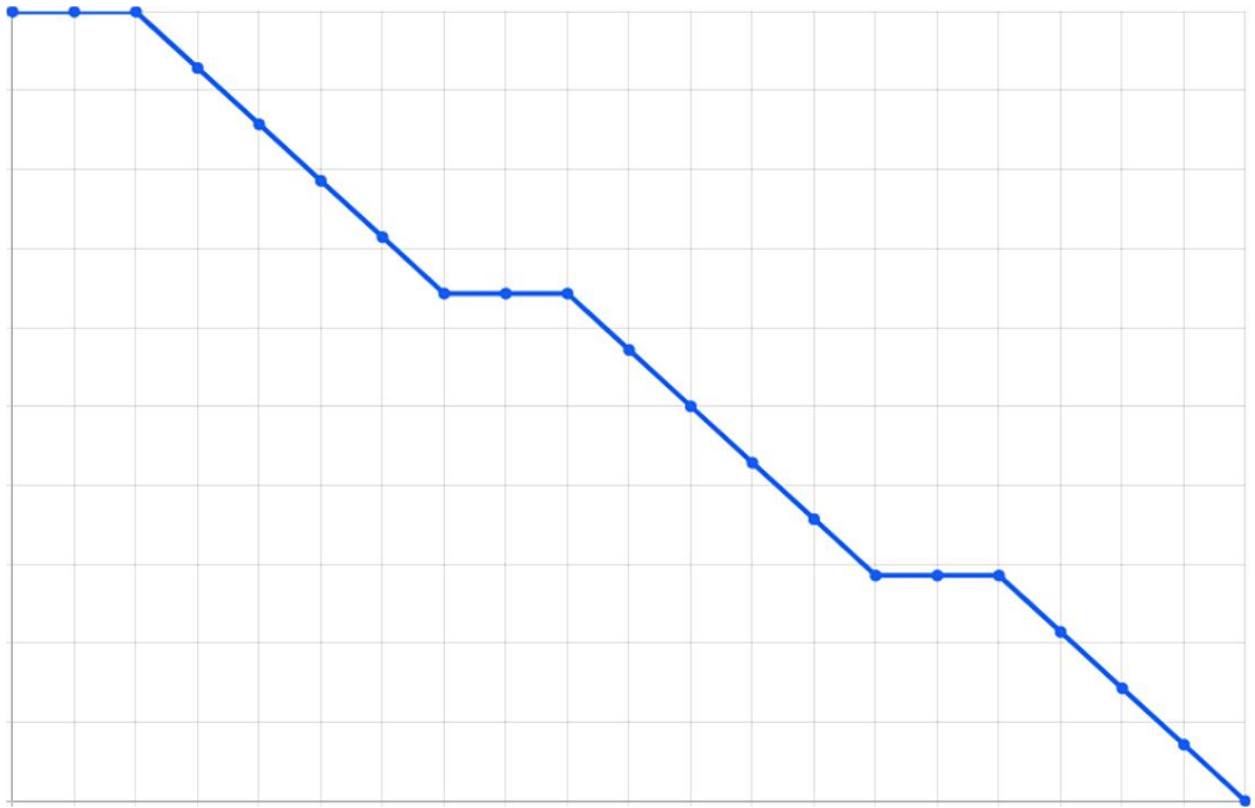
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint).

Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

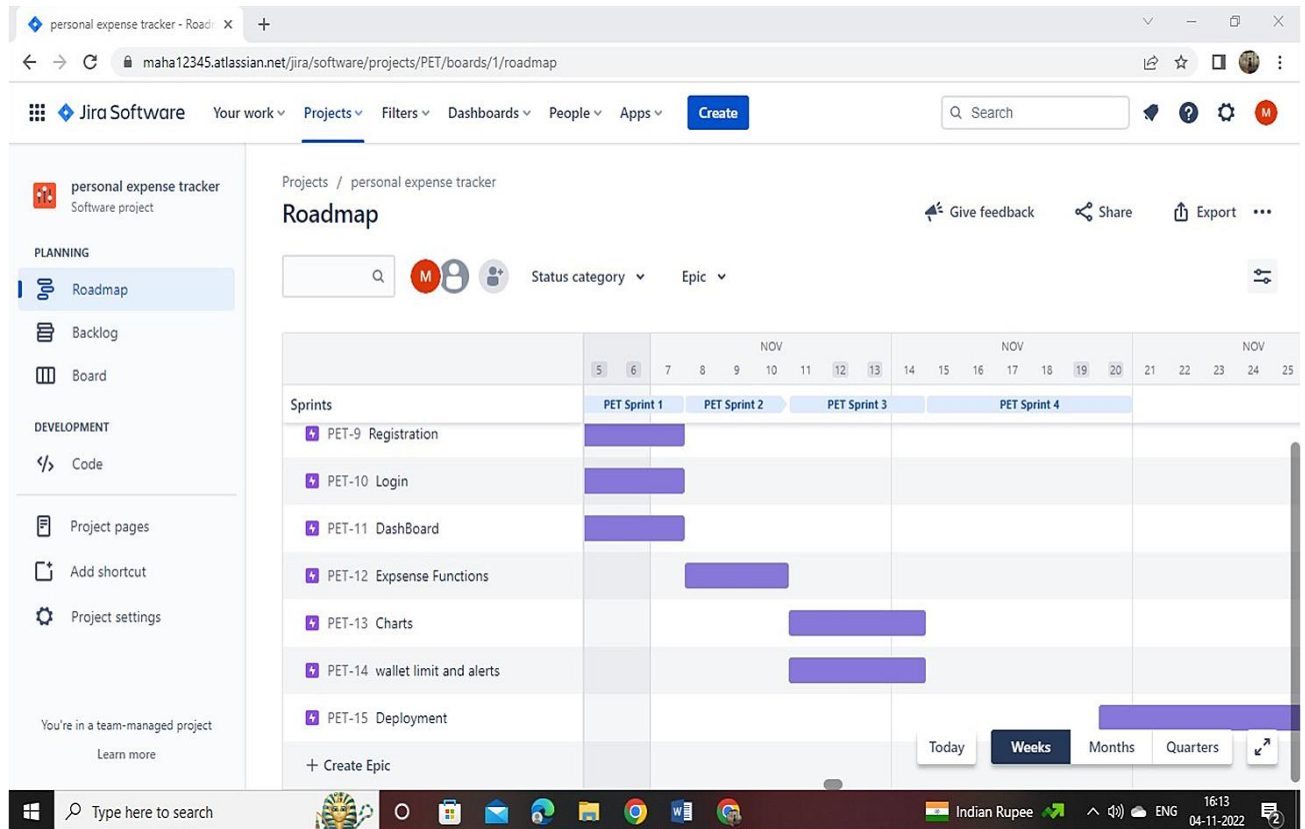
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Sprint	Total story points	Duration	Average velocity
Sprint 1	20	3 Days	20 / 3 = 6.66
Sprint 2	20	3 Days	20 / 3 = 6.66
Sprint 3	20	4 Days	20 / 4 = 5.00
Sprint 4	20	6 Days	20 / 6 = 3.33
Total	80	16 Days	80 / 16 = 5.00

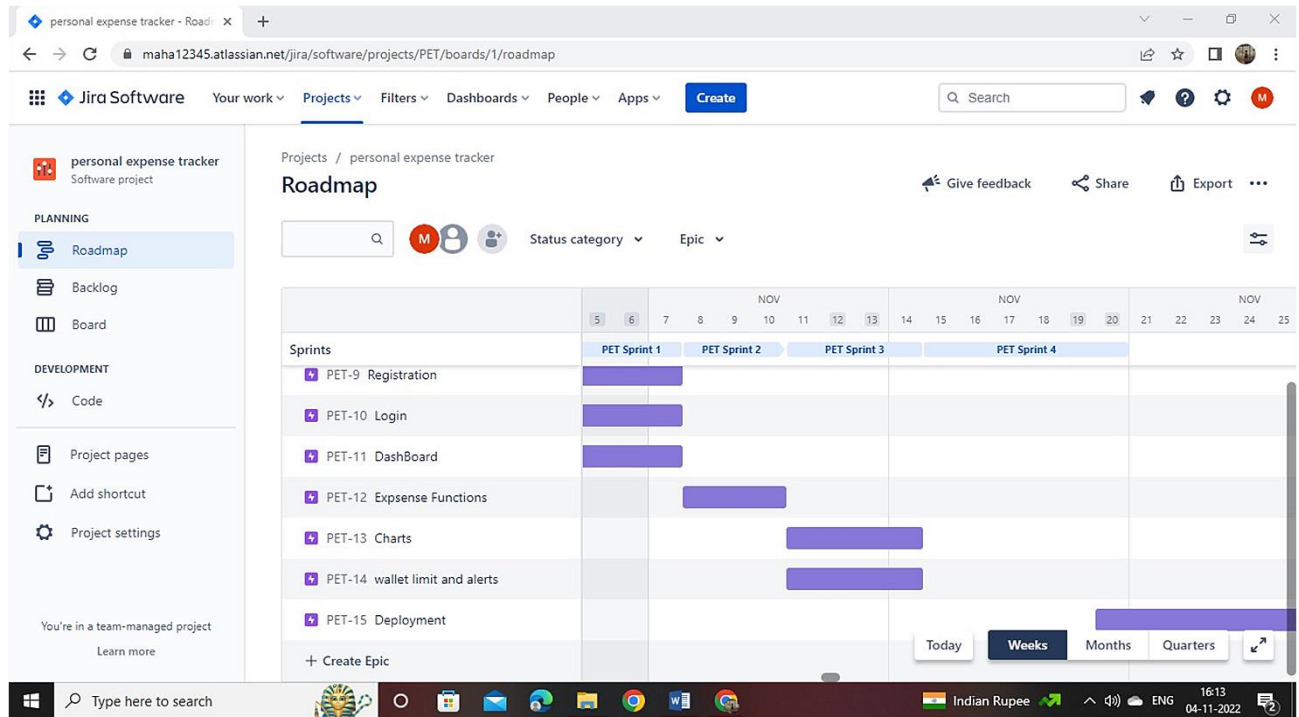
Burndown Chart:



6.2 SPRINT DELIVERY SCHEDULE



6.3 REPORTS FROM JIRA



Projects / personal expense tracker

Backlog

Search filters: M, Epic

Insights

* PET Sprint 1 5 Nov — 7 Nov (3 issues)

PET-1 registration page

PET-2 login Page

PET-3 Dashboard

- Create issue

0 Complete sprint

INPROGRESS ☐

TO DO ☐

TO DO ☐

* PET Sprint 2 8 Nov — 12 Nov (1 issue)

PET-4 Expense Functions

- Create issue

0 Complete sprint

TO DO ☐

Quickstart

Projects / personal expense tracker

Backlog

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PET Sprint 3 12 Nov — 14 Nov (3 issues)

PET-5 Implementation of functions (python code)

PET-6 Display charts

PET-7 show alerts and wallet limit

+ Create issue

0

Complete sprint

TODO

TODO

TO DO

PET Sprint 4 15 Nov — 20 Nov (1 issue)

PET-8 Deployment app in ibm cloud

+ Create issue

0

Complete sprint

TODO

Quickstart

Jira Software

Your work

Projects

Filters

Dashboards

People

Apps

Create

Search

M

personal expense tracker

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / personal expense tracker

All sprints

M

Epic

Sprint

GROUP BY None Insights

TO DO 5 ISSUES

Expesne Functions

PET-4

Implementation of functions (python code)

PET-5

Display charts

PET-6

show alerts and wallet limit

PET-7

IN PROGRESS 3 ISSUES

registration page

PET-1

login Page

PET-2

Dashboard

PET-3

DONE ✓

7. CODING & SOLUTIONING (Explain the features added in the project along with code)

7.1 FEATURE 1

HOME

Home page of our Budget app the user can sign up or login to redirect to next page by clicking the relevant button.

SIGN UP

The user can create an account by clicking sign up button using sign up page and enter all details for sign up

LOGIN

Once the user can created the account then the user will be redirected to login page and enter all the details in login page and then click login button

CODING home1.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="C:\Users\mahal\Desktop\Templates\static\home1.css">
  <title>home</title>
</head>
<body>
  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
          <a href="#hero">
            <h1><span>M</span>y <span>B</span>udget</h1>
          </a>
```

```

</div>
<div class="nav-list">
  <div class="hamburger">
    <div class="bar"></div>
  </div>
  <ul>
    <li><a href="#hero" data-after="Home">Home</a></li>
    <li><a href="#services" data-after="Service">Services</a></li>
    <li><a href="#about" data-after="About">About</a></li>
    <li><a href="#contact" data-after="Contact">Contact</a></li>
    <li><a href="login1.html" data-after="Login">-Login-</a></li>
  </ul>
</div>
</div>
</div>
</section>
<!-- End Header -->

<!-- Hero Section -->
<section id="hero">
  <div class="hero container">
    <div>
      <h1>Hello, <span></span></h1>
      <h1>Welcome To <span></span></h1>
      <h1>Expense Tracker Web application <span></span></h1>
      <a href="signup1.html" type="button" class="cta">Sign-up</a>    </div>
    </div>
  </section>
  <!-- End Hero Section -->

  <!-- Service Section -->
  <section id="services">
    <div class="services container">
      <div class="service-top">
        <h1 class="section-title">Serv<span>i</span>ces</h1>

```

<p>MyBudget provides a many services to the customer and industries. Financial solutions to meet your needs whatever your money goals,there is a MyBudget solution to help you reach them </p>

</div>

<div class="service-bottom">

<div class="service-item">

<div class="icon"></div>

<h2>Personal Expenses</h2>

<p>Budgeting is more than paying bills and setting aside savings.it's about creating a money plan for the life you want</p>

</div>

<div class="service-item">

<div class="icon"></div>

<h2>Investments</h2>

<p>Follow your investments and bring your portfolio into focus with support for stocks,bonds,CDs,mutual funds and more</p>

</div>

<div class="service-item">

<div class="icon"></div>

<h2>Online Banking</h2>

<p>MyBudget application can automatically download transactions and send payments online from many financial institutions</p>

</div>

<div class="service-item">

<div class="icon"></div>

<h2>Financial Life</h2>

<p>Get your Complete financial picture at a glance. With MyBudget application you can view your all the financial activities

</p>

</div>

</div>

</div>

</section>

<!-- End Service Section -->

<!-- About Section -->

<section id="about">

<div class="about container">

<div class="col-left">

```
<div class="about-img">
  
  <div><h2>MyBudget ceo,Shridhar </h2></div>
</div>
</div>
```

```
<div class="col-right">
  <h1 class="section-title">About <span>Us</span></h1>
  <h2>Financial Solution</h2>
  <p>MyBudget financial solution is one among Leading financial company from many
years.MyBudget provides a many services to the customer and industries. Financial solutions to meet
your needs whatever your money goals,there is a MyBudget solution to help you reach them.u can
Contact our service center for further information and also follow our social media for update on new
services </p>
```

```
  <a href="#footer" class="cta">Follow Us</a>
```

```
</div>
</div>
</section>
<!-- End About Section -->
```

```
<!-- Contact Section -->
```

```
<section id="contact">
  <div class="contact container">
    <div>
      <h1 class="section-title">Contact <span>info</span></h1>
    </div>
    <div class="contact-items">
      <div class="contact-item">
        <div class="icon"></div>
        <div class="contact-info">
          <h1>Phone</h1>
          <h2>+1 234 123 1234</h2>
          <h2>+1 234 123 1234</h2>
        </div>
      </div>
      <div class="contact-item">
        <div class="icon"></div>
```

```

    <div class="contact-info">
      <h1>Email</h1>
      <h2>info@gmail.com</h2>
      <h2>abcd@gmail.com</h2>
    </div>
  </div>
  <div class="contact-item">
    <div class="icon"></div>
    <div class="contact-info">
      <h1>Address</h1>
      <h2>4th main-road,Bengaluru,Karnataka,India</h2>
    </div>
  </div>
</div>
</section>
<!-- End Contact Section -->

<!-- Footer -->
<section id="footer">
  <div class="footer container">
    <div class="brand">
      <h1><span>M</span>y <span>B</span>udget</h1>
    </div>
    <h2>Your Complete Financial Solution</h2>
    <div class="social-icon">
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">

```



```
<a href="#"></a>
</div>
</div>
<p>Copyright © 2022 maha . All rights reserved</p>
</div>
</section>
<!-- End Footer -->
<script src="C:\Users\mahal\Desktop\Templates\static\home1.js"></script>
</body>

</html>
```

home1.css

```
@import 'https://fonts.googleapis.com/css?family=Montserrat:300, 400, 700&display=swap';
* {
    padding: 0; margin:
    0;
    box-sizing: border-box;
}
html { font-size: 10px;
    font-family: 'Montserrat', sans-serif;
    scroll-behavior: smooth;
}
a { text-decoration: none;
}
.container { min-height:
    100vh; width: 100%;
    display: flex; align-
    items: center;
    justify-content: center;
}
img { height: 100%;
    width: 100%;
    object-fit: cover;
} p { color: black; font-size:
    1.4rem; margin-top: 5px;
```

```
line-height: 2.5rem; font-
weight: 300;
    letter-spacing: 0.05rem;
}
.section-title { font-size: 4rem; font-
weight: 300; color: black;
margin-bottom: 10px; text-
transform: uppercase;
letter-spacing: 0.2rem;
text-align: center;
}
.section-title span { color:
    crimson;
}
.cta { display: inline-block; padding: 10px
    30px; color: white; background-
color: transparent;
border: 2px solid crimson;
font-size: 2rem; text-
transform: uppercase; letter-
spacing: 0.1rem; margin-top:
    30px; transition: 0.3s ease;
transition-property: background-color, color;
}
.cta:hover { color:
    white;
background-color: crimson;
}
.brand h1 { font-size: 3rem; text-
transform: uppercase;
color: white;
}
.brand h1 span { color:
    crimson;
}
/* Header section */
#header { position:
    fixed;
z-index: 1000;
```

```
        left: 0; top: 0;
        width: 100vw;
        height: auto;
    }
    #header .header { min-height: 8vh; background-
        color: rgba(31, 30, 30, 0.24);
        transition: 0.3s ease background-color;
    }
    #header .nav-bar { display: flex; align-
        items: center; justify-content:
        space-between; width: 100%;
        height: 100%;
        max-width: 1300px;
        padding: 0 10px;
    }
    #header .nav-list ul { list-style: none;
        position: absolute; background-
        color: rgb(31, 30, 30); width: 100vw;
        height: 100vh; left: 100%; top: 0;
        display: flex; flex-direction: column;
        justify-content: center; align-items:
        center; z-index: 1; overflow-x:
        hidden;
        transition: 0.5s ease left;
    }
    #header .nav-list ul.active { left:
        0%;
    }
    #header .nav-list ul a { font-size:
        2.5rem; font-weight: 500;
        letter-spacing: 0.2rem; text-
        decoration: none; color:
        white; text-transform:
        uppercase; padding: 20px;
        display: block;
    }
    #header .nav-list ul a::after {
        content: attr(data-after);
        position: absolute; top:
        50%; left: 50%;
```

```

        transform: translate(-50%, -50%) scale(0);
        color: rgba(240, 248, 255, 0.021); font-size:
        13rem; letter-spacing: 50px;
        z-index: -1;
        transition: 0.3s ease letter-spacing;
    }
    #header .nav-list ul li:hover a::after { transform:
        translate(-50%, -50%) scale(1);
        letter-spacing: initial;
    }
    #header .nav-list ul li:hover a { color:
        crimson;
    }
    #header .hamburger { height:
        60px; width: 60px;
        display: inline-block;
        border: 3px solid white;
        border-radius: 50%;
        position: relative;
        display: flex; align-items:
        center; justify-content:
        center; z-index: 100;
        cursor: pointer;
        transform: scale(0.8);
        margin-right: 20px;
    }
    #header .hamburger:after {
        position: absolute;
        content: ""; height: 100%;
        width: 100%; border-
        radius: 50%; border: 3px
        solid white;
        animation: hamburger_puls 1s ease infinite;
    }
    #header .hamburger .bar { height:
        2px; width: 30px; position:
        relative; background-
        color: white; z-index: -1;
    }
    #header .hamburger .bar::after,

```

```

#header .hamburger .bar::before {
    content: ""; position:
    absolute; height:
    100%;
    width: 100%;
    left: 0;
    background-color: white; transition:
    0.3s ease; transition-property: top,
    bottom;
}
#header .hamburger .bar::after { top:
    8px;
}
#header .hamburger .bar::before { bottom:
    8px;
}
#header .hamburger.active .bar::before { bottom: 0;
}
#header .hamburger.active .bar::after { top: 0;
}
/* End Header section */

/* Hero Section */
#hero { background-image: url(C:\Users\mahal\Downloads\hero-bg.png);
    background-size: cover; background-position: top center;
    position: relative;
    z-index: 1;
}
#hero::after { content:
    "";
    position: absolute;
    left: 0; top: 0; height:
    100%; width: 100%;
    background-color: black;
    opacity: 0.7;
    z-index: -1;
}

```

```
#hero .hero { max-width:
    1200px; margin: 0
    auto; padding: 0
    50px;
    justify-content: flex-start;
}

#hero h1 { display: block;
    width: fit-content;
    font-size: 4rem;
    position: relative;
    color: transparent;
    animation: text_reveal 0.5s ease forwards; animation-delay: 1s;
}

#hero h1:nth-child(1) { animation-delay:
    1s;
}

#hero h1:nth-child(2) { animation-delay:
    2s;
}

#hero h1:nth-child(3) { animation: text_reveal_name 0.5s
    ease forwards; animation-delay: 3s;
}

#hero h1 span { position:
    absolute; top: 0;
    left: 0;
    height: 100%; width: 0; background-
    color: crimson; animation:
    text_reveal_box 1s ease;
    animation-delay: 0.5s;
}

#hero h1:nth-child(1) span { animation-delay:
    0.5s;
}

#hero h1:nth-child(2) span { animation-delay:
    1.5s;
}

#hero h1:nth-child(3) span { animation-delay:
    2.5s;
}
```

```
/* End Hero Section */
```

```
/* Services Section */
```

```
#services .services { flex-direction:  
    column; text-align: center;  
    max-width: 1500px; margin:  
    0 auto;  
    padding: 100px 0;
```

```
}
```

```
#services .service-top { max-width:  
    500px;  
    margin: 0 auto;
```

```
}
```

```
#services .service-bottom {  
    display: flex; align-items:  
    center; justify-content:  
    center; flex-wrap: wrap;  
    margin-top: 50px;
```

```
}
```

```
#services .service-item { flex-  
    basis: 80%; display: flex;  
    align-items: flex-start;  
    justify-content: center;  
    flex-direction: column;  
    padding: 30px; border-  
    radius: 10px;  
    background-image: url('C:\Users\mahal\Downloads\img-1.png');  
    background-size: cover; margin: 10px 5%; position: relative; z-index:  
    1;  
    overflow: hidden;
```

```
}
```

```
#services .service-item::after { content: "";  
    position: absolute;  
    left: 0; top: 0;  
    height: 100%;  
    width: 100%;  
    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); opacity: 0.9;  
    z-index: -1;
```

```
}
```

```
#services .service-bottom .icon {
    height: 80px; width: 80px;
    margin-bottom: 20px;
}
#services .service-item h2 {
    font-size: 2rem; color:
    white; margin-bottom:
    10px;
    text-transform: uppercase;
}
#services .service-item p { color:
    white; text-align: left;
}
/* End Services Section */

/* Projects section */
#projects .projects { flex-direction:
    column; max-width: 1200px;
    margin: 0 auto;
    padding: 100px 0;
}
#projects .projects-header h1 { margin-bottom:
    50px;
}
#projects .all-projects {
    display: flex; align-items:
    center; justify-content:
    center;
    flex-direction: column;
}
#projects .project-item {
    display: flex; align-
    items: center; justify-
    content: center; flex-
    direction: column;
    width: 80%; margin:
    20px auto; overflow:
    hidden;
    border-radius: 10px;
```



```
}  
#projects .project-info {  
    padding: 30px; flex-  
    basis: 50%; height:  
    100%; display: flex;  
    align-items: flex-start;  
    justify-content: center;  
    flex-direction: column;  
    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); color:  
    white;  
}  
#projects .project-info h1 { font-size:  
    4rem;  
    font-weight: 500;  
}  
#projects .project-info h2 { font-size:  
    1.8rem; font-weight: 500;  
    margin-top: 10px;  
}  
#projects .project-info p { color:  
    white;  
}  
#projects .project-img { flex-  
    basis: 50%; height:  
    300px;  
    overflow: hidden; position:  
    relative;  
}  
#projects .project-img:after { content: "";  
    position: absolute;  
    left: 0; top: 0;  
    height: 100%;  
    width: 100%;  
    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); opacity: 0.7;  
}  
#projects .project-img img { transition:  
    0.3s ease transform;  
}
```

```
#projects .project-item:hover .project-img img { transform:
    scale(1.1);
}
```

```
/* End Projects section */
```

```
/* About Section */
```

```
#about .about { flex-direction: column-
    reverse;
    text-align: center; max-width:
    1200px; margin: 0 auto;
    padding: 100px 20px;
}
```

```
#about .col-left { width:
    250px;
    height: 360px;
}
```

```
#about .col-right { width:
    100%;
}
```

```
#about .col-right h2 { font-size:
    1.8rem; font-weight:
    500; letter-spacing:
    0.2rem; margin-bottom:
    10px;
}
```

```
#about .col-right p { margin-bottom:
    20px;
}
```

```
#about .col-right .cta { color:
    black; margin-bottom:
    50px; padding: 10px
    20px;
    font-size: 2rem;
}
```

```
#about .col-left .about-img {
    height: 100%; width:
    100%; position:
    relative;
    border: 10px solid white;
```

```

}
#about .col-left .about-img::after {
    content: ""; position:
    absolute; left: -33px; top:
    19px; height: 98%; width:
    98%; border: 7px solid
    crimson;
    z-index: -1;
}
/* End About Section */

/* contact Section */
#contact .contact { flex-direction:
    column; max-width:
    1200px; margin: 0 auto;
    width: 90%;
}
#contact .contact-items { /* max-
    width: 400px; */
    width: 100%;
}
#contact .contact-item { width:
    80%;
    padding: 20px; text-
    align: center; border-
    radius: 10px; padding:
    30px; margin: 30px;
    display: flex; justify-
    content: center; align-
    items: center; flex-
    direction: column;
    box-shadow: 0px 0px 18px 0 #0000002c;
    transition: 0.3s ease box-shadow;
}
#contact .contact-item:hover { box-shadow: 0px
    0px 5px 0 #0000002c;
}

```

```
#contact .icon { width:
    70px; margin: 0
    auto;
    margin-bottom: 10px;
}
#contact .contact-info h1 { font-size:
    2.5rem; font-weight: 500;
    margin-bottom: 5px;
}
#contact .contact-info h2 { font-size:
    1.3rem; line-height: 2rem;
    font-weight: 500;
}
/*End contact Section */

/* Footer */
#footer { background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
}
#footer .footer { min-height:
    200px; flex-direction:
    column; padding-top:
    50px; padding-bottom:
    10px;
}
#footer h2 { color: white; font-
weight: 500; font-size:
    1.8rem; letter-spacing:
    0.1rem; margin-top:
    10px;
    margin-bottom: 10px;
}
#footer .social-icon { display:
    flex;
    margin-bottom: 30px;
}
#footer .social-item { height:
    50px; width: 50px;
    margin: 0 5px;
}
```

```

#footer .social-item img { filter:
    grayscale(1);
    transition: 0.3s ease filter;
}
#footer .social-item:hover img { filter:
    grayscale(0);
}
#footer p { color:
    white;
    font-size: 1.3rem;
}
/* End Footer */

/* Keyframes */
@keyframes hamburger_puls {
    0% { opacity: 1;
        transform: scale(1);
    }
    100% { opacity: 0;
        transform: scale(1.4);
    }
}
@keyframes text_reveal_box {
    50% { width: 100%;
        left: 0;
    }
    100% { width: 0;
        left: 100%;
    }
}
@keyframes text_reveal {
    100% { color: white;
    }
}
@keyframes text_reveal_name {
    100% { color: crimson;
        font-weight: 500;
    }
}

```

```

    }
}
/* End Keyframes */

/* Media Query For Tablet */
@media only screen and (min-width: 768px) {
    .cta { font-size: 2.5rem;
        padding: 20px 60px;
    }
    h1.section-title { font-size:
        6rem;
    }
    /* Hero */
    #hero h1 { font-size:
        7rem;
    }
    /* End Hero */

    /* Services Section */
    #services .service-bottom .service-item { flex-basis:
        45%;
        margin: 2.5%;
    }
    /* End Services Section */

    /* Project */
    #projects .project-item { flex-direction:
        row;
    }
    #projects .project-item:nth-child(even) { flex-direction:
        row-reverse;
    }
    #projects .project-item {
        height: 400px;
        margin: 0; width:
        100%;
        border-radius: 0;
    }
}

```

```

#projects .all-projects .project-info { height:
    100%;
}
#projects .all-projects .project-img { height:
    100%;
}
/* End Project */

/* About */
#about .about { flex-direction:
    row;
}
#about .col-left { width:
    600px; height:
    400px;
    padding-left: 60px;
}
#about .about .col-left .about-img::after {
    left: -45px; top: 34px; height: 98%;
    width: 98%;
    border: 10px solid crimson;
}
#about .col-right { text-align:
    left;
    padding: 30px;
}
#about .col-right h1 { text-align:
    left;
}
/* End About */

/* contact */
#contact .contact { flex-direction:
    column; padding: 100px 0;
    align-items: center; justify-
    content: center;
    min-width: 20vh;
}

```

```

#contact .contact-items { width: 100%;
    display: flex; flex-direction:
    row; justify-content: space-
    evenly; margin: 0;
}
#contact .contact-item {
    width: 30%; margin:
    0;
    flex-direction: row;
}
#contact .contact-item .icon { height:
    100px;
    width: 100px;
}
#contact .contact-item .icon img { object-fit:
    contain;
}
#contact .contact-item .contact-info { width:
    100%;
    text-align: left;
    padding-left: 20px;
}
/* End contact */
}
/* End Media Query For Tablet */

/* Media Query For Desktop */
@media only screen and (min-width: 1200px) {
    /* header */
    #header .hamburger { display:
        none;
    }
    #header .nav-list ul {
        position: initial;
        display: block;
        height: auto; width:
        fit-content;
        background-color: transparent;
    }
}

```



```

#header .nav-list ul li { display:
    inline-block;
}
#header .nav-list ul li a { font-size:
    1.8rem;
}
#header .nav-list ul a:after { display:
    none;
}
/* End header */

#services .service-bottom .service-item { flex-basis:
    22%;
    margin: 1.5%;
}
}
/* End Media Query For Desktop */

```

home1.js

```

const hamburger = document.querySelector('.header .nav-bar .nav-list .hamburger'); const
mobile_menu = document.querySelector('.header .nav-bar .nav-list ul');
const menu_item = document.querySelectorAll('.header .nav-bar .nav-list ul li a'); const
header = document.querySelector('.header.container');

hamburger.addEventListener('click', () => { hamburger.classList.toggle('active');
    mobile_menu.classList.toggle('active');
});

document.addEventListener('scroll', () => { var
    scroll_position = window.scrollY;
    if (scroll_position > 250) { header.style.backgroundColor =
        '#29323c';
    } else { header.style.backgroundColor = 'transparent';
    }
});

```

```

menu_item.forEach((item) => { item.addEventListener('click', ()
    => { hamburger.classList.toggle('active');
        mobile_menu.classList.toggle('active');
    });
});

```

signup1.html

```

<html>
<head>
<meta charset="utf-8">
<title>Sign-up</title>
<link href="C:\Users\mahal\Desktop\Templates\static\signup1.css" rel="stylesheet">
<script src="https://kit.fontawesome.com/a81368914c.js"></script>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
</head>
<body>
<!--container----->
<div class="container" >
<!--sign-up-box-container--->
<div class="sign-up">

    <div id="png"><a href="/" title="HOME"></a></div>
<!--heading-->
<form action="/register" method="post">
    <div class="msg"></div>
<h1 class="heading">Hello,Friend</h1>
<!--name-box-->
<div class="text">

<input placeholder="Name" type="text" name="username"/>
</div>
<!--Email-box-->
<div class="text">

```

```


<input placeholder=" Example@gmail.com" type="email" name="email" />
</div>
<!--Password-box-->
<div class="text">

<input placeholder=" Password" type="password" name="password"/> </div>
<div class="or"><b>OR</b></div>
<div class="s1"><p><b>Sign-up with</b></p></div>

<div>
<ul>
<li><a href="#"><i class="fab fa-facebook" aria-hidden="true"></i></a></li>
<li><a href="#"><i class="fab fa-twitter" aria-hidden="true"></i></a></li>
<li><a href="#"><i class="fab fa-google" aria-hidden="true"></i></a></li>
<li><a href="#"><i class="fab fa-linkedin" aria-hidden="true"></i></a></li>
<li><a href="#"><i class="fab fa-instagram" aria-hidden="true"></i></a></li>
</ul>

</div>
<!--trem-->

<div class="trem">
<input class="check" type="checkbox" required/>
<p class="conditions">I read and agree to <a href="#">Terms & Conditions</a></p> </div>
<!--button-->
<div class="toop">
<button type="submit" class="btn btn-primary" >CREATE ACCOUNT</button> </div>

</form>
<!--sign-in-->
<div class="t"><p class="conditions" id="p3">Already have an account <a href="login1.html">Log
in</a></p> </div></div>
</div>
<!--text-container-->
<div class="text-container">

```

```
<h1 style="color: #2d2c2c;font-family:cursive;">Glad to see you</h1>
```

```
<div class="diag">
```

```
<div class="para"> <b>Welcome</b>,Please Fill in the blanks for sign up</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

signup1.css

```
@charset "utf-8"; /*
```

```
CSS Document */
```

```
body{
```

```
background-color:#eef1f8;
```

```
margin:0px;
```

```
padding:0px;
```

```
} a{
```

```
text-decoration:none;
```

```
}
```

```
.container{
```

```
width:100%;
```

```
height:100%;
```

```
background-color:#FFFFFF;
```

```
position: absolute;
```

```
left:50%; top:49%;
```

```
transform:translate(-50%,-50%);
```

```
box-shadow:2px 2px 30px rgba(66,57,238,0.2);
```

```
border-radius:20px;
```

```
display:flex;
```

```
justify-content: center;
```

```
align-items:center;
```

```
background-image: url('C:\Users\mahal\Downloads\bg.gif');
```

```
background-repeat:no-repeat;
```

```
background-size:cover;
```

```
}  
.sign-up{ position:  
    relative; left: -  
    250px;  
width:50%;  
display:flex;  
flex-direction:column;  
align-items: center;  
  
}  
.text-container{  
    position: relative;  
    top:-100px; padding-bottom:-50px;  
width:50%;  
height:100%;  
display:flex;  
flex-direction:column;  
justify-content: center;  
align-items: center;  
margin-left:700px;  
margin-bottom:-10px;  
top:-40px  
  
}  
.heading{  
    font-family:calibri;  
color:rgba(30,30,30,1); position:  
relative;  
left:80px ;  
}  
.text{  
width:350px;  
height:50px;  
box-shadow:2px 6px 18px rgba(66,57,238,0.3);  
border-radius: 30px;  
display:flex;  
align-items:center;
```

```
margin:10px;
} .text
input{
height:40px;
width:80%;
outline:none;
border:none;
font-size:14px;
margin:5px;
}
.text img{
margin-left:20px;
}
.conditions{
font-family:myriad pro;
color:#bbc1cb;
font-size:14px;
}
.trems{
top:20px ;
position: relative; left:37px ;

display: flex;
align-items:center;
}
.conditions a{
color:#7d22e3;
font-weight:500;
}
button{ width:200px;
height:40px;
outline:none;
border:none;
border-radius:20px;
background:linear-gradient(-30deg,#3b02ed,#8e2ae0 55%);
box-shadow:2px 6px 16px rgba(66,57,238,0.3);
color:#FFFFFF;
```

```

font-weight:600;
letter-spacing:1px;
font-weight: 13px;
}
button:active{
transform:scale(1.1);
}
.text-container p{
width:70%;
text-align: center;
font-family:arial;
font-size: 15px;
font-weight: 400;
line-height:0px;
}
ul { position:relative; top:40px; left:25%;
      right:100px; transform: translate(-
      50%, -50%); margin: 75px;
      padding:0; display:flex;
      flex:auto;
    }
ul li {
      list-style: none;
    }
ul li a {
      position: relative; width:60px; height:60px;
      display:block; text-align:center; margin:0 10px;
      border-radius: 50%; padding: 6px; box-sizing:
      border-box; text-decoration:none; box-shadow:
      0 10px 15px rgba(0,0,0,0.3); background: linear-
      gradient(0deg, #ddd, #fff);
      transition: .5s;
    }
ul li a:hover { box-shadow: 0 2px 5px
      rgba(0,0,0,0.3); text-decoration:none;
    }

```

```
ul li a .fab {  
    width: 100%; height:100%;  
    display:block;  
    background: linear-gradient(0deg, #fff, #ddd);  
    border-radius: 50%; line-height: calc(60px -  
    12px); font-size:24px; color: #262626;  
    transition: .5s;  
}
```

```
ul li:nth-child(1) a:hover .fab { color:  
    #3b5998;  
}
```

```
ul li:nth-child(2) a:hover .fab { color:  
    #00aced;  
}
```

```
ul li:nth-child(3) a:hover .fab {  
    color: #dd4b39;  
}
```

```
ul li:nth-child(4) a:hover .fab {  
    color: #007bb6;  
}
```

```
ul li:nth-child(5) a:hover .fab { color:  
    #e4405f;  
}
```

```
.toop{  
    position: relative;  
    top: 20px;  
    left: 75px;  
}
```

```
.check{  
    position: relative;  
    top: -8px;  
left: -5px;  
}
```



```
.para{
    position: relative;
    top: 0px;
    left: -45px;
}
.diag{
    position: relative;

    top:0px;
    margin: 0px;
    padding: 0px;
    left:-10px;
}
.fig1{
    position: relative;
    size:200%;
}
#png{
    position: relative;
    left: -270px;
    top: -45px;

}
.or{
    position: relative;
    left:180px;
}
.s1{
    position: relative;
    left: 140px;
}
.t{
    position: relative;
    left:-100px ;
    top:10px;
}
```

login1.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Animated Login Form</title>
    <link rel="stylesheet" type="text/css"
href="C:\Users\mahal\Desktop\Templates\static\login1.css">
    <link href="https://fonts.googleapis.com/css?family=Poppins:600&display=swap"
rel="stylesheet">
    <script src="https://kit.fontawesome.com/a81368914c.js"></script>
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head> <body
>
    
    <div class="container">

        <div class="img">
            <div id="png"><a href="/" title="HOME"></a></div>
            
        </div>

        <div class="login-content">

            <form action="/login" method="POST">
                <div class="msg">{{msg}}</div>
                
                <h2 class="title">Welcome</h2>
            <div class="input-div one">
                <div class="i">
                    <i class="fas fa-user"></i>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```

```

        <div class="div">
            <h5>Username</h5>
            <input type="text" name="username" class="input" required> </div>
        </div>
        <div class="input-div pass"> <div
        class="i">
            <i class="fas fa-lock"></i>
        </div>
        <div class="div">
            <h5>Password</h5>
            <input type="password" name="password" class="input" required> </div>
        </div>
        <a href="#">Forgot Password?</a>
        <input type="button" onclick="parent.location='base1.html'" class="btn btn-primary"
value="Login">

        <span>OR</span>

        <div><b>Login with</b></div> <div>
            <ul>
                <li><a href="#"><i class="fab fa-facebook" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-twitter" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-google" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-linkedin" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-instagram" aria-
hidden="true"></i></a></li>
            </ul>
        </div>
        <div class="app" ><b>Don't have an account?</b><a id="app1"
href="signup1.html">REGISTER.here</a></div>
    </form>

</div>

```

</div>

<script type="text/javascript" src="C:\Users\mahal\Desktop\Templates\static\login1.js"></script>

</body>

</html>

login1.css

```
*{ padding: 0;
    margin: 0;
    box-sizing: border-box;
}
```

```
body{
    font-family: 'Poppins', sans-serif;
    overflow: hidden;
}
```

```
.wave{ position: fixed;
        bottom: 0;
        left: 0;
        height: 100%;
        z-index: -1;
}
```

```
.container{
    width: 100vw;
    height: 100vh;
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    grid-gap :7rem;
    padding: 0 2rem;
}
```

```
.img{ display: flex; justify-content:
        flex-end;
        align-items: center;
}
```

```
.login-content{ display: flex; justify-
    content: flex-start; align-
    items: center;
    text-align: center;
}
.img img{ width:
    500px;
}

form{ width: 360px;
}
.login-content img{
    height: 100px;
}
.login-content h2{ margin: 15px 0;
    color: #333; text-transform:
    uppercase;
    font-size: 2.9rem;
}

.login-content .input-div{ position:
    relative;
    display: grid;
    grid-template-columns: 7% 93%;
    margin: 25px 0;
    padding: 5px 0;
    border-bottom: 2px solid #d9d9d9;
}
.login-content .input-div.one{ margin-top: 0;
}
.i{
    color: #d9d9d9; display:
    flex; justify-content:
    center;
    align-items: center;
}
.i i{
    transition: .3s;
```

```
}
```

```
.input-div > div{  
  position: relative; height:  
    45px;  
}
```

```
.input-div > div > h5{ position:  
  absolute; left: 10px; top: 50%;  
  transform: translateY(-50%);  
  color: #999; font-size: 18px;  
  transition: .3s;  
}
```

```
.input-div:before, .input-div:after{ content: ""; position: absolute; bottom: -2px; width: 0%; height: 2px;  
  background-color: #38d39f; transition:  
    .4s;  
}
```

```
.input-div:before{ right:  
  50%;  
}
```

```
.input-div:after{ left:  
  50%;  
}
```

```
.input-div.focus:before, .input-div.focus:after{ width:  
  50%;  
}
```

```
.input-div.focus > div > h5{ top: -  
  5px;  
  font-size: 15px;  
}
```

```
.input-div.focus > .i > i{ color:  
  #38d39f;  
}
```

```
.input-div > div > input{ position:
    absolute;
    left: 0; top: 0; width:
    100%; height: 100%;
    border: none; outline:
    none; background: none;
    padding: 0.5rem 0.7rem;
    font-size: 1.2rem;
    color: #555;
    font-family: 'poppins', sans-serif;
```

```
}
```

```
.input-div.pass{ margin-bottom:
    4px;
```

```
}
```

```
a{ display: block; text-align:
    right; text-decoration:
    none; color: #999; font-
    size: 0.9rem;
    transition: .3s;
```

```
}
```

```
a:hover{ color: #38d39f;
```

```
}
```

```
.btn{ display: block; width:
    100%; height: 50px;
    border-radius: 25px;
    outline: none;
    border: none;
    background-image: linear-gradient(to right, #32be8f, #38d39f, #32be8f);
    background-size: 200%; font-size: 1.2rem; color: #fff;
    font-family: 'Poppins', sans-serif;
    text-transform: uppercase;
    margin: 1rem 0; cursor: pointer;
    transition: .5s;
```

```
}
```

```
.btn:hover{ background-position:
    right;
```

```
}
```

```
@media screen and (max-width: 1050px){  
    .container{ grid-gap:  
        5rem;  
    }  
}
```

```
@media screen and (max-width: 1000px){  
    form{ width: 290px;  
    }  
    .login-content h2{  
font-size: 2.4rem;  
margin: 8px 0;  
    }  
    .img img{ width:  
        400px;  
    }  
}
```

```
@media screen and (max-width: 900px){  
    .container{ grid-template-columns:  
        1fr;  
    }  
    .img{ display: none;  
    }  
    .wave{ display: none;  
    }  
    .login-content{ justify-content:  
        center;  
    }  
}
```

```
.container{  
    overflow:scroll  
}
```

```
.container::-webkit-scrollbar {  
    display: none;  
}
```



```

ul { position:relative; top:-20px; left:0%;
      right:10%; transform: translate(-
      50%, -50%); margin: 75px;
      padding:0; display:flex;
      flex:auto;
    }
ul li {
      list-style: none;
    }
ul li a {
      position: relative; width:60px; height:60px;
      display:block; text-align:center; margin:0 10px;
      border-radius: 50%; padding: 6px; box-sizing:
      border-box; text-decoration:none; box-shadow:
      0 10px 15px rgba(0,0,0,0.3); background: linear-
      gradient(0deg, #ddd, #fff);
      transition: .5s;
    }

ul li a:hover { box-shadow: 0 2px 5px
      rgba(0,0,0,0.3); text-decoration:none;
    }

ul li a .fab {
      width: 100%; height:100%;
      display:block;
      background: linear-gradient(0deg, #fff, #ddd);
      border-radius: 50%; line-height: calc(60px -
      12px); font-size:24px; color: #262626;
      transition: .5s;
    }

ul li:nth-child(1) a:hover .fab { color:
      #3b5998;
    }

ul li:nth-child(2) a:hover .fab { color:
      #00aced;
    }

```

```
ul li:nth-child(3) a:hover .fab { color:
    #dd4b39;
}
```

```
ul li:nth-child(4) a:hover .fab { color:
    #007bb6;
}
```

```
ul li:nth-child(5) a:hover .fab { color:
    #e4405f;
}
```

```
.app{
    position: relative;
    top: -70px;
    height: 5%;
```

```
}
#app1{
    font-style: oblique;
    color:blue ;
}
```

```
#png{
    position: relative;
    top: -300px;
    right: 50px;
```

```
}
```

login1.js

```
const inputs = document.querySelectorAll(".input");
function addcl(){ let parent =
this.parentNode.parentNode;
parent.classList.add("focus");
}
```

```

function remcl(){ let parent =
    this.parentNode.parentNode; if(this.value
    == ""){ parent.classList.remove("focus");
    }
}
inputs.forEach(input => { input.addEventListener("focus",
    addcl);
    input.addEventListener("blur", remcl);
});

```

db - mike.py

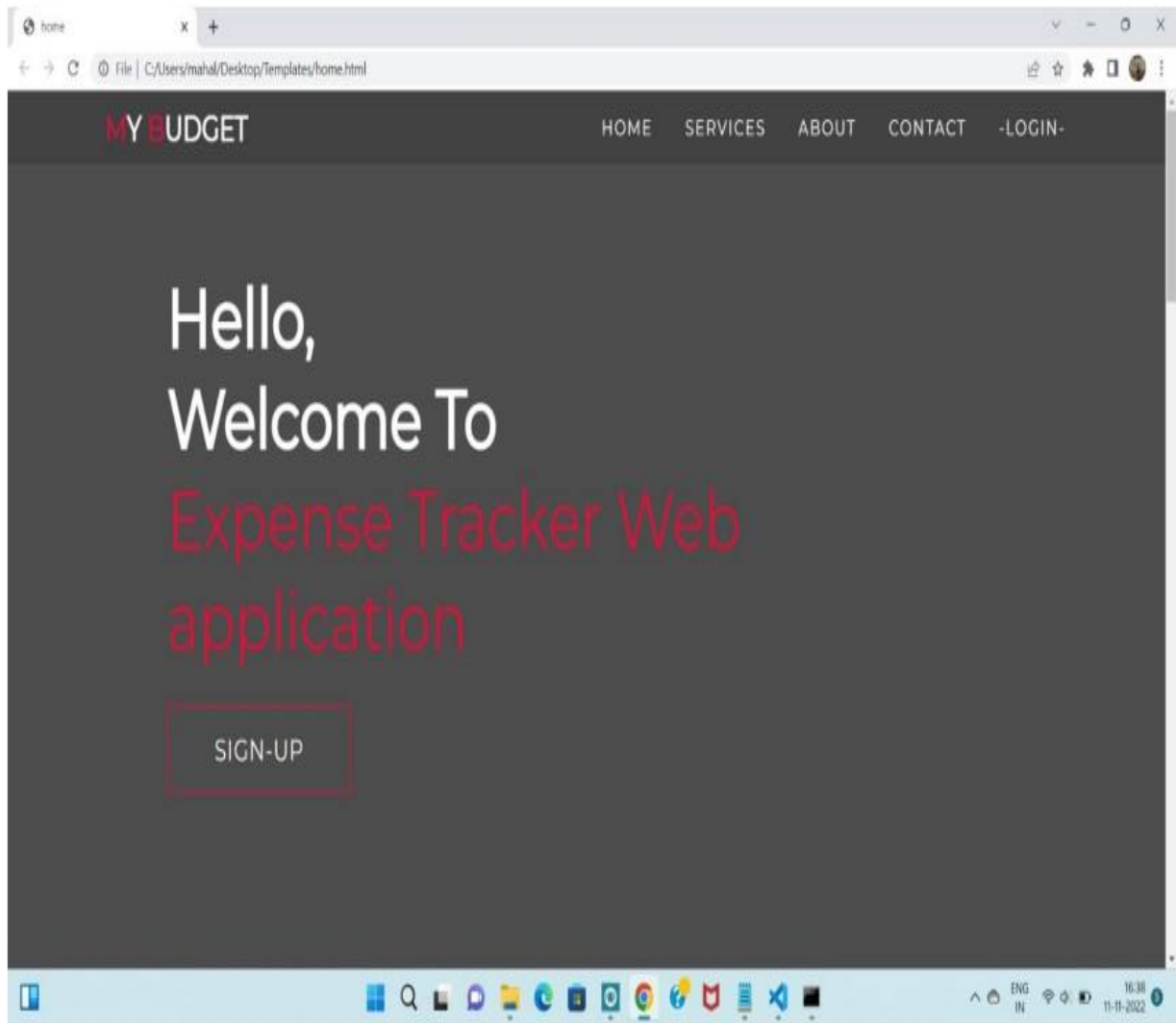
```

from flask import Flask, render_template, request, redirect, session import ibm_db conn =
ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=vpq40294;PWD=2LZdL55bbMzhzKmr","") import
re app = Flask(__name__)
app.secret_key = 'a'
#HOME--PAGE
@app.route("/home") def
home():
    return render_template("homepage.html")
@app.route("/") def
add():
    return render_template("home.html")
#SIGN--UP--OR--REGISTER @app.route("/signup")
def signup():
    return render_template("signup.html")

```

OUTPUT SCREENSHOT

Home Page



Signup Page

Sign-up

File | C:/Users/mahal/Desktop/Templates/signup.html

Home

Hello, Friend

maha

maha@gmail.com

.....

OR

Sign-up with

f t G in

☒ I read and agree to Terms & Conditions

CREATE ACCOUNT

Already have an account? [Log in](#)

Glad to see you

Welcome, Please Fill in the blanks for sign up

ENG IN 16:44 11-11-2022

Login Page

3. Once the user created account he/she will be redirected to login page

Animated Login Form

File | C:/Users/mahal/Desktop/Templates/login.html

Home

WELCOME

Username

maha

Password

.....

[Forgot Password?](#)

LOGIN

OR

Login with

f t G in

Don't have an account? [REGISTER here](#)

ENG IN 16:41 11-11-2022

Db2

VPQ40294.USER

Back



Export to CSV

USERNAME	EMAIL	PASSWORD
maha	maha@gmail.com	maha
maha	lokhitaraian@gmail.com	maha@12345

7.2 FEATURE 2

DASHBOARD

The user can start their journey by using our budget tracking app dashboard by clicking let's begin button in the dashboard page (**base1.html**)

ADD EXPENSE

For adding expense in our app first fill the details like date, expense name, expense amount then choose payment method etc. and then click the add button it will be redirect to a page where we can add our expense(**add1.html**)

DISPLAY

The user's added expenses are stored in the history and it will be display all the expenses(**display1.html**)

EDIT

The user can also edit or delete the expense they added.Once the user updated it will go back to show the history of expense(**edit1.html**)

BUDGET LIMIT

The user can enter the budget limit to avoid over expenses(**limit1.html**)

CODING

base1.html

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIkz4rEkgIXeMed4M0JlflDPvg6uqKI2xXr2" crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPLYxofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>

<link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>

  <title>base</title>
</head>
<body>
  <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
    <a class="navbar-brand" href="#">MyBudget</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
          <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
        </li>
```

```

<li class="nav-item">
  <a class="nav-link" href="add1.html">Add</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="display1.html">History</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="limit1.html">LIMIT</a>
</li>
<li class="nav-item dropdown">
  <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
  datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
    Report
  </a>
  <div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="today1.html">TODAY</a>
    <a class="dropdown-item" href="month1.html">Month</a>

    <a class="dropdown-item" href="year1.html">Year</a>
  </div>
</li>
</ul>
<div class="form-inline my-5 my-lg-1" style="position: absolute; left: 1250px;">
<ul class="navbar-nav mr-auto " > <li class="nav-item dropdown btn-group open">
  <a class="btn btn-primary" href="#"><i class="fa fa-user fa-fw"></i>User </a> <a
class="btn btn-primary dropdown-toggle "href="#" id="navbarDropdown"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
</a>

  <div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="#">Profile</a>
    <a class="dropdown-item" href="#">Settings</a>
    <a class="dropdown-item" href="#">Contact-Us</a>
    <div class="dropdown-divider"></div>
    <a class="dropdown-item" style="color: darkred;" href="/logout1">Log-Out <i class="fa fasign-
out" aria-hidden="true"></i></a>
  </div>
</li>

```



```

    <div>
    </ul>
  </div>
</div>
</nav>
<div id=aa class="container">
  <div class="ccc">
    
    <h1>LET START JOURNEY</h1>
    <P>MyBudget web application helps<br> you to maintain budget<br>
      and analyse the expense</P>
    
  </div>
  <br>
  <br>
  <br>
  <span class="btn btn-outline-dark">Let's Begin</span>
</br>
</br>
</br>
</div>
<style>

```

```

H1 {
  position: relative;
  right: -790PX;
  top: -400PX;
  color: RED;

}

```

```

p{ position:
relative; right: -
800px; top: -
350px;
font-family:monospace;

```

```

}

span{
  position: relative; right: -
800px;
top: -360px;
}

.ccc {
  position: relative;
  top:80px;
  left:-100px;
}
</style>
{% block body %}
{% endblock %}
</body>
</html>

```

add1.html

```

{% extends 'base.html' %}
{% block body %}
<head>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0JlfiDPvg6uqKI2xXr2" crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>

  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VVKalzap3H66lZH81PoYIFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>

  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtoBvfO8shuf57BaghqFfPIYxofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>

```

```
<link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
```

```
</head>
```

```
<body>
```

```
<nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
  <a class="navbar-brand" href="#">MyBudget</a>
  <button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>
```

```
<div class="collapse navbar-collapse" id="navbarSupportedContent">
  <ul class="navbar-nav mr-auto">
    <li class="nav-item active">
      <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="add1.html">Add</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="display1.html">History</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="limit1.html">LIMIT</a>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Report
      </a>
      <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="today1.html">TODAY</a>
        <a class="dropdown-item" href="month1.html">Month</a>
```

```

        <a class="dropdown-item" href="year1.html">Year</a>
    </div>
</li>
</ul>
</div>
</div>
</nav>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
</head>

<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h3>Add Expense</h3>
            <form action="addexpense" method="POST">

                <div class="form-group">
                    <label for="">Date</label>
                    <input class="form-control" type="datetime-local" name="date" id="date"></div>
                <div class="form-group"> <label for="">Expense name</label>
                    <input class="form-control" type="text" name="expensename" id="expensename">
                </div>
                <div class="form-group">
                    <label for="">Expense Amount</label>
                    <input class="form-control" type="number" min="0" name="amount" id="amount">
                </div>
            <br></br>
            <div class="form-group">
                <label for=""></label>
                <select class="form-control" name="paymode" id="paymode">
                    <option selected hidden>Pay-Mode</option>
                    <option name="cash" value="cash">cash</option>

```

```
<option name="debitcard" value="debitcard">debitcard</option>  
    <option name="creditcard" value="creditcard">creditcard</option>  
    <option name="epayment" value="epayment">epayment</option>  
    <option name="onlinebanking" value="onlinebanking">onlinebanking</option>  
</select>  
<br>  
</br>  
    <div class="form-group">  
        <label for=""></label>  
        <select class="form-control" name="category" id="category">  
  
            <option selected hidden>Category</option>  
            <option name = "food" value="food">food</option>  
            <option name = "entertainment" value="entertainment">Entertainment</option>  
            <option name = "business" value="business">Business</option>  
            <option name = "rent" value="rent">Rent</option>  
            <option name = "EMI" value="EMI">EMI</option>  
            <option name = "other" value="other">other</option>  
        </select>  
    </div>  
    <input class="btn btn-danger" onclick="parent.location='display1.html'" type="button"  
value="Add" id="">  
</form>  
    <div style="position: relative; left: 590px; top: -460px;" class="image">  
          
    </div>  
</div>  
</div>  
{% endblock %}  
</div>  
</div>  
</div>  
</div>  
{% endblock %}
```

display1.html

```
{% extends 'base.html' %}
{% block body %}
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
    <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
        <a class="navbar-brand" href="#">MyBudget</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto">
                <li class="nav-item active">
                    <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="add1.html">Add</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="display1.html">History</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="limit1.html">LIMIT</a>
                </li>
                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
                        Report
                    </a>
                    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
                        <a class="dropdown-item" href="today1.html">TODAY</a>
                    </div>
                </li>
            </ul>
        </div>
    </nav>
</body>
</html>
```

```

        <a class="dropdown-item" href="month1.html">Month</a>
        <a class="dropdown-item" href="year1.html">Year</a>
    </div>
</li>
</ul>
</div>
</nav>
<div class="container ">
    <h3 class="mt-3">EXPENSES</h3>
    {% if expense is defined %}
    {% for row in expense %}
    <div class="row">
        <div class="col-md-12">
    <div class="row">
        <div class="col-md-12">
            <div class="card shadow-sm mb-2 bg-white rounded"></div>
            <div class="card-body">
                <div class="row">
                    <div class="col-md-2">
                        <span class="btn btn-outline-dark">{{row[2]}}</span> </div>
                    <div class="col-md-2 mt-3"><H6>{{row[3]}}</H6></div>
                    <div class="col-md-2 mt-3"> ₹<span style=" color: rgb(255, 0, 0) "> {{row[4]}} </div>
                    <div class="col-md-2 mt-3">
                        <span class="badge badge-pill badge-info">{{row[5]}}</span>
                    </div>
                    <div class="col-md-2 mt-3">
                        <span class="badge badge-primary">{{row[6]}}</span>
                    </div>
                    <div class="col-md-1 mt-3">
                        <a href="edit1.html" class="btn btn-sm btn-success">Edit</a>
                    </div>
                    <div class="col-md-1 mt-3">
                        <a href="delete/{{row[0]}}" class="btn btn-sm btnDelete btn-
success">Delete</a>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

    </div>
</div>
<!--when no DATA-Found-->
{% else %}
<div class="card shadow-sm mb-2 bg-white rounded"></div>
<div class="card-body">
<div style="text-align: center ; font-family: monospace; color:red ; "><h5><a href="add1.html"> ADD-
DATA </a> to Display</h3></div>

</div>
{% endfor %}
{% endif %}
<div class="row">
<div class="col-md-6">
<h3 class="mt-5">Expense Breakdown</h3>
<div class="card shadow mb-2 bg-white rounded-bottom">
<div class="card-body ">
<div class="row">
<div class="col-md-6">Food</div>
<div id="tfood" class="col-md-6"> {{ t_food}} </div>
</div>
</div>
</div>
<div class="card shadow mb-2 bg-white rounded">
<div class="card-body">
<div class="row">
<div class="col-md-6">Entertainment</div>
<div id="tentertainment" class="col-md-6"> {{ t_entertainment}} </div>
</div>
</div>
</div>
<div class="card shadow mb-2 bg-white rounded">
<div class="card-body">
<div class="row">
<div class="col-md-6">Business</div>
<div id="tbusiness" class="col-md-6"> {{t_business}} </div>

```



```

    </div>
  </div>
</div>
<div class="card shadow mb-2 bg-white rounded">
  <div class="card-body">
    <div class="row">
      <div class="col-md-6">Rent</div>
      <div id="trent" class="col-md-6">{{ t_rent }} </div>
    </div>
  </div>
</div>
<div class="card shadow mb-2 bg-white rounded">
  <div class="card-body">
    <div class="row">
      <div class="col-md-6">EMI</div>
      <div id="temi" class="col-md-6">{{ t_EMI }} </div>
    </div>
  </div>
</div>
<div class="card shadow mb-2 bg-white rounded">
  <div class="card-body">
    <div class="row">
      <div class="col-md-6">Other</div>
      <div id="tother" class="col-md-6">{{ t_other }}</div>
    </div>
  </div>
</div>
<div class="card shadow mb-2 btn-outline-danger rounded-pill">
  <div class="card-body">
    <div class="row">
      <div class="col-md-6">Total</div>
      <div class="col-md-6">₹ {{total}} </div>
    </div>
  </div>
</div>
</div>
<div class="col-md-6">

```

```

<canvas id="myChart" width="400" height="400"></canvas>
<script>
  let food = document.getElementById('tfood').innerHTML
  let entertainment = document.getElementById('tentertainment').innerHTML
  let business = document.getElementById('tbusiness').innerHTML
  let rent = document.getElementById('trent').innerHTML
  let emi = document.getElementById('temi').innerHTML
  let other = document.getElementById('tother').innerHTML
var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
  type: 'doughnut',
  data: {
    labels: ['Food', 'Entertainment', 'Business', 'Rent', 'EMI', 'Other'],
    datasets: [{
      label: 'Expenses Chart',
      data: [food, entertainment, business, rent, emi, other],
      backgroundColor: [
        'rgb(255, 99, 132)',
        'rgb(0, 0, 0)',
        'rgb(255, 205, 86)',
        'rgb(201, 203, 207)',
        'rgb(54, 162, 235)',
        'rgb(215, 159, 64)'
      ],
    ]
  }
},
  options: {
    responsive: true,
    plugins: {
legend: {
  position: 'bottom',
},
title: {
  display: true,
  text: 'EXPENSE BREAKDOWN'
}
}
}

```

```

    }
  });
</script>
</div>
</div>
{% endblock %}

```

edit1.html

```

{% extends 'base.html' %}
{% block body %}
<head>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0JlflDPvg6uqKI2xXr2"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VKA1Zap3H66lZ81PoYfHbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSDuTObvF08shuf57BaghqFfPLYxofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>
  <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
</head>
<div class="container">
  <div class="row">
    <div class="col-md-6">
      <h3>Edit Expense</h3>
      <form action="/update/{{expenses[0]}}" method="POST">

```

```

        <input type="hidden" class="form-control" name="" value = "{{expenses[0]}}" id="">
<div class="form-group">
    <label for="">Date</label>
    <input class="form-control" type="datetime-local" name="date" value="{{expenses[2]}}"
id="date"></div>
    <script type="text/javascript">
        var d = new Date(value="{{expenses[2]}}" );
        var elem = document.getElementById("date");
        elem.value = d.toISOString().slice(0,16);
    </script>
    <div class="form-group"> <label for="">Expense name</label>
        <input class="form-control" type="text" name="expensename"
value="{{expenses[3]}}" id="expensename">
    </div>
    <div class="form-group">
        <label for="">Expense Amount</label>
        <input class="form-control" type="number" min="0" name="amount"
value="{{expenses[4]}}" id="amount">
    </div>
    <div class="form-group">
        <label for=""></label>
        <select class="form-control" name="paymode" value="{{expenses[5]}}" id="paymode">
            <option selected hidden>{{expenses[5]}}</option>
            <option value="cash">cash</option>
            <option value="debitcard">debitcard</option>
            <option value="creditcard">creditcard</option>
            <option value="epayment">epayment</option>
            <option value="onlinebanking">onlinebanking</option>
        </select>
    <div class="form-group">
        <label for=""></label>
        <select class="form-control" name="category" value="{{expenses[6]}}" id="category">
            <option selected hidden>{{expenses[6]}}</option>
            <option value="food">food</option>
            <option value="entertainment">Entertainment</option>
            <option value="business ">Business</option>
            <option value="rent">Rent</option>
            <option value="EMI">EMI</option>

```

```

        <option value="other">other</option>
    </select>
</div>
    <input class="btn btn-danger" onclick="parent.location='display1.html'" type="button"
value="Update" id="">
    </form>
</div>
</div>
</div>
{% endblock %}

```

limit1.html

```

{% extends 'base.html' %}
{% block body %}
<head>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0JlflDPvg6uqKI2xXr2" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfxDz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VVKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPIYxofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
    <title>base</title>
</head>
<body>
    <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
        <a class="navbar-brand" href="#">MyBudget</a>

```

```

<button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent">    <ul
class="navbar-nav mr-auto">
    <li class="nav-item active">
        <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="add1.html">Add</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="display1.html">History</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="limit1.html">LIMIT</a>
    </li>
    <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Report
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="today1.html">TODAY</a>
            <a class="dropdown-item" href="month1.html">Month</a>
            <a class="dropdown-item" href="year1.html">Year</a>
        </div>
    </li>
</ul>
    <div class="form-inline my-5 my-lg-1" style="position: absolute; left: 1250px;">
    <ul class="navbar-nav mr-auto " > <li class="nav-item dropdown btn-group open">
        <a class="btn btn-primary" href="#"><i class="fa fa-user fa-fw"></i>User </a> <a
class="btn btn-primary dropdown-toggle "href="#" id="navbarDropdown"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
    </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">

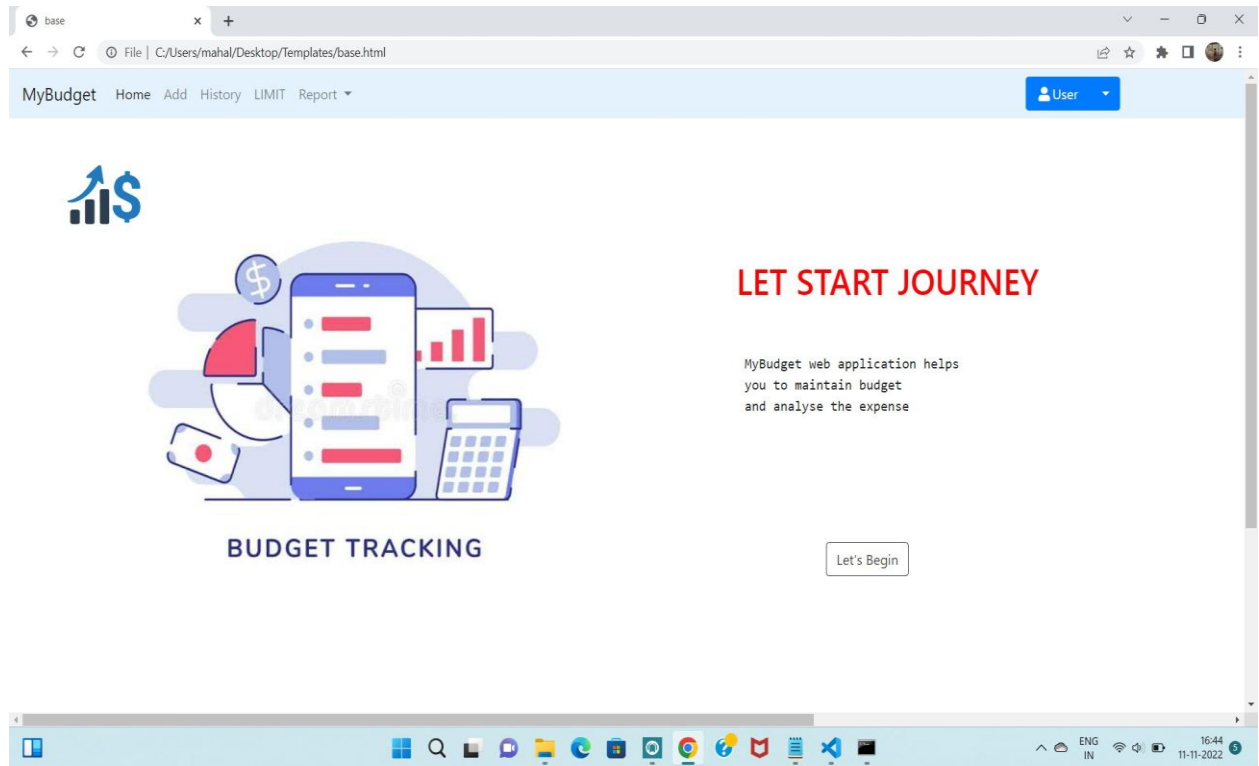
```

```

        <a class="dropdown-item" href="#">Profile</a>
        <a class="dropdown-item" href="#">Settings</a>
        <a class="dropdown-item" href="#">Contact-Us</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" style="color: darkred;" href="/logout1">Log-Out <i class="fa fasign-
out" aria-hidden="true"></i></a>
    </div>
</li>
<div>
</ul>
</div>
</div>
</nav>
<body>
<p> Currently your MONTHLY limit is ₹ </p>
<form action="/limitnum" method="POST">
    <p> ENTER the MONTHLY LIMIT to avoid over EXPENSES</p> <br/>
    <input type="number" name="number" required/> <span>
        <button class="btn btn-warning" type="submit">ENTER</button>    </span>
</body>
</form>
{% endblock %}

```

Dashboard Page



Add Expense Page

add.html

File | C:/Users/mahal/Desktop/Templates/add.html

MyBudget Home Add History LIMIT Report

Add Expense

Date: 11-11-2022 16:45


Expense name: biryani

Expense Amount: 1600

debitcard

food

Add



16-46 11-11-2022

Display Page

display1.html

File | C:/Users/mahal/OneDrive/Desktop/sam/display1.html

MyBudget Home (current) Add History LIMIT Report

EXPENSES

2022-11-16 11:30:17	biryani	₹ 150	cash	food	Edit	Delete
2022-9-19 16:37:56	laptop	₹ 150000	debitcard	EMI	Edit	Delete
2022-10-15 11:30:17	Television	₹ 25000	epayment	entertainment	Edit	Delete
2022-12-31 09:35:15	project	₹ 10000	creditcard	business	Edit	Delete
2022-11-26 15:12:53	rent	₹ 5000	onlinebanking	rent	Edit	Delete
2022-11-16 11:30:17	miscellaneous	₹ 8500	cash	other	Edit	Delete

26°C Mostly cloudy 20:34 18-11-2022

Edit Page

edit.html

File | C:/Users/mahal/Desktop/Templates/edit.html

Edit Expense

Date
23-11-2022 16:48

Expense name
appliances

Expense Amount
160000

debitcard

EMI

Update

11-11-2022 16:48

Budget Limit Page

limit.html

File | C:/Users/mahal/OneDrive/Desktop/sam/limit1.html

MyBudget Home Add History LIMIT Report

ENTER the MONTHLY LIMIT to avoid over EXPENSES

60000 ENTER

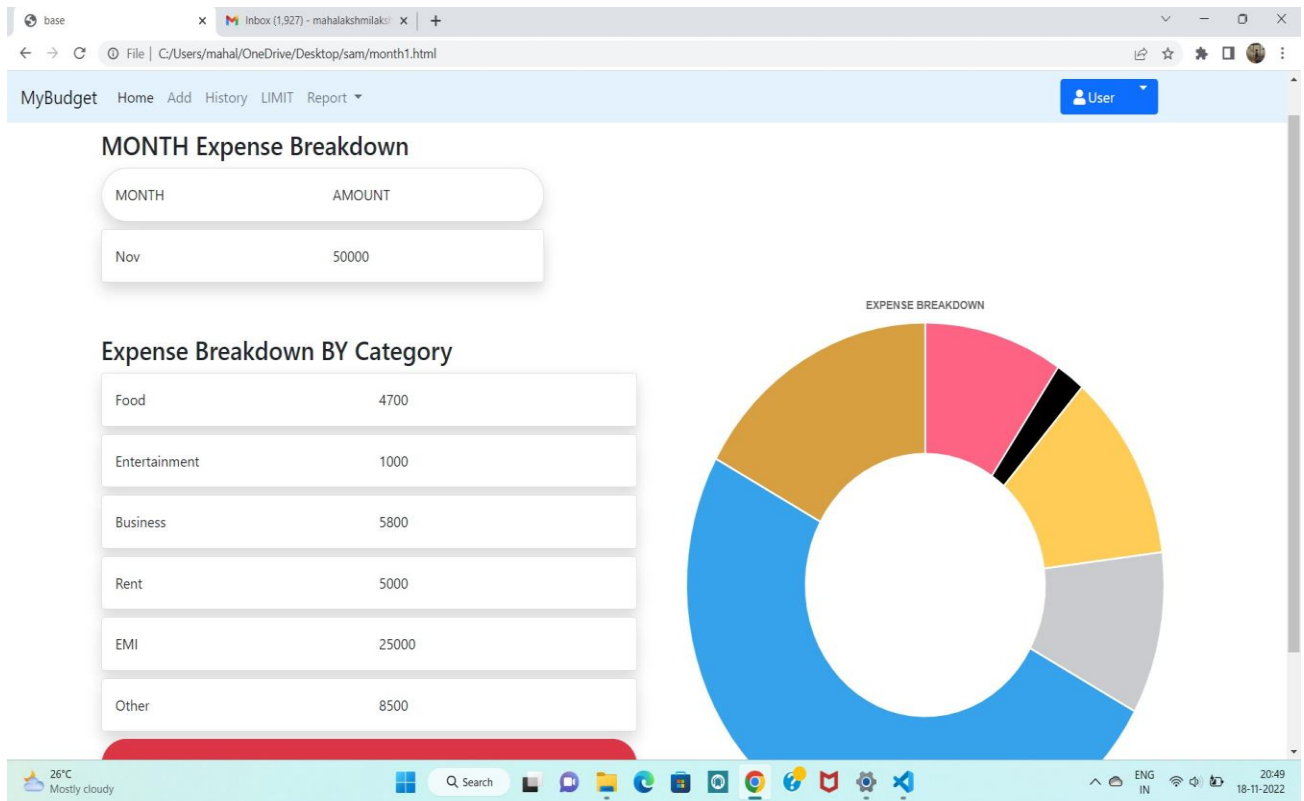
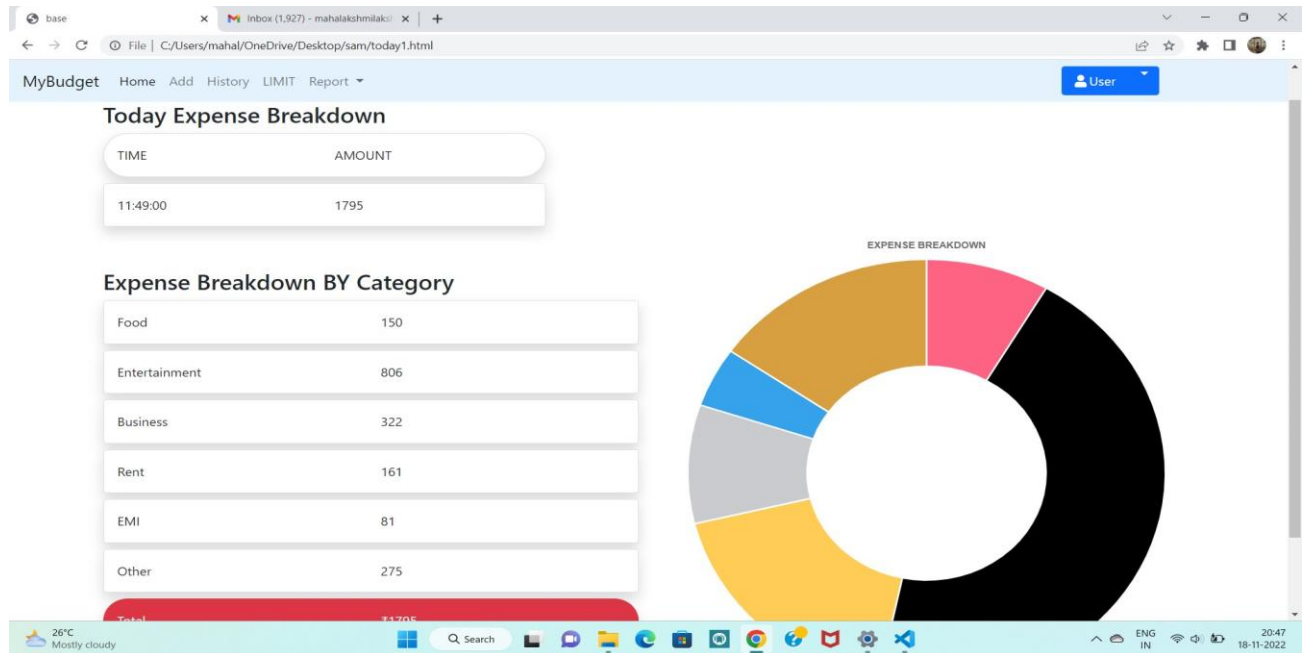
This page says
Currently your MONTHLY limit is 160000

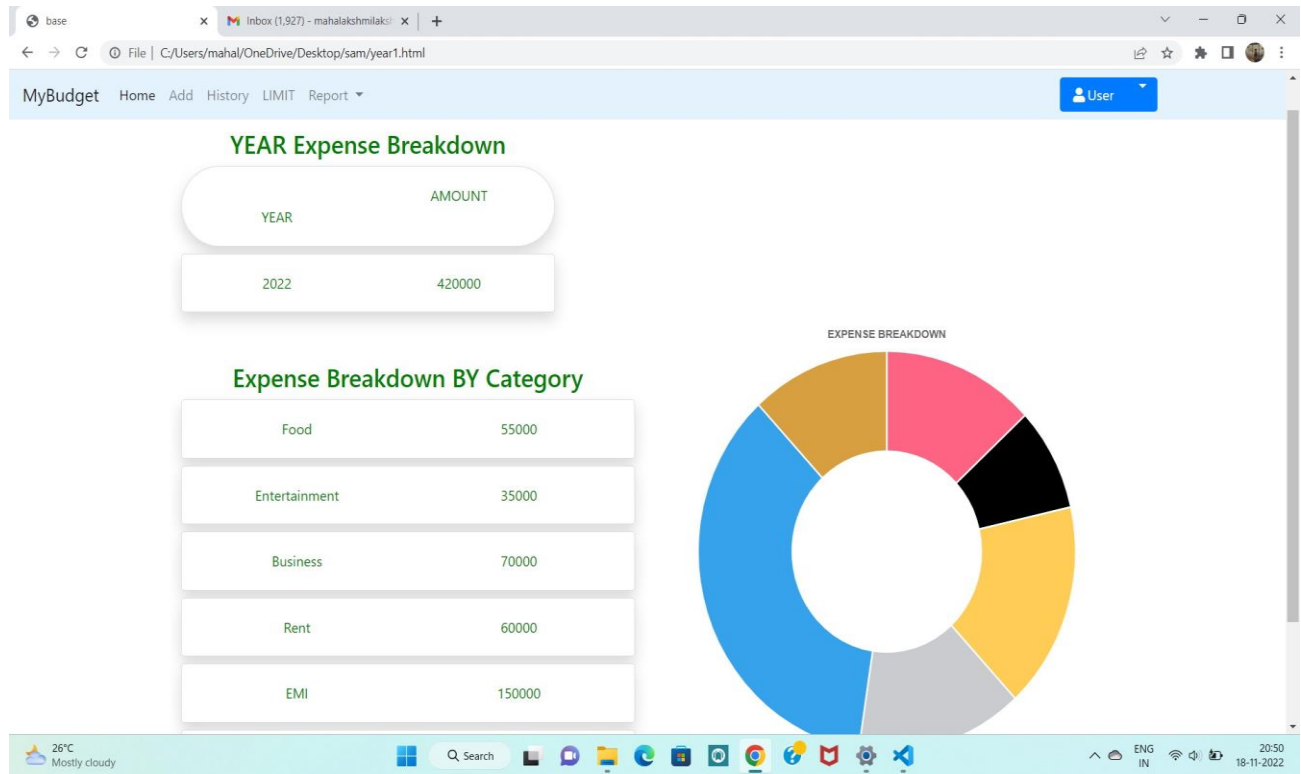
OK

User

15-11-2022 22:41

Report





Requirements.txt

Flask
requests
flask_db2
DB2 ibm_db
jsonify
sendgrid
Docker
Kubernetes

deployment.yaml

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: maha-maha-deployment
spec:
  replicas: 1
  selector:
```

```
matchLabels:
  app: maha
template:
  metadata:
    labels:
      app: maha
  spec:
    containers:
- name: flasknode
  image: icr.io/maha_expense_tracker2/flask-template2
  imagePullPolicy: Always
  ports:
- containerPort: 5000
```

flask-service.yaml

```
apiVersion: v1 kind:
Service metadata: name:
flask-app-service spec:
  selector:
    app: flask-app
  ports:
- name: http
  protocol: TCP
  port: 80
  targetPort: 5000
  type: LoadBalancer
```

Dockerfile

```
FROM python:3.6
WORKDIR /app
ADD . /app
COPY requirements.txt /app
RUN python3 -m pip install -r requirements.txt
RUN python3 -m pip install ibm_db
EXPOSE 5000
```

CMD ["python","hi.py"]

manifest.yml

applications:

- name: Python Flask App IBCMR 2022-10-19
- random-route: true
- memory: 512M
- disk_quota: 1.5G

deployment in kubernetes

The screenshot shows the IBM Kubernetes Dashboard interface. The top navigation bar includes the 'kubernetes' logo and a search bar. The left sidebar lists various Kubernetes resources under three main categories: Workloads, Service, and Config and Storage. The main content area is titled 'Overview' and displays a 'Workload Status' section. This section features three large green circles, each representing a different workload component: Deployments, Pods, and Replica Sets. Each circle is accompanied by the text 'Running: 1', indicating that one instance of each is running. Below the status section, there is a table with columns for Name, Images, Labels, Pods, and Created. The table contains one entry for the workload 'maha', which has a green status icon, a 'Show all' link for images, another 'Show all' link for labels, '1 / 1' pods, and was created '31 minutes ago'. At the bottom of the dashboard, there is a 'Pods' section. The Windows taskbar at the very bottom shows the system clock as 16:30 on 19-11-2022.

Name	Images	Labels	Pods	Created
● maha	Show all	Show all	1 / 1	31 minutes ago

7.3 DATABASE SCHEMA (if Applicable)

app.py

```
from flask import Flask, render_template, request, redirect, session
import re from base import DB2 from flask_db2 import DB2 import
ibm_db import ibm_db_dbi
from sendgrid import sendgridmail, sendmail
import os app = Flask(__name__)
app.secret_key = 'a'
"""
dsn_hostname = "9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"
dsn_uid = "vpq40294" dsn_pwd = "2LZdL55bbMzhzKmr" dsn_driver =
"{IBM DB2 ODBC DRIVER}" dsn_database = "bludb" dsn_port = "32459"
dsn_protocol = "tcpip" dsn = ( "DRIVER={0};"
"DATABASE={1};"
"HOSTNAME={2};"
"PORT={3};"
"PROTOCOL={4};"
"UID={5};"
"PWD={6};"
).format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol, dsn_uid, dsn_pwd)
"""
app.config['database'] = 'bludb' app.config['hostname'] =
'9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
app.config['port'] = '32459' app.config['protocol']
= 'tcpip' app.config['uid'] = 'vpq40294'
app.config['pwd'] = '2LZdL55bbMzhzKmr'
app.config['security'] = 'SSL'
try:
    mysql = DB2(app)
    conn_str='database=bludb;hostname=9938aec0-8105-433e-
8bf90fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;\
uid=vpq40294;pwd=2LZdL55bbMzhzKmr;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())
#HOME--PAGE
@app.route("/base") def
home():
    return render_template("base1.html")
@app.route("/") def
add():
    return render_template("home1.html")
#SIGN--UP--OR--REGISTER
@app.route("/signup") def
signup():
    return render_template("signup1.html")
@app.route('/register', methods=['GET', 'POST']) def
register():
    msg = "
    print("Break point1")
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        print("Break point2" + "name: " + username + "-----" + email + "-----" + password)
    try:
        print("Break point3")
        connectionID = ibm_db_dbi.connect(conn_str, " ")
        cursor = connectionID.cursor()
        print("Break point4")
    except:
        print("No connection Established")
    print("Break point5")
    sql = "SELECT * FROM register WHERE username = ?"
    stmt = ibm_db.prepare(IBM_DB_CONN, sql)
    IBM_DB_BIND_PARAM(stmt, 1, username)
    IBM_DB_EXECUTE(stmt)
    result = IBM_DB_EXECUTE(stmt)
    print(result)
    account = IBM_DB_FETCH_ROW(stmt)

```



```

print(account)
param = "SELECT * FROM register WHERE username = " + "\"" + username + "\""
res = ibm_db.exec_immediate(ibm_db_conn, param)
print("---- ")
dictionary = ibm_db.fetch_assoc(res)
while dictionary != False:
    print("The ID is : ", dictionary["USERNAME"])
    dictionary = ibm_db.fetch_assoc(res)
print("break point 6")
if account:
    msg = 'Username already exists !'
elif not re.match(r'^@]+@[^@]+\.[^@]+', email):
    msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
    msg = 'name must contain only characters and numbers !'
else:
    sql2 = "INSERT INTO register (username, email,password) VALUES (?, ?, ?)"
    stmt2 = ibm_db.prepare(ibm_db_conn, sql2)
    ibm_db.bind_param(stmt2, 1, username)
    ibm_db.bind_param(stmt2, 2, email)
    ibm_db.bind_param(stmt2, 3, password)
    ibm_db.execute(stmt2)
    msg = 'You have successfully registered !'
return render_template('signup.html', msg = msg)
#LOGIN--PAGE
@app.route("/signin") def
signin():
    return render_template("login1.html")
@app.route('/login',methods=['GET', 'POST']) def
login():
    global userid
    msg = ""
    if request.method == 'POST' :
        username = request.form['username']
        password = request.form['password']
        sql = "SELECT * FROM register WHERE username = ? and password = ?"
        stmt = ibm_db.prepare(ibm_db_conn, sql)

```

```

ibm_db.bind_param(stmt, 1, username)
ibm_db.bind_param(stmt, 2, password)
result = ibm_db.execute(stmt)
print(result)
account = ibm_db.fetch_row(stmt)
print(account)
param = "SELECT * FROM register WHERE username = " + "\"" + username + "\"" + " and password = " + "\"" + password + "\""
res = ibm_db.exec_immediate(ibm_db_conn, param)
dictionary = ibm_db.fetch_assoc(res)
# sendmail("hello","lokhitaraajan@gmail.com")
if account:
    session['loggedin'] = True
    session['id'] = dictionary["ID"]
    userid = dictionary["ID"]
    session['username'] = dictionary["USERNAME"]
    session['email'] = dictionary["EMAIL"]
    return redirect('/home1')
else:
    msg = 'Incorrect username / password !'
return render_template('login1.html', msg = msg)
#ADDING----DATA
@app.route("/add1") def
adding():
    return render_template('add1.html')
@app.route('/addexpense',methods=['GET', 'POST']) def
addexpense():
    date = request.form['date']
    expensename = request.form['expensename']
    amount = request.form['amount']
    paymode = request.form['paymode']
    category = request.form['category']
    print(date)
    p1 = date[0:10]
    p2 = date[11:13]
    p3 = date[14:]
    p4 = p1 + "-" + p2 + "." + p3 + ".00"

```

```

print(p4)
sql = "INSERT INTO expenses (userid, date, expensename, amount, paymode, category) VALUES (?, ?,
?, ?, ?, ?)"
stmt = ibm_db.prepare(ibm_db_conn, sql)
ibm_db.bind_param(stmt, 1, session['id'])
ibm_db.bind_param(stmt, 2, p4)
ibm_db.bind_param(stmt, 3, expensename)
ibm_db.bind_param(stmt, 4, amount)
ibm_db.bind_param(stmt, 5, paymode)
ibm_db.bind_param(stmt, 6, category)
ibm_db.execute(stmt)
print("Expenses added")
# email part
param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND
MONTH(date) = MONTH(current timestamp) AND YEAR(date) = YEAR(current timestamp)
ORDER BY date DESC"
res = ibm_db.exec_immediate(ibm_db_conn, param)
dictionary = ibm_db.fetch_assoc(res)
expense = []
while dictionary != False:
    temp = []
    temp.append(dictionary["ID"])
    temp.append(dictionary["USERID"])
    temp.append(dictionary["DATE"])
    temp.append(dictionary["EXPENSENAME"])
    temp.append(dictionary["AMOUNT"])
    temp.append(dictionary["PAYMODE"])
    temp.append(dictionary["CATEGORY"])
    expense.append(temp)
    print(temp)
    dictionary = ibm_db.fetch_assoc(res)
total=0
for x in expense:
    total += x[4]
param = "SELECT id, limitss FROM limits WHERE userid = " + str(session['id']) + " ORDER BY id DESC
LIMIT 1"
res = ibm_db.exec_immediate(ibm_db_conn, param)

```

```

dictionary = ibm_db.fetch_assoc(res)
row = []
s = 0
while dictionary != False:
    temp = []
    temp.append(dictionary["LIMITSS"])
    row.append(temp)
    dictionary = ibm_db.fetch_assoc(res)
s = temp[0]
if total > int(s):
    msg = "Hello " + session['username'] + " , " + "you have crossed the monthly limit of Rs. " + s
+ "/- !!!" + "\n" + "Thank you, " + "\n" + "Team Personal Expense Tracker."
    sendmail(msg,session['email'])
    return redirect("/display1")
#DISPLAY---graph
@app.route("/display1")
def display():
    print(session["username"],session['id'])
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        expense.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
    return render_template('display1.html',expense = expense)
#delete---the--data

```

```

@app.route('/delete/<string:id>', methods = ['POST', 'GET' ]) def
delete(id):
    param = "DELETE FROM expenses WHERE id = " + id
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    print('deleted successfully')
    return redirect("/display1")
#UPDATE---DATA
@app.route('/edit/<id>', methods = ['POST', 'GET' ]) def
edit(id):
    param = "SELECT * FROM expenses WHERE id = " + id
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    row = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        row.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
    print(row[0])
    return render_template('edi1t.html', expenses = row[0])
@app.route('/update/<id>', methods = ['POST']) def
update(id):
    if request.method == 'POST' :
        date = request.form['date']
        expensename = request.form['expensename']
        amount = request.form['amount']
        paymode = request.form['paymode']
        category = request.form['category']
        p1 = date[0:10]
        p2 = date[11:13]

```

```

p3 = date[14:]
p4 = p1 + "-" + p2 + "." + p3 + ".00"
sql = "UPDATE expenses SET date = ? , expensename = ? , amount = ? , paymode = ? , category = ?
WHERE id = ?"

stmt = ibm_db.prepare(ibm_db_conn, sql)
ibm_db.bind_param(stmt, 1, p4)
ibm_db.bind_param(stmt, 2, expensename)
ibm_db.bind_param(stmt, 3, amount)
ibm_db.bind_param(stmt, 4, paymode)
ibm_db.bind_param(stmt, 5, category)
ibm_db.bind_param(stmt, 6, id)
ibm_db.execute(stmt)
print('successfully updated')
return redirect("/display1")

#limit
@app.route("/limit1" ) def
limit():
    return redirect('/limitn')

@app.route("/limitnum" , methods = ['POST' ]) def
limitnum():
    if request.method == "POST":
        number= request.form['number']
        # cursor = mysql.connection.cursor()
        # cursor.execute('INSERT INTO limits VALUES (NULL, % s, % s) ',(session['id'], number))
        # mysql.connection.commit()
        sql = "INSERT INTO limits (userid, limitss) VALUES (?, ?)"
        stmt = ibm_db.prepare(ibm_db_conn, sql)
        ibm_db.bind_param(stmt, 1, session['id'])
        ibm_db.bind_param(stmt, 2, number)
        ibm_db.execute(stmt)
        return redirect('/limitn') @app.route("/limitn")
def limitn():
    # cursor = mysql.connection.cursor()
    # cursor.execute('SELECT limitss FROM `limits` ORDER BY `limits`.`id` DESC LIMIT 1')    # x=
    cursor.fetchone()
    # s = x[0]

```

```
param = "SELECT id, limitss FROM limits WHERE userid = " + str(session['id']) + " ORDER BY id DESC  
LIMIT 1"
```

```
res = ibm_db.exec_immediate(ibm_db_conn, param)
```

```
dictionary = ibm_db.fetch_assoc(res)
```

```
row = []
```

```
s = "/-"
```

```
while dictionary != False:
```

```
    temp = []
```

```
    temp.append(dictionary["LIMITSS"])
```

```
    row.append(temp)
```

```
    dictionary = ibm_db.fetch_assoc(res)
```

```
    s = temp[0]
```

```
return render_template("limit1.html", y= s)
```

```
#REPORT
```

```
@app.route("/today1") def
```

```
today():
```

```
    param1 = "SELECT TIME(date) as tn, amount FROM expenses WHERE userid = " + str(session['id']) + "  
AND DATE(date) = DATE(current timestamp) ORDER BY date DESC"
```

```
    res1 = ibm_db.exec_immediate(ibm_db_conn, param1)
```

```
    dictionary1 = ibm_db.fetch_assoc(res1)
```

```
    texpanse = []
```

```
while dictionary1 != False:
```

```
    temp = []
```

```
    temp.append(dictionary1["TN"])
```

```
    temp.append(dictionary1["AMOUNT"])
```

```
    texpanse.append(temp)
```

```
    print(temp)
```

```
    dictionary1 = ibm_db.fetch_assoc(res1)
```

```
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND DATE(date)  
= DATE(current timestamp) ORDER BY date DESC"
```

```
    res = ibm_db.exec_immediate(ibm_db_conn, param)
```

```
    dictionary = ibm_db.fetch_assoc(res)
```

```
    expense = []
```

```
while dictionary != False:
```

```
    temp = []
```

```
    temp.append(dictionary["ID"])
```

```

temp.append(dictionary["USERID"])
temp.append(dictionary["DATE"])
temp.append(dictionary["EXPENSENAME"])
temp.append(dictionary["AMOUNT"])
temp.append(dictionary["PAYMODE"])
temp.append(dictionary["CATEGORY"])
expense.append(temp)
print(temp)
dictionary = ibm_db.fetch_assoc(res)
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in expense:
    total += x[4]
    if x[6] == "food":
        t_food += x[4]
    elif x[6] == "entertainment":
        t_entertainment += x[4]
    elif x[6] == "business":
        t_business += x[4]
    elif x[6] == "rent":
        t_rent += x[4]
    elif x[6] == "EMI":
        t_EMI += x[4]
    elif x[6] == "other":
        t_other += x[4]
print(total)
print(t_food)
print(t_entertainment)
print(t_business)
print(t_rent)
print(t_EMI)
print(t_other)

```



```

return render_template("today1.html", texpanse = texpanse, expense = expense, total = total ,
    t_food = t_food,t_entertainment = t_entertainment,
    t_business = t_business, t_rent = t_rent,
    t_EMI = t_EMI, t_other = t_other )

@app.route("/month1") def
month():
    param1 = "SELECT DATE(date) as dt, SUM(amount) as tot FROM expenses WHERE userid = "
+ str(session['id']) + " AND MONTH(date) = MONTH(current timestamp) AND YEAR(date) =
YEAR(current timestamp) GROUP BY DATE(date) ORDER BY DATE(date)"
    res1 = ibm_db.exec_immediate(ibm_db_conn, param1)
    dictionary1 = ibm_db.fetch_assoc(res1)
    texpanse = []
    while dictionary1 != False:
        temp = []
        temp.append(dictionary1["DT"])
        temp.append(dictionary1["TOT"])
        texpanse.append(temp)
        print(temp)
        dictionary1 = ibm_db.fetch_assoc(res1)
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND
MONTH(date) = MONTH(current timestamp) AND YEAR(date) = YEAR(current timestamp)
ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        expense.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)

```

```

total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in expense:
    total += x[4]
    if x[6] == "food":
        t_food += x[4]
    elif x[6] == "entertainment":
        t_entertainment += x[4]
    elif x[6] == "business":
        t_business += x[4]
    elif x[6] == "rent":
        t_rent += x[4]
    elif x[6] == "EMI":
        t_EMI += x[4]
    elif x[6] == "other":
        t_other += x[4]
print(total)
print(t_food)
print(t_entertainment)
print(t_business)
print(t_rent)
print(t_EMI)
print(t_other)
return render_template("today1.html", texpanse = texpanse, expense = expense, total = total ,
                        t_food = t_food, t_entertainment = t_entertainment,
                        t_business = t_business, t_rent = t_rent,
t_EMI = t_EMI, t_other = t_other ) @app.route("/year1") def
year():
    param1 = "SELECT MONTH(date) as mn, SUM(amount) as tot FROM expenses WHERE userid = " +
str(session['id']) + " AND YEAR(date) = YEAR(current timestamp) GROUP BY
MONTH(date) ORDER BY MONTH(date)"
    res1 = ibm_db.exec_immediate(ibm_db_conn, param1)

```

```

dictionary1 = ibm_db.fetch_assoc(res1)
texpanse = []
while dictionary1 != False:
    temp = []
    temp.append(dictionary1["MN"])
    temp.append(dictionary1["TOT"])
    texpanse.append(temp)
    print(temp)
    dictionary1 = ibm_db.fetch_assoc(res1)
param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND YEAR(date)
= YEAR(current timestamp) ORDER BY date DESC"
res = ibm_db.exec_immediate(ibm_db_conn, param)
dictionary = ibm_db.fetch_assoc(res)
expense = []
while dictionary != False:
    temp = []
    temp.append(dictionary["ID"])
    temp.append(dictionary["USERID"])
    temp.append(dictionary["DATE"])
    temp.append(dictionary["EXPENSENAME"])
    temp.append(dictionary["AMOUNT"])
    temp.append(dictionary["PAYMODE"])
    temp.append(dictionary["CATEGORY"])
    expense.append(temp)
    print(temp)
    dictionary = ibm_db.fetch_assoc(res)
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in expense:
    total += x[4]
    if x[6] == "food":
        t_food += x[4]

```

```

        elif x[6] == "entertainment":
            t_entertainment += x[4]
        elif x[6] == "business":
            t_business += x[4]
        elif x[6] == "rent":
            t_rent += x[4]
        elif x[6] == "EMI":
            t_EMI += x[4]
        elif x[6] == "other":
            t_other += x[4]
    print(total)
    print(t_food)
    print(t_entertainment)
    print(t_business)
    print(t_rent)
    print(t_EMI)
    print(t_other)
    return render_template("today1.html", texpanse = texpanse, expense = expense, total = total ,
        t_food = t_food,t_entertainment = t_entertainment,
        t_business = t_business, t_rent = t_rent,
        t_EMI = t_EMI, t_other = t_other )

#log-out
@app.route('/logout') def
logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)
    session.pop('email', None)
    return render_template('home1.html') port =
os.getenv('VCAP_APP_PORT', '8080') if
__name__ == "__main__":
    app.secret_key = os.urandom(12)
    app.run(debug=True, host='0.0.0.0', port=port)

```

8. TESTING

8.1 TEST CASES

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
HomePage TC 001	Functional	Home Page	Verify user is able to see the Login/Signup popup when user click on Login/Signup button	Home	1 Go to Homepage	Username: qazqz Email: qazhitarasoon@gmail.com password: mane212345	Login/Signup popup should display	Working as expected	Pass				Mahabubul L
SignupPage TC 002	UI	Signup page	User can fill UI elements to create an account by clicking signup page	Username , email id and password	1 Go to website 2 Enter details and click login	password: mane212345	Application should show below UI elements: a. Email text box b. Password text box c. Username text box d. Create account with blue colour e. Already have an account? login	Working as expected	Pass				Nurroja G
LoginPage TC 003	Functional	Login page	Verify user is able to log into application with valid credentials	Username and password	1 Go to website 2 Enter details and click login	Username: qazqz password: mane212345	User should navigate to user account login page	Working as expected	Pass				Lokibilla D
DashboardPage TC 004	Functional	Dashboard page	User can start their journey via dashboard and click let's begin	Login first	Let's begin our journey	Let's begin	Application show dashboard page	Working as expected	Pass				Mahabubul L Quaza V
AddPage TC 004	Functional	Add Expense page	User can add expenses with all the details and it is stored in history and whether user is able to add expense	Add some expenses	Add qazqz expense name and other qazqz	Rent : 5000 Bike: 150	Application adds expenses	Working as expected	Pass				Nurroja G Lokibilla D
DisplayPage TC 005	Functional	Display page	Verify whether user is able to display all the added expenses	Display expense	Display all the expenses added by user	Rent : 5000 Bike: 150 Laptop: 15000	Application display expenses	Working as expected	Pass				Quaza V
EditPage TC 006	Functional	Edit Page	Verify whether user is able to edit the details in expenses	Edit expenses	Edit expenses when user need	Food: 2000 Other :500	Application edit expenses	Working as expected	Pass				Lokibilla D
AddLimit TC 007	Functional	Limit page	Verify whether user is able to add limit or not	Add Limit	Add limit to our expenses	10000	Application add limit expenses	Working as expected	Pass				Mahabubul L
Report TC 008	Functional	Generate report	Verify whether the report is generating or not	Report Generation	Generate Report like days, month and year expense	Report	Application generates reports	Working as expected	Pass				Nurroja G

8.2 USER ACCEPTANCE TESTING

Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the Personal Expense Tracker Application project at the time of the release to User Acceptance Testing (UAT).

Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	9	2	4	11	20
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	22	14	11	22	51

Test Case Analysis

Section	Total Cases	Not Tested	Fail	Pass
Interface	7	0	0	7
Login	43	0	0	43
Logout	2	0	0	2
Limit	3	0	0	3
Edit	8	0	0	8
Adding expenses	9	0	0	9

History	4	0	0	4
Final report	2	0	0	2

9. RESULTS

9.1 PERFORMANCE METRICS

- **Tracking income and expenses:** Monitoring the income and tracking all expenditures (through bank accounts, mobile wallets, and credit & debit cards).
- **Transaction Receipts:** Capture and organize your payment receipts to keep track of your expenditure.
- **Organizing Taxes:** Import your documents to the expense tracking app, and it will streamline your income and expenses under the appropriate tax categories.
- **Payments & Invoices:** Accept and pay from credit cards, debit cards, net banking, mobile wallets, and bank transfers, and track the status of your invoices and bills in the mobile app itself. Also, the tracking app sends reminders for payments and automatically matches the payments with invoices.
- **Reports:** The expense tracking app generates and sends reports to give a detailed insight about profits, losses, budgets, income, balance sheets, etc.,
- **E-commerce integration:** Integrate your expense tracking app with your eCommerce store and track your sales through payments received via multiple payment methods.
- **Vendors and Contractors:** Manage and track all the payments to the vendors and contractors added to the mobile app.
- **Access control:** Increase your team productivity by providing access control to particular users through custom permissions.
- **Track Projects:** Determine project profitability by tracking labor costs, payroll, expenses, etc., of your ongoing project.
- **Inventory tracking:** An expense tracking app can do it all. Right from tracking products or the cost of goods, sending alert notifications when the product is running out of stock or the product is not selling, to purchase orders.
- **In-depth insights and analytics:** Provides in-built tools to generate reports with easy-to-understand visuals and graphics to gain insights about the performance of your business.
- **Recurrent Expenses:** Rely on your budgeting app to track, streamline, and automate all the recurrent expenses and remind you on a timely basis.

- **Budget Vs. Actual Spent:** This is one of the most common features in an expense tracking mobile app. The user gets a detailed insight into the real-time income and expenditure. Thus, you can plan your budget strategically to reduce unnecessary expenses.

10. ADVANTAGES & DISADVANTAGES ADVANTAGES

With a personal expense tracker application, you will be able to allocate money to different priorities and this will also help you cut down on unnecessary spending.

As a result, you will be able to save and be able to keep worry at bay. A personal expense tracker helps you budget your money so that you use it wisely.

It helps you stay involved in your finances. When you regularly pay attention to your spending, you're more likely to stay within your budget, and even have extra each month.

DISADVANTAGES

Your information is less secure, and probably being used and sold. If the service is free, then the product is you. They have to pay their bills somehow, so regardless of what their privacy policy may or may not say, just assume that your spending history and trends are going to be recorded and analyzed, by someone, somewhere.

Finding the time for it, Making the right decisions, Determining the right process.

11. CONCLUSION

Monitoring your everyday expenses can set aside you cash, yet it can likewise help you set your monetary objectives for what's to come. On the off chance that you know precisely where your sum is going much of a stretch see where a few reductions and bargains can be made. Expense Tracker project is for keeping our day-to-day expenditures will helps us to keep record of our money daily. The project what we have created is work more proficient than the other income and expense tracker. The project effectively keeps away from the manual figuring for trying not to ascertain the pay and cost each month. It's a user-friendly application. Tracking the daily expenses can not only help in saving money but also help in setting financial goals for the future. If we know where our money is being spent every day, it is easy to set some cutbacks and such to help reduce expenditure. This project is developed to work more efficiently in comparison to other trackers and avoid manual calculation. It is developed to be efficient and look attractive at the same time.

12. FUTURE SCOPE

Automatically it will keep on sending notifications for our daily expenditure. In today's busy and expensive life, we are in a great rush to make moneys, but at the end of the month we broke off. As

we are unknowingly spending money on title and unwanted things. So, we have come over with the plan to follow our profit. Here user can define their own categories for expense type like food, clothing, rent and bills where they have to enter the money that has been spend and likewise can add some data in extra data to indicate the expense. Provision to add different currencies will be added so that also can be used worldwide and the currency converters will be designed and added in order to convert the different currency rates.

A new tab named "Search" will be implemented so that if the user searches for any vendor, category or subcategory by name, he can see the expenses made on that particular search in a table view list with the total number of transactions made and the total expense amount for that search. This would provide a lot more flexibility for the users to track the particular expenses on particular items. Also, the graph reports show the expenses and income graphs separately in the current version. In the future, a comparison between the income made and expense will be shown graphically providing the user more options to see what they are making and what they are spending accordingly. A PDF feature would be implemented so that the user can see the total expenses/incomes in a much simpler PDF format in one file.

13. APPENDIX

Source Code

home1.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="C:\Users\mahal\Desktop\Templates\static\home1.css">
  <title>home</title>
</head>
<body>
  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
          <a href="#hero">
            <h1><span>M</span>y <span>B</span>udget</h1>
```

```

    </a>
  </div>
  <div class="nav-list">
    <div class="hamburger">
      <div class="bar"></div>
    </div>
    <ul>
      <li><a href="#hero" data-after="Home">Home</a></li>
      <li><a href="#services" data-after="Service">Services</a></li>
      <li><a href="#about" data-after="About">About</a></li>
      <li><a href="#contact" data-after="Contact">Contact</a></li>
      <li><a href="login1.html" data-after="Login">-Login-</a></li>
    </ul>
  </div>
</div>
</div>
</div>
</section>
<!-- End Header -->
<!-- Hero Section -->
<section id="hero">
  <div class="hero container">
    <div>
      <h1>Hello, <span></span></h1>
      <h1>Welcome To <span></span></h1>
      <h1>Expense Tracker Web application <span></span></h1>
      <a href="signup1.html" type="button" class="cta">Sign-up</a>    </div>
    </div>
  </section>
  <!-- End Hero Section -->
  <!-- Service Section -->
  <section id="services">
    <div class="services container">
      <div class="service-top">
        <h1 class="section-title">Serv<span>i</span>ces</h1>
        <p>MyBudget provides a many services to the customer and industries. Financial solutions to meet
your needs whatever your money goals,there is a MyBudget solution to help you reach them </p>
      </div>

```

```

<div class="service-bottom">
  <div class="service-item">
    <div class="icon"></div>
    <h2>Personal Expenses</h2>
    <p>Budgeting is more than paying bills and setting aside savings.it's about creating a money plan
for the life you want</p>
  </div>
  <div class="service-item">
    <div class="icon"></div>
    <h2>Investments</h2>
    <p>Follow your investments and bring your portfolio into focus with support for
stocks,bonds,CDs,mutual funds and more</p>
  </div>
  <div class="service-item">
    <div class="icon"></div>
    <h2>Online Banking</h2>
    <p>MyBudget application can automatically download transactions and send payments online
from many financial institutions</p>
  </div>
  <div class="service-item">
    <div class="icon"></div>
    <h2>Financial Life</h2>
    <p>Get your Complete financial picture at a glance. With MyBudget application you can view your
all the financial activities
  </p>
  </div>
</div>
</section>
<!-- End Service Section -->
<!-- About Section -->
<section id="about">
  <div class="about container">
    <div class="col-left">
      <div class="about-img">
        
        <div><h2>MyBudget ceo,Shridhar </h2></div>

```

```

    </div>
</div>
<div class="col-right">
    <h1 class="section-title">About <span>Us</span></h1>
    <h2>Financial Solution</h2>
    <p>MyBudget financial solution is one among Leading financial company from many
years.MyBudget provides a many services to the customer and industries. Financial solutions to meet
your needs whatever your money goals,there is a MyBudget solution to help you reach them.u can
Contact our service center for further information and also follow our social media for update on new
services </p>
    <a href="#footer" class="cta">Follow Us</a>
</div>
</div>
</section>
<!-- End About Section -->
<!-- Contact Section -->
<section id="contact">
    <div class="contact container">
        <div>
            <h1 class="section-title">Contact <span>info</span></h1>
        </div>
        <div class="contact-items">
            <div class="contact-item">
                <div class="icon"></div>
                <div class="contact-info">
                    <h1>Phone</h1>
                    <h2>+1 234 123 1234</h2>
                    <h2>+1 234 123 1234</h2>
                </div>
            </div>
            <div class="contact-item">
                <div class="icon"></div>
                <div class="contact-info">
                    <h1>Email</h1>
                    <h2>info@gmail.com</h2>
                    <h2>abcd@gmail.com</h2>
                </div>
            </div>
        </div>
    </div>

```

```

    <div class="contact-item">
      <div class="icon"></div>
      <div class="contact-info">
        <h1>Address</h1>
        <h2>4th main-road,Bengaluru,Karnataka,India</h2>
      </div>
    </div>
  </div>
</div>
</section>
<!-- End Contact Section -->
<!-- Footer -->
<section id="footer">
  <div class="footer container">
    <div class="brand">
      <h1><span>M</span>y <span>B</span>udget</h1>
    </div>
    <h2>Your Complete Financial Solution</h2>
    <div class="social-icon">
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">
        <a href="#"></a>
      </div>
    </div>
    <p>Copyright © 2022 maha . All rights reserved</p>
  </div>
</section>
<!-- End Footer -->

```

```
<script src="C:\Users\mahal\Desktop\Templates\static\home1.js"></script>
</body>
</html>
```

home1.css

```
@import 'https://fonts.googleapis.com/css?family=Montserrat:300, 400, 700&display=swap';
* {
    padding: 0; margin:
    0;
    box-sizing: border-box;
}
html {
    font-size: 10px; font-family:
    'Montserrat', sans-serif;
    scroll-behavior: smooth;
}
a { text-decoration: none;
}
.container { min-height:
    100vh; width: 100%;
    display: flex; align-
    items: center;
    justify-content: center;
}
img { height: 100%;
    width: 100%;
    object-fit: cover;
}
p { color: black; font-size:
    1.4rem; margin-top: 5px;
    line-height: 2.5rem; font-
    weight: 300;
    letter-spacing: 0.05rem;
}
.section-title { font-size: 4rem; font-
    weight: 300; color: black;
    margin-bottom: 10px; text-
    transform: uppercase;
    letter-spacing: 0.2rem;
```

```
        text-align: center;
    }
    .section-title span { color:
        crimson;
    }
    .cta {
        display: inline-block; padding:
        10px 30px; color: white;
        background-color: transparent;
        border: 2px solid crimson; font-
        size: 2rem; text-transform:
        uppercase; letter-spacing:
        0.1rem; margin-top: 30px;
        transition: 0.3s ease;
        transition-property: background-color, color;
    }
    .cta:hover { color:
        white;
        background-color: crimson;
    }
    .brand h1 { font-size: 3rem; text-
        transform: uppercase;
        color: white;
    }
    .brand h1 span { color:
        crimson;
    }
    /* Header section */
    #header { position:
        fixed;
        z-index: 1000;
        left: 0; top: 0;
        width: 100vw;
        height: auto;
    }
    #header .header { min-height: 8vh; background-
        color: rgba(31, 30, 30, 0.24);
        transition: 0.3s ease background-color;
    }
```

```
#header .nav-bar { display:
    flex; align-items:
    center; justify-
    content: space-
    between; width:
    100%; height: 100%;
    max-width: 1300px;
    padding: 0 10px;
}

#header .nav-list ul { list-style: none;
    position: absolute; background-
    color: rgb(31, 30, 30); width: 100vw;
    height: 100vh; left: 100%; top: 0;
    display: flex; flex-direction: column;
    justify-content: center; align-items:
    center; z-index: 1; overflow-x:
    hidden;
    transition: 0.5s ease left;
}

#header .nav-list ul.active { left:
    0%;
}

#header .nav-list ul a { font-size:
    2.5rem; font-weight: 500;
    letter-spacing: 0.2rem; text-
    decoration: none; color:
    white; text-transform:
    uppercase; padding: 20px;
    display: block;
}

#header .nav-list ul a::after {
    content: attr(data-after);
    position: absolute; top:
    50%; left: 50%;
    transform: translate(-50%, -50%) scale(0);
    color: rgba(240, 248, 255, 0.021);
    font-size: 13rem; letter-spacing:
    50px; z-index: -1;
    transition: 0.3s ease letter-spacing;
}
```



```
#header .nav-list ul li:hover a::after { transform:
    translate(-50%, -50%) scale(1);
    letter-spacing: initial;
}
#header .nav-list ul li:hover a { color:
    crimson;
}
#header .hamburger { height:
    60px; width: 60px;
    display: inline-block;
    border: 3px solid white;
    border-radius: 50%;
    position: relative;
    display: flex; align-items:
    center; justify-content:
    center; z-index: 100;
    cursor: pointer;
    transform: scale(0.8);
    margin-right: 20px;
}
#header .hamburger:after {
    position: absolute;
    content: ""; height: 100%;
    width: 100%; border-
    radius: 50%; border: 3px
    solid white;
    animation: hamburger_puls 1s ease infinite;
}
#header .hamburger .bar {
    height: 2px; width:
    30px; position:
    relative;
    background-color:
    white;
    z-index: -1;
}
#header .hamburger .bar::after,
#header .hamburger .bar::before {
```

```

        content: ""; position:
        absolute; height:
        100%;
        width: 100%;
        left: 0;
        background-color: white; transition:
        0.3s ease; transition-property: top,
        bottom;
    }
    #header .hamburger .bar::after { top:
        8px;
    }
    #header .hamburger .bar::before { bottom:
        8px;
    }
    #header .hamburger.active .bar::before { bottom: 0;
    }
    #header .hamburger.active .bar::after { top: 0;
    }
    /* End Header section */
    /* Hero Section */
    #hero { background-image: url(C:\Users\mahal\Downloads\hero-bg.png);
        background-size: cover; background-position: top center;
        position: relative;
        z-index: 1;
    }
    #hero::after { content:
        "";
        position: absolute;
        left: 0; top: 0;
        height: 100%;
        width: 100%;
        background-
        color: black;
        opacity: 0.7;
        z-index: -1;
    }
    #hero .hero { max-width:
        1200px; margin: 0

```

```

        auto; padding: 0
        50px;
        justify-content: flex-start;
    }
    #hero h1 { display: block;
        width: fit-content;
        font-size: 4rem;
        position: relative;
        color: transparent;
        animation: text_reveal 0.5s ease forwards; animation-delay: 1s;
    }
    #hero h1:nth-child(1) { animation-delay:
        1s;
    }
    #hero h1:nth-child(2) { animation-delay:
        2s;
    }
    #hero h1:nth-child(3) { animation: text_reveal_name 0.5s
        ease forwards; animation-delay: 3s;
    }
    #hero h1 span { position:
        absolute; top: 0;
        left: 0;
        height: 100%; width: 0; background-
        color: crimson; animation:
        text_reveal_box 1s ease;
        animation-delay: 0.5s;
    }
    #hero h1:nth-child(1) span {
        animation-delay: 0.5s;
    }
    #hero h1:nth-child(2) span { animation-delay:
        1.5s;
    }
    #hero h1:nth-child(3) span { animation-delay:
        2.5s;
    }
    /* End Hero Section */
    /* Services Section */

```

```
#services .services { flex-direction:
    column; text-align: center;
    max-width: 1500px; margin:
    0 auto;
    padding: 100px 0;
}

#services .service-top { max-width:
    500px;
    margin: 0 auto;
}

#services .service-bottom {
    display: flex; align-items:
    center; justify-content:
    center; flex-wrap: wrap;
    margin-top: 50px;
}

#services .service-item { flex-
    basis: 80%; display: flex;
    align-items: flex-start;
    justify-content: center;
    flex-direction: column;
    padding: 30px; border-
    radius: 10px;
    background-image: url('C:\Users\mahal\Downloads\img-1.png');
    background-size: cover; margin: 10px 5%; position: relative; z-index:
    1;
    overflow: hidden;
}

#services .service-item::after { content: "";
    position: absolute;
    left: 0; top: 0;
    height: 100%;
    width: 100%;
    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); opacity: 0.9;
    z-index: -1;
}

#services .service-bottom .icon {
    height: 80px; width: 80px;
    margin-bottom: 20px;
```

```
}
#services .service-item h2 {
    font-size: 2rem; color:
    white; margin-bottom:
    10px;
    text-transform: uppercase;
}
#services .service-item p { color:
    white; text-align: left;
}
/* End Services Section */
/* Projects section */
#projects .projects { flex-direction:
    column; max-width: 1200px;
    margin: 0 auto;
    padding: 100px 0;
}
#projects .projects-header h1 { margin-bottom:
    50px;
}
#projects .all-projects { display:
    flex; align-items: center;
    justify-content: center;
    flex-direction: column;
}
#projects .project-item {
    display: flex; align-
    items: center; justify-
    content: center; flex-
    direction: column;
    width: 80%; margin:
    20px auto; overflow:
    hidden;
    border-radius: 10px;
}
#projects .project-info {
    padding: 30px; flex-
    basis: 50%; height:
    100%; display: flex;
```

```

        align-items: flex-start;
        justify-content: center;
        flex-direction: column;
        background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); color:
        white;
    }
    #projects .project-info h1 { font-size:
        4rem;
        font-weight: 500;
    }
    #projects .project-info h2 { font-size:
        1.8rem; font-weight: 500;
        margin-top: 10px;
    }
    #projects .project-info p { color:
        white;
    }
    #projects .project-img { flex-
        basis: 50%; height:
        300px; overflow:
        hidden; position:
        relative;
    }
    #projects .project-img:after { content: "";
        position: absolute;
        left: 0; top: 0;
        height: 100%;
        width: 100%;
        background-image: linear-gradient(60deg, #29323c 0%, #485563 100%); opacity: 0.7;
    }
    #projects .project-img img { transition:
        0.3s ease transform;
    }
    #projects .project-item:hover .project-img img { transform:
        scale(1.1);
    }
    /* End Projects section */
    /* About Section */

```

```
#about .about { flex-direction: column-  
    reverse;  
    text-align: center; max-width:  
    1200px; margin: 0 auto;  
    padding: 100px 20px;  
}  
#about .col-left { width:  
    250px;  
    height: 360px;  
}  
#about .col-right { width:  
    100%;  
}  
#about .col-right h2 { font-size:  
    1.8rem; font-weight:  
    500; letter-spacing:  
    0.2rem;  
    margin-bottom: 10px;  
}  
#about .col-right p {  
    margin-bottom: 20px;  
}  
#about .col-right .cta { color:  
    black; margin-bottom:  
    50px; padding: 10px  
    20px;  
    font-size: 2rem;  
}  
#about .col-left .about-img {  
    height: 100%; width:  
    100%; position:  
    relative;  
    border: 10px solid white;  
}  
#about .col-left .about-img::after {  
    content: ""; position:  
    absolute; left: -33px; top:  
    19px; height: 98%; width:
```

```

        98%; border: 7px solid
        crimson;
        z-index: -1;
    }
    /* End About Section */
    /* contact Section */
    #contact .contact { flex-direction:
        column; max-width:
        1200px; margin: 0 auto;
        width: 90%;
    }
    #contact .contact-items { /* max-
        width: 400px; */
        width: 100%;
    }
    #contact .contact-item {
        width: 80%; padding:
        20px; text-align:
        center; border-radius:
        10px; padding: 30px;
        margin: 30px; display:
        flex; justify-content:
        center; align-items:
        center; flex-direction:
        column;
        box-shadow: 0px 0px 18px 0 #0000002c;
        transition: 0.3s ease box-shadow;
    }
    #contact .contact-item:hover { box-shadow: 0px
        0px 5px 0 #0000002c;
    }
    #contact .icon { width:
        70px; margin: 0
        auto;
        margin-bottom: 10px;
    }
    #contact .contact-info h1 { font-size:
        2.5rem; font-weight: 500;
        margin-bottom: 5px;

```



```
}
#contact .contact-info h2 { font-size:
    1.3rem; line-height: 2rem;
    font-weight: 500;
}
/*End contact Section */
/* Footer */
#footer { background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
}
#footer .footer { min-height:
    200px; flex-direction:
    column; padding-top:
    50px;
    padding-bottom: 10px;
}
#footer h2 { color: white;
    font-weight: 500;
    font-size: 1.8rem;
    letter-spacing:
    0.1rem; margin-
    top: 10px;
    margin-bottom: 10px;
}
#footer .social-icon { display:
    flex;
    margin-bottom: 30px;
}
#footer .social-item { height:
    50px; width: 50px;
    margin: 0 5px;
}
#footer .social-item img { filter:
    grayscale(1);
    transition: 0.3s ease filter;
}
#footer .social-item:hover img { filter:
    grayscale(0);
}
```

```

#footer p { color:
    white;
    font-size: 1.3rem;
}
/* End Footer */

/* Keyframes */
@keyframes hamburger_puls {
    0% { opacity: 1;
        transform: scale(1);
    }
    100% { opacity: 0;
        transform: scale(1.4);
    }
}

@keyframes text_reveal_box {
    50% { width: 100%;
        left: 0;
    }
    100% { width: 0;
        left: 100%;
    }
}

@keyframes text_reveal {
    100% { color: white;
    }
}

@keyframes text_reveal_name {
    100% { color: crimson;
        font-weight: 500;
    }
}

/* End Keyframes */

/* Media Query For Tablet */
@media only screen and (min-width: 768px) {
    .cta { font-size: 2.5rem;

```

```
        padding: 20px 60px;
    }
    h1.section-title { font-size:
        6rem;
    }
    /* Hero */
    #hero h1 { font-size:
        7rem;
    }
    /* End Hero */
    /* Services Section */
    #services .service-bottom .service-item { flex-basis:
        45%;
        margin: 2.5%;
    }
    /* End Services Section */
    /* Project */
    #projects .project-item { flex-direction:
        row;
    }
    #projects .project-item:nth-child(even) { flex-direction:
        row-reverse;
    }
    #projects .project-item {
        height: 400px;
        margin: 0; width:
        100%;
        border-radius: 0;
    }
    #projects .all-projects .project-info { height:
        100%;
    }
    #projects .all-projects .project-img { height:
        100%;
    }
    /* End Project */

    /* About */
```

```

#about .about { flex-direction:
    row;
}
#about .col-left { width:
    600px; height:
    400px;
    padding-left: 60px;
}
#about .about .col-left .about-img::after {
    left: -45px; top: 34px; height: 98%;
    width: 98%;
    border: 10px solid crimson;
}
#about .col-right { text-align:
    left;
    padding: 30px;
}
#about .col-right h1 {
    text-align: left;
}
/* End About */
/* contact */
#contact .contact { flex-direction:
    column; padding: 100px 0;
    align-items: center; justify-
    content: center;
    min-width: 20vh;
}
#contact .contact-items { width: 100%;
    display: flex; flex-direction:
    row; justify-content: space-
    evenly; margin: 0;
}
#contact .contact-item {
    width: 30%; margin:
    0;
    flex-direction: row;
}

```

```

        #contact .contact-item .icon { height:
            100px;
            width: 100px;
        }
        #contact .contact-item .icon img { object-fit:
            contain;
        }
        #contact .contact-item .contact-info { width:
            100%;
            text-align: left;
            padding-left: 20px;
        }
        /* End contact */
    }
    /* End Media Query For Tablet */
    /* Media Query For Desktop */
    @media only screen and (min-width: 1200px) { /*
        header */
        #header .hamburger { display:
            none;
        }
        #header .nav-list ul {
            position: initial;
            display: block;
            height: auto; width:
            fit-content;
            background-color: transparent;
        }
        #header .nav-list ul li { display:
            inline-block;
        }
        #header .nav-list ul li a { font-size:
            1.8rem;
        }
        #header .nav-list ul a:after { display:
            none;
        }
        /* End header */
    }

```

```

        #services .service-bottom .service-item { flex-basis:
            22%;
            margin: 1.5%;
        }
    }
    /* End Media Query For Desktop */

```

home1.js

```

const hamburger = document.querySelector('.header .nav-bar .nav-list .hamburger'); const
mobile_menu = document.querySelector('.header .nav-bar .nav-list ul'); const menu_item
= document.querySelectorAll('.header .nav-bar .nav-list ul li a'); const header =
document.querySelector('.header.container'); hamburger.addEventListener('click', () => {
    hamburger.classList.toggle('active');
    mobile_menu.classList.toggle('active');
});
document.addEventListener('scroll', () => { var
    scroll_position = window.scrollY;
    if (scroll_position > 250) { header.style.backgroundColor =
        '#29323c';
    } else { header.style.backgroundColor = 'transparent';
    }
});
menu_item.forEach((item) => { item.addEventListener('click', ()
    => { hamburger.classList.toggle('active');
        mobile_menu.classList.toggle('active');
    });
});

```

signup1.html

```

<html>
<head>
<meta charset="utf-8">
<title>Sign-up</title>
<link href="C:\Users\mahal\Desktop\Templates\static\signup1.css" rel="stylesheet">
<script src="https://kit.fontawesome.com/a81368914c.js"></script>

```

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
</head>
<body>
  <!--container----->
  <div class="container" >
    <!--sign-up-box-container--->
    <div class="sign-up">
      <div id="png"><a href="/" title="HOME"></a></div>
      <!--heading-->
      <form action="/register" method="post">
        <div class="msg"></div>
        <h1 class="heading">Hello,Friend</h1>
        <!--name-box-->
        <div class="text">
          
          <input placeholder="Name" type="text" name="username"/>
        </div>
        <!--Email-box-->
        <div class="text">
          
          <input placeholder=" Example@gmail.com" type="email" name="email" /> </div>
        <!--Password-box-->
        <div class="text">
          
          <input placeholder=" Password" type="password" name="password"/> </div>
        <div class="or"><b>OR</b></div>
        <div class="s1"><p><b>Sign-up with</b></p></div>
        <div>
          <ul>
            <li><a href="#"><i class="fab fa-facebook" aria-hidden="true"></i></a></li>
            <li><a href="#"><i class="fab fa-twitter" aria-hidden="true"></i></a></li>
            <li><a href="#"><i class="fab fa-google" aria-hidden="true"></i></a></li>
            <li><a href="#"><i class="fab fa-linkedin" aria-hidden="true"></i></a></li>
```

```

        <li><a href="#"><i class="fab fa-instagram" aria-hidden="true"></i></a></li>    </ul>
</div>
<!--trem-->
<div class="trem">
    <input class="check" type="checkbox" required/>
    <p class="conditions">I read and agree to <a href="#">Terms & Conditions</a></p> </div>
<!--button-->
<div class="toop">
<button type="submit" class="btn btn-primary">CREATE ACCOUNT</button> </div>
</form>
<!--sign-in-->
<div class="t"><p class="conditions" id="p3">Already have an account <a href="login1.html">Log
in</a></p> </div></div>
</div>
<!--text-container-->
<div class="text-container">
    <h1 style="color: #2d2c2c;font-family:cursive;">Glad to see you</h1>
    <div class="diag">
    <div class="para"> <b>Welcome</b>,<b>Please Fill in the blanks for sign up</div>
</div>
</div>
</body>
</html>

```

signup1.css

```

@charset "utf-8"; /*
CSS Document */
body{
background-color:#eef1f8;
margin:0px;
padding:0px;
} a{
text-decoration:none;
}
.container{

```



```
width:100%;
height:100%;
background-color:#FFFFFF;
position: absolute;
left:50%; top:49%;
transform:translate(-50%,-50%);
box-shadow:2px 2px 30px rgba(66,57,238,0.2);
border-radius:20px;
display:flex;
justify-content: center;
align-items:center;
background-image: url('C:\Users\mahal\Downloads\bg.gif');
background-repeat:no-repeat;
background-size:cover;
}
.sign-up{ position:
            relative; left: -
            250px;
width:50%;
display:flex;
flex-direction:column;
align-items: center;

}
.text-container{
    position: relative;
    top:-100px; padding-bottom:-50px;
width:50%;
height:100%;
display:flex;
flex-direction:column;
justify-content: center;
align-items: center;
margin-left:700px;
margin-bottom:-10px;
top:-40px
}
```

```
.heading{
  font-family:calibri;
  color:rgba(30,30,30,1); position:
  relative;
  left:80px ;
}
.text{
  width:350px;
  height:50px;
  box-shadow:2px 6px 18px rgba(66,57,238,0.3);
  border-radius: 30px;
  display:flex;
  align-items:center;
  margin:10px;
} .text
input{
  height:40px;
  width:80%;
  outline:none;
  border:none;
  font-size:14px;
  margin:5px;
}
.text img{
  margin-left:20px;
}
.conditions{
  font-family:myriad pro;
  color:#bbc1cb;
  font-size:14px;
}
.trems{
  top:20px ;
  position: relative; left:37px ;

display: flex;
align-items:center;
```

```
}
.conditions a{
  color:#7d22e3;
  font-weight:500;
}
button{ width:200px;
  height:40px;
  outline:none;
  border:none;
  border-radius:20px;
  background:linear-gradient(-30deg,#3b02ed,#8e2ae0 55%);
  box-shadow:2px 6px 16px rgba(66,57,238,0.3);
  color:#FFFFFF;
  font-weight:600;
  letter-spacing:1px;
  font-weight: 13px;
}
button:active{
  transform:scale(1.1);
}
.text-container p{
  width:70%;
  text-align: center;
  font-family:arial;
  font-size: 15px;
  font-weight: 400;
  line-height:0px;
}
ul { position:relative; top:40px; left:25%;
      right:100px; transform: translate(-
      50%, -50%); margin: 75px;
      padding:0; display:flex;
      flex:auto;
    }
ul li {
  list-style: none;
}
```

```
ul li a {  
    position: relative; width:60px; height:60px;  
    display:block; text-align:center; margin:0 10px;  
    border-radius: 50%; padding: 6px; box-sizing:  
    border-box; text-decoration:none; box-shadow:  
    0 10px 15px rgba(0,0,0,0.3); background: linear-  
    gradient(0deg, #ddd, #fff);  
    transition: .5s;  
}
```

```
ul li a:hover { box-shadow: 0 2px 5px  
    rgba(0,0,0,0.3); text-decoration:none;  
}
```

```
ul li a .fab {  
    width: 100%; height:100%;  
    display:block;  
    background: linear-gradient(0deg, #fff, #ddd);  
    border-radius: 50%; line-height: calc(60px -  
    12px); font-size:24px; color: #262626;  
    transition: .5s;  
}
```

```
ul li:nth-child(1) a:hover .fab { color:  
    #3b5998;  
}
```

```
ul li:nth-child(2) a:hover .fab { color:  
    #00aced;  
}
```

```
ul li:nth-child(3) a:hover .fab { color:  
    #dd4b39;  
}
```

```
ul li:nth-child(4) a:hover .fab { color:  
    #007bb6;  
}
```

```
ul li:nth-child(5) a:hover .fab { color:
    #e4405f;
}
.toop{
    position: relative;
    top: 20px;
    left: 75px;
}
.check{
    position: relative;
    top: -8px;
left: -5px;
}
.para{
    position: relative;
    top: 0px;
    left: -45px;
}
}
.diag{
    position: relative;

    top:0px;
    margin: 0px;
    padding: 0px;
    left:-10px;
}
.fig1{
    position: relative;
    size:200%;
}
#png{
    position: relative;
    left: -270px;
    top: -45px;
}
.or{
```

```

        position: relative;
        left:180px;
    }
    .s1{
        position: relative;
        left: 140px;
    }
    .t{
        position: relative;
        left:-100px ;
        top:10px;
    }

```

login.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Animated Login Form</title>
    <link rel="stylesheet" type="text/css"
href="C:\Users\mahal\Desktop\Templates\static\login1.css">
    <link href="https://fonts.googleapis.com/css?family=Poppins:600&display=swap"
rel="stylesheet">
    <script src="https://kit.fontawesome.com/a81368914c.js"></script>
    <meta name="viewport" content="width=device-width, initial-scale=1">
</head> <body
>
     <div class="container">
        <div class="img">
            <div id="png"><a href="/" title="HOME"></a></div>
            
        </div>
        <div class="login-content">
            <form action="/login" method="POST">

```

```

        <div class="msg">{{msg}}</div>
        
        <h2 class="title">Welcome</h2>
    <div class="input-div one">
        <div class="i">
            <i class="fas fa-user"></i>

        </div>
        <div class="div">
            <h5>Username</h5>
            <input type="text" name="username" class="input" required> </div>
        </div>
        <div class="input-div pass"> <div
        class="i">
            <i class="fas fa-lock"></i>
        </div>
        <div class="div">
            <h5>Password</h5>
            <input type="password" name="password" class="input" required>
        </div>
    </div>
    </div>
    <a href="#">Forgot Password?</a>
    <input type="button" onclick="parent.location='base1.html'" class="btn btn-primary"
value="Login">

        <span>OR</span>
        <div><b>Login with</b></div> <div>
            <ul>
                <li><a href="#"><i class="fab fa-facebook" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-twitter" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-google" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-linkedin" aria-
hidden="true"></i></a></li>
                <li><a href="#"><i class="fab fa-instagram" aria-
hidden="true"></i></a></li>
            </ul>
        </div>

```

```
                <div class="app" ><b>Don't have an account?</b><a id="app1"
href="signup1.html">REGISTER.here</a></div>
            </form>
        </div>
    </div>
    <script type="text/javascript" src="C:\Users\mahal\Desktop\Templates\static\login1.js"></script>
</body>
</html>
```

login.css

```
*{ padding: 0;
    margin: 0;
    box-sizing: border-box;
}
body{
    font-family: 'Poppins', sans-serif;
    overflow: hidden;
}
.wave{ position: fixed;
    bottom: 0;
    left: 0;
    height: 100%;
    z-index: -1;
}
.container{
    width: 100vw;
    height: 100vh;
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    grid-gap :7rem;
    padding: 0 2rem;
}
.img{ display: flex; justify-content:
    flex-end;
    align-items: center;
}
```



```
.login-content{ display: flex; justify-
    content: flex-start; align-
    items: center;
    text-align: center;
}
.img img{ width:
    500px;
}
form{ width: 360px;
}
.login-content img{
    height: 100px;
}
.login-content h2{ margin: 15px 0;
    color: #333; text-transform:
    uppercase; font-size:
    2.9rem;
}
.login-content .input-div{ position:
    relative;
    display: grid;
    grid-template-columns: 7% 93%;
    margin: 25px 0;
    padding: 5px 0;
    border-bottom: 2px solid #d9d9d9;
}
.login-content .input-div.one{ margin-top: 0;
}
.i{
    color: #d9d9d9; display:
    flex; justify-content:
    center;
    align-items: center;
}
.i i{
    transition: .3s;
} .input-div >
div{
```

```

    position: relative; height:
        45px;
}
.input-div > div > h5{ position:
    absolute; left: 10px; top: 50%;
    transform: translateY(-50%);
    color: #999; font-size: 18px;
    transition: .3s;
}
.input-div:before, .input-div:after{
    content: ""; position:
    absolute; bottom: -2px;
    width: 0%; height: 2px;
    background-color: #38d39f; transition:
        .4s;
}
.input-div:before{ right:
    50%;
}
.input-div:after{ left:
    50%;
}
.input-div.focus:before, .input-div.focus:after{ width:
    50%;
}
.input-div.focus > div > h5{ top: -
    5px;
    font-size: 15px;
}
.input-div.focus > .i > i{ color:
    #38d39f;
}
.input-div > div > input{ position:
    absolute;
    left: 0; top: 0; width:
    100%; height: 100%;
    border: none; outline:
    none; background: none;
    padding: 0.5rem 0.7rem;

```

```

        font-size: 1.2rem; color:
        #555;
        font-family: 'poppins', sans-serif;
    }
    .input-div.pass{ margin-bottom:
        4px;
    } a{ display: block; text-align:
    right; text-decoration: none;
    color: #999; font-size: 0.9rem;
    transition: .3s;
    }
    a:hover{ color: #38d39f;
    }
    .btn{ display: block; width:
        100%; height: 50px;
        border-radius: 25px;
        outline: none;
        border: none;
        background-image: linear-gradient(to right, #32be8f, #38d39f, #32be8f);
        background-size: 200%; font-size: 1.2rem; color: #fff;
        font-family: 'Poppins', sans-serif;
        text-transform: uppercase;
        margin: 1rem 0; cursor: pointer;
        transition: .5s;
    }
    .btn:hover{ background-position:
        right;
    }
    @media screen and (max-width: 1050px){
        .container{ grid-gap:
            5rem;
        }
    }
    @media screen and (max-width: 1000px){
        form{ width: 290px;
        }
        .login-content h2{
            font-size: 2.4rem;
            margin: 8px 0; }
    }

```

```

        .img img{ width:
            400px;
        }
    }
    @media screen and (max-width: 900px){
        .container{ grid-template-columns:
            1fr;
        }
        .img{ display: none;
        }
        .wave{ display: none;
        }
        .login-content{ justify-content:
            center;
        }
    }
    .container{ overflow:scroll
    }
    .container::-webkit-scrollbar {
        display: none;
    }
    ul { position:relative; top:-20px; left:0%;
        right:10%; transform: translate(-
        50%, -50%); margin: 75px;
        padding:0; display:flex;
        flex:auto;
    }
    ul li {
        list-style: none;
    }
    ul li a {
        position: relative;
        width:60px; height:60px;
        display:block; text-
        align:center; margin:0
        10px; border-radius: 50%;
        padding: 6px; box-sizing:
        border-box; text-

```

```

        decoration:none; box-
        shadow: 0 10px 15px
        rgba(0,0,0,0.3);
        background: linear-
        gradient(0deg, #ddd,
        #fff);
        transition: .5s;
    }
    ul li a:hover { box-shadow: 0 2px 5px
        rgba(0,0,0,0.3); text-decoration:none;
    }
    ul li a .fab {
        width: 100%; height:100%;
        display:block;
        background: linear-gradient(0deg, #fff, #ddd);
        border-radius: 50%; line-height: calc(60px -
        12px); font-size:24px; color: #262626;
        transition: .5s;
    }
    ul li:nth-child(1) a:hover .fab { color:
        #3b5998;
    }
    ul li:nth-child(2) a:hover .fab { color:
        #00aced;
    }
    ul li:nth-child(3) a:hover .fab { color:
        #dd4b39;
    }
    ul li:nth-child(4) a:hover .fab { color:
        #007bb6;
    }
    ul li:nth-child(5) a:hover .fab { color:
        #e4405f;
    }
    .app{
        position: relative;
        top: -70px;
        height: 5%;
    }

```

```
#app1{
    font-style: oblique;
    color:blue ;
}
#png{
    position: relative;
    top: -300px;
    right: 50px;
}
```

login.js

```
const inputs = document.querySelectorAll(".input");
function addcl(){ let parent =
this.parentNode.parentNode;
parent.classList.add("focus");
}
function remcl(){ let parent =
    this.parentNode.parentNode; if(this.value
    == ""){ parent.classList.remove("focus");
    }
}
inputs.forEach(input => { input.addEventListener("focus",
    addcl);
    input.addEventListener("blur", remcl);
});
```

db - mike.py

```
from flask import Flask, render_template, request, redirect, session import ibm_db conn =
ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;SECURITY=SS
L;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=vpq40294;PWD=2LZdL55bbMzhzKmr","") import
re app = Flask(__name__)
app.secret_key = 'a'
#HOME--PAGE
@app.route("/home") def
home():
```

```

    return render_template("homepage.html")
@app.route("/") def
add():
    return render_template("home.html")
#SIGN--UP--OR--REGISTER @app.route("/signup")
def signup():
    return render_template("signup.html")

```

base1.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0JlflDPvg6uqKI2xXr2" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VKAz3H66lZ81PoYIFhbgU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPLyXofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>
    <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
    <title>base</title>
</head>
<body>
    <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color:
#e3f2fd;">
        <a class="navbar-brand" href="#">MyBudget</a>

```

```

<button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
  <span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent">
  <ul class="navbar-nav mr-auto">
    <li class="nav-item active">
      <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="add1.html">Add</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="display1.html">History</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="limit1.html">LIMIT</a>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Report
      </a>
      <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="today1.html">TODAY</a>
        <a class="dropdown-item" href="month1.html">Month</a>
        <a class="dropdown-item" href="year1.html">Year</a>
      </div>
    </li>
  </ul>
  <div class="form-inline my-5 my-lg-1" style="position: absolute; left: 1250px;">
    <ul class="navbar-nav mr-auto " > <li class="nav-item dropdown btn-group open">
      <a class="btn btn-primary" href="#"><i class="fa fa-user fa-fw"></i>User </a> <a
class="btn btn-primary dropdown-toggle "href="#" id="navbarDropdown"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
    </a>

```



```
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
  <a class="dropdown-item" href="#">Profile</a>
  <a class="dropdown-item" href="#">Settings</a>
  <a class="dropdown-item" href="#">Contact-Us</a>
  <div class="dropdown-divider"></div>
  <a class="dropdown-item" style="color: darkred;" href="/logout1">Log-Out <i class="fa fasign-
out" aria-hidden="true"></i></a>
</div>
</li>
```

```
<div>
</ul>
</div>
```

```
</div>
</nav>
<div id=aa class="container">
  <div class="ccc">
    
    <h1>LET START JOURNEY</h1>
    <P>MyBudget web application helps<br> you to maintain budget<br>
    and analyse the expense</P>
    
  </div>
  <br>
  <br>
  <br>
  <span class="btn btn-outline-dark">Let's Begin</span>
</br>
</br>
</br>
</div>
<style>
H1 {
  position: relative;
```

```

    right: -790PX;
    top: -400PX;
    color: RED;
  }
p{
position: relative;
right: -800px; top:
-350px;
font-family:monospace;
}
span{
    position: relative; right: -
800px;
top: -360px;
}
.ccc {
    position: relative;
    top:80px;
    left:-100px;
}
</style>
{% block body %}
{% endblock %}
</body>
</html>

```

add1.html

```

{% extends 'base.html' %}
{% block body %}
<head>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0JlflDPvg6uqKI2xXr2" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>

```

```

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VVKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUtOBvfO8shuf57BaghqFfPIYxofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>
<link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
</head>
<body>
  <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
    <a class="navbar-brand" href="#">MyBudget</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
          <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="add1.html">Add</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="display1.html">History</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="limit1.html">LIMIT</a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Report

```

```

</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
  <a class="dropdown-item" href="today1.html">TODAY</a>
  <a class="dropdown-item" href="month1.html">Month</a>
  <a class="dropdown-item" href="year1.html">Year</a>
</div>
</li>
</ul>
</div>
</div>
</nav>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
</head>
<div class="container">
  <div class="row">
    <div class="col-md-6">
      <h3>Add Expense</h3>
      <form action="addexpense" method="POST">
        <div class="form-group">
          <label for="">Date</label>
          <input class="form-control" type="datetime-local" name="date" id="date"></div>
          <div class="form-group"> <label for="">Expense name</label>
            <input class="form-control" type="text" name="expensename" id="expensename">
          </div>
          <div class="form-group">
            <label for="">Expense Amount</label>
            <input class="form-control" type="number" min="0" name="amount" id="amount">
          </div>
        <br></br>
        <div class="form-group">
          <label for=""></label>
          <select class="form-control" name="paymode" id="paymode">
            <option selected hidden>Pay-Mode</option>

```

```

        <option name="cash" value="cash">cash</option>
        <option name="debitcard" value="debitcard">debitcard</option>
        <option name="creditcard" value="creditcard">creditcard</option>
        <option name="epayment" value="epayment">epayment</option>
        <option name="onlinebanking" value="onlinebanking">onlinebanking</option>
    </select>
    <br>
</br>
    <div class="form-group">
        <label for=""></label>
        <select class="form-control" name="category" id="category">
            <option selected hidden>Category</option>
            <option name = "food" value="food">food</option>
            <option name = "entertainment" value="entertainment">Entertainment</option>
            <option name = "business" value="business">Business</option>
            <option name = "rent" value="rent">Rent</option>
            <option name = "EMI" value="EMI">EMI</option>
            <option name = "other" value="other">other</option>
        </select>
    </div>
    <input class="btn btn-danger" onclick="parent.location='display1.html'" type="button"
value="Add" id="">
</form>
    <div style="position: relative; left: 590px; top: -460px;" class="image">

    </div>
</div>
</div>
</div>
{% endblock %}

```

display1.html

```

{% extends 'base.html' %}
{% block body %}
<head>

```

```

<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
  <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
    <a class="navbar-brand" href="#">MyBudget</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">      <ul
class="navbar-nav mr-auto">
      <li class="nav-item active">
        <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="add1.html">Add</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="display1.html">History</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="limit1.html">LIMIT</a>
      </li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
          Report
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
          <a class="dropdown-item" href="today1.html">TODAY</a>
          <a class="dropdown-item" href="month1.html">Month</a>
          <a class="dropdown-item" href="year1.html">Year</a>
        </div>
      </li>

```

```

    </ul>
</div>
</nav>
<div class="container ">
  <h3 class="mt-3">EXPENSES</h3>
  {% if expense is defined %}
  {% for row in expense %}
  <div class="row">
    <div class="col-md-12">
      <div class="card shadow-sm mb-2 bg-white rounded"></div>
      <div class="card-body">
        <div class="row">
          <div class="col-md-2">
            <span class="btn btn-outline-dark">{{row[2]}}</span> </div>
          <div class="col-md-2 mt-3"><h6>{{row[3]}}</h6></div>
          <div class="col-md-2 mt-3"><span style="color: rgb(255, 0, 0)"> {{row[4]}} </div>
          <div class="col-md-2 mt-3">
            <span class="badge badge-pill badge-info">{{row[5]}}</span>
          </div>
          <div class="col-md-2 mt-3">
            <span class="badge badge-primary">{{row[6]}}</span>
          </div>
          <div class="col-md-1 mt-3">
            <a href="edit1.html" class="btn btn-sm btn-success">Edit</a>
          </div>
          <div class="col-md-1 mt-3">
            <a href="delete/{{row[0]}}" class="btn btn-sm btnDelete btn-
success">Delete</a>
          </div>
        </div>
      </div>
    </div>
  </div>
  </div>
  <!--when no DATA-Found-->
  {% else %}
  <div class="card shadow-sm mb-2 bg-white rounded"></div>
  <div class="card-body">

```

```
<div style="text-align: center ; font-family: monospace; color:red ; "><h5><a href="add1.html"> ADD-  
DATA </a> to Display</h3></div>
```

```

```

```
</div>
```

```
{% endfor %}
```

```
{% endif %}
```

```
<div class="row">
```

```
<div class="col-md-6">
```

```
<h3 class="mt-5">Expense Breakdown</h3>
```

```
<div class="card shadow mb-2 bg-white rounded-bottom">
```

```
<div class="card-body ">
```

```
<div class="row">
```

```
<div class="col-md-6">Food</div>
```

```
<div id="tfood" class="col-md-6"> {{ t_food}} </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="card shadow mb-2 bg-white rounded">
```

```
<div class="card-body">
```

```
<div class="row">
```

```
<div class="col-md-6">Entertainment</div>
```

```
<div id="tentertainment" class="col-md-6"> {{ t_entertainment}} </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="card shadow mb-2 bg-white rounded">
```

```
<div class="card-body">
```

```
<div class="row">
```

```
<div class="col-md-6">Business</div>
```

```
<div id="tbusiness" class="col-md-6"> {{t_business}} </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="card shadow mb-2 bg-white rounded">
```

```
<div class="card-body">
```

```
<div class="row">
```



```

        <div class="col-md-6">Rent</div>
        <div id="trent" class="col-md-6"> {{ t_rent }} </div>
    </div>
</div>
<div class="card shadow mb-2 bg-white rounded">
    <div class="card-body">
        <div class="row">
            <div class="col-md-6">EMI</div>
            <div id="temi" class="col-md-6">{{ t_EMI }} </div>
        </div>
    </div>
</div>
<div class="card shadow mb-2 bg-white rounded">
    <div class="card-body">
        <div class="row">
            <div class="col-md-6">Other</div>
            <div id="tother" class="col-md-6"> {{ t_other }}</div>
        </div>
    </div>
</div>
<div class="card shadow mb-2 btn-outline-danger rounded-pill">
    <div class="card-body">
        <div class="row">
            <div class="col-md-6">Total</div>
            <div class="col-md-6">₹ {{total}} </div>
        </div>
    </div>
</div>
</div>
<div class="col-md-6">
<canvas id="myChart" width="400" height="400"></canvas>
<script>
    let food = document.getElementById('tfood').innerHTML
    let entertainment = document.getElementById('tentertainment').innerHTML
    let business = document.getElementById('tbusiness').innerHTML
    let rent = document.getElementById('trent').innerHTML

```

```

    let emi = document.getElementById('temi').innerHTML
    let other = document.getElementById('tother').innerHTML
    var ctx = document.getElementById('myChart').getContext('2d');
    var myChart = new Chart(ctx, {
      type: 'doughnut',
      data: {
        labels: ['Food', 'Entertainment', 'Business', 'Rent', 'EMI', 'Other'],
        datasets: [{
          label: 'Expenses Chart',
          data: [food, entertainment, business, rent, emi, other],
          backgroundColor: [
            'rgb(255, 99, 132)',
            'rgb(0, 0, 0)',
            'rgb(255, 205, 86)',
            'rgb(201, 203, 207)',
            'rgb(54, 162, 235)',
            'rgb(215, 159, 64)'
          ],
        }]
      },
      options: {
        responsive: true,
        plugins: {
          legend: {
            position: 'bottom',
          },
          title: {
            display: true,
            text: 'EXPENSE BREAKDOWN'
          }
        }
      }
    });
  </script>
</div>
</div>
</div>

```

```
{% endblock %}
```

edit1.html

```
{% extends 'base.html' %}
```

```
{% block body %}
```

```
<head>
```

```
    <link rel="stylesheet"
```

```
    href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
    TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0JlflDPvg6uqKI2xXr2" crossorigin="anonymous">
```

```
    <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
```

```
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
    DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
```

```
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
    9/reFTGAW83EW2RDu2S0VKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
    crossorigin="anonymous"></script>
```

```
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
    integrity="sha384-
    B4gt1jrGC7Jh4AgTPSDuTObvFO8shuf57BaghqFfPLYxcOfvL8/KUEfYiJOMMV+rV"
    crossorigin="anonymous"></script>
```

```
    <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
    integrity="sha384-
    AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
    crossorigin="anonymous"/>
```

```
</head>
```

```
<div class="container">
```

```
    <div class="row">
```

```
        <div class="col-md-6">
```

```
            <h3>Edit Expense</h3>
```

```
            <form action="/update/{{expenses[0]}}" method="POST">
```

```
                <input type="hidden" class="form-control" name="" value = "{{expenses[0]}}" id="">
```

```
        <div class="form-group">
```

```
            <label for="">Date</label>
```

```
            <input class="form-control" type="datetime-local" name="date" value="{{expenses[2]}}"
            id="date"></div>
```

```
        <script type="text/javascript">
```

```
            var d = new Date(value="{{expenses[2]}}" );
```

```
            var elem = document.getElementById("date");
```

```

        elem.value = d.toISOString().slice(0,16);
</script>
    <div class="form-group"> <label for="">Expense name</label>
        <input class="form-control" type="text" name="expensename"
value="{{expenses[3]}}" id="expensename">
    </div>
    <div class="form-group">
        <label for="">Expense Amount</label>
        <input class="form-control" type="number" min="0" name="amount"
value="{{expenses[4]}}" id="amount">
    </div>
    <div class="form-group">
        <label for=""></label>
        <select class="form-control" name="paymode" value="{{expenses[5]}}" id="paymode">
            <option selected hidden>{{expenses[5]}}</option>
            <option value="cash">cash</option>
            <option value="debitcard">debitcard</option>
            <option value="creditcard">creditcard</option>
            <option value="epayment">epayment</option>
            <option value="onlinebanking">onlinebanking</option>
        </select>
    <div class="form-group">
        <label for=""></label>
        <select class="form-control" name="category" value="{{expenses[6]}}" id="category">
            <option selected hidden>{{expenses[6]}}</option>
            <option value="food">food</option>
            <option value="entertainment">Entertainment</option>
            <option value="business ">Business</option>
            <option value="rent">Rent</option>
            <option value="EMI">EMI</option>
            <option value="other">other</option>
        </select>
    </div>
    <input class="btn btn-danger" onclick="parent.location='display1.html'" type="button"
value="Update" id="">
</form>
</div>
</div>

```

```
</div>
{% endblock %}
```

limit1.html

```
{% extends 'base.html' %}
{% block body %}
<head>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5ulKz4rEkgIXeMed4M0JlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/chart.js@3.2.1/dist/chart.min.js"></script>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js" integrity="sha384-
9/reFTGAW83EW2RDu2S0VVKalzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"
integrity="sha384-
B4gt1jrGC7Jh4AgTPSdUutOBvfO8shuf57BaghqFfPLYxofvL8/KUEfYiJOMMV+rV"
crossorigin="anonymous"></script>
  <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
  <title>base</title>
</head>
<body>
  <nav class="navbar sticky-top navbar-expand-lg navbar-light" style="background-color: #e3f2fd;">
    <a class="navbar-brand" href="#">MyBudget</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse"
datatarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" ariaexpanded="false"
aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
```

```

        <a class="nav-link" href="home1.html">Home <span class="sr-only">(current)</span></a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="add1.html">Add</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="display1.html">History</a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="limit1.html">LIMIT</a>
    </li>
    <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
        datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Report
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="today1.html">TODAY</a>
            <a class="dropdown-item" href="month1.html">Month</a>
            <a class="dropdown-item" href="year1.html">Year</a>
        </div>
    </li>
</ul>

<div class="form-inline my-5 my-lg-1" style="position: absolute; left: 1250px;">
<ul class="navbar-nav mr-auto " > <li class="nav-item dropdown btn-group open">
    <a class="btn btn-primary" href="#"><i class="fa fa-user fa-fw"></i>User </a> <a
class="btn btn-primary dropdown-toggle "href="#" id="navbarDropdown"
datatoggle="dropdown" aria-haspopup="true" aria-expanded="false">
</a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="#">Profile</a>
        <a class="dropdown-item" href="#">Settings</a>
        <a class="dropdown-item" href="#">Contact-Us</a>
        <div class="dropdown-divider"></div>
        <a class="dropdown-item" style="color: darkred;" href="/logout1">Log-Out <i class="fa fasign-
out" aria-hidden="true"></i></a>
    </div>

```

```

        </li>
    </div>
</ul>
</div>
</div>
</nav>
<body>
<p> Currently your MONTHLY limit is ₹ </p>
<form action="/limitnum" method="POST">
    <p> ENTER the MONTHLY LIMIT to avoid over EXPENSES</p> <br/>
    <input type="number" name="number" required/> <span>
        <button class="btn btn-warning" type="submit">ENTER</button>    </span>
</body>
</form>
{% endblock %}

```

app.py

```

from flask import Flask, render_template, request, redirect, session
import re
from base import DB2
from flask_db2 import DB2
import ibm_db
import ibm_db_dbi
from sendgrid import sendgridmail, sendmail
import os
app = Flask(__name__)
app.secret_key = 'a'
"""
dsn_hostname = "9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"
dsn_uid = "vpq40294"
dsn_pwd = "2LZdL55bbMzhzKmr"
dsn_driver = "{IBM DB2 ODBC DRIVER}"
dsn_database = "bludb"
dsn_port = "32459"
dsn_protocol = "tcpip"
dsn = (
"DRIVER={0};"
"DATABASE={1};"
"HOSTNAME={2};"
"PORT={3};"
"PROTOCOL={4};"
"UID={5};"
"PWD={6};"

```

```

).format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol, dsn_uid, dsn_pwd)
"""

app.config['database'] = 'bludb' app.config['hostname'] =
'9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
app.config['port'] = '32459' app.config['protocol']
= 'tcpip' app.config['uid'] = 'vpq40294'
app.config['pwd'] = '2LZdL55bbMzhzKmr'
app.config['security'] = 'SSL' try:
    mysql = DB2(app)
    conn_str='database=bludb;hostname=9938aec0-8105-433e-
8bf90fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;\
        uid=vpq40294;pwd=2LZdL55bbMzhzKmr;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())
#HOME--PAGE
@app.route("/base") def
home():
    return render_template("base1.html")
@app.route("/") def
add():
    return render_template("home1.html")
#SIGN--UP--OR--REGISTER
@app.route("/signup") def
signup():
    return render_template("signup1.html")
@app.route('/register', methods=['GET', 'POST'])
def register():    msg = "
    print("Break point1")
    if request.method == 'POST' :
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        print("Break point2" + "name: " + username + "-----" + email + "-----" + password)
    try:
        print("Break point3")
        connectionID = ibm_db_dbi.connect(conn_str, " , ")

```



```

        cursor = connectionID.cursor()
        print("Break point4")
except:
    print("No connection Established")
print("Break point5")
sql = "SELECT * FROM register WHERE username = ?"
stmt = ibm_db.prepare(ibm_db_conn, sql)
ibm_db.bind_param(stmt, 1, username)
ibm_db.execute(stmt)
result = ibm_db.execute(stmt)
print(result)
account = ibm_db.fetch_row(stmt)
print(account)
param = "SELECT * FROM register WHERE username = " + "\"" + username + "\""
res = ibm_db.exec_immediate(ibm_db_conn, param)
print("---- ")
dictionary = ibm_db.fetch_assoc(res)
while dictionary != False:
    print("The ID is : ", dictionary["USERNAME"])
    dictionary = ibm_db.fetch_assoc(res)
print("break point 6")
if account:
    msg = 'Username already exists !'
elif not re.match(r'^[@]+@[^@]+\.[^@]+', email):
    msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
    msg = 'name must contain only characters and numbers !'
else:
    sql2 = "INSERT INTO register (username, email,password) VALUES (?, ?, ?)"
    stmt2 = ibm_db.prepare(ibm_db_conn, sql2)
    ibm_db.bind_param(stmt2, 1, username)
    ibm_db.bind_param(stmt2, 2, email)
    ibm_db.bind_param(stmt2, 3, password)
    ibm_db.execute(stmt2)
    msg = 'You have successfully registered !'
return render_template('signup.html', msg = msg)
#LOGIN--PAGE

```

```

@app.route("/signin") def
signin():
    return render_template("login1.html")
@app.route('/login',methods=['GET', 'POST']) def
login():
    global userid
    msg = "
    if request.method == 'POST' :
        username = request.form['username']
        password = request.form['password']
        sql = "SELECT * FROM register WHERE username = ? and password = ?"
        stmt = ibm_db.prepare(ibm_db_conn, sql)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.bind_param(stmt, 2, password)
        result = ibm_db.execute(stmt)
        print(result)
        account = ibm_db.fetch_row(stmt)
        print(account)
        param = "SELECT * FROM register WHERE username = " + "\"" + username + "\"" + " and password = "
" + "\"" + password + "\""
        res = ibm_db.exec_immediate(ibm_db_conn, param)
        dictionary = ibm_db.fetch_assoc(res)
        # sendmail("hello","lokhitarajan@gmail.com")
        if account:
            session['loggedin'] = True
            session['id'] = dictionary["ID"]
            userid = dictionary["ID"]
            session['username'] = dictionary["USERNAME"]
            session['email'] = dictionary["EMAIL"]
            return redirect('/home1')
        else:
            msg = 'Incorrect username / password !'
    return render_template('login1.html', msg = msg)
#ADDING----DATA
@app.route("/add1") def
adding():
    return render_template('add1.html')

```

```

@app.route('/addexpense',methods=['GET', 'POST']) def
addexpense():
    date = request.form['date']
    expensename = request.form['expensename']
    amount = request.form['amount']
    paymode = request.form['paymode']
    category = request.form['category']
    print(date)
    p1 = date[0:10]
    p2 = date[11:13]
    p3 = date[14:]
    p4 = p1 + "-" + p2 + "." + p3 + ".00"
    print(p4)
    sql = "INSERT INTO expenses (userid, date, expensename, amount, paymode, category) VALUES (?, ?,
?, ?, ?, ?)"
    stmt = ibm_db.prepare(ibm_db_conn, sql)
    ibm_db.bind_param(stmt, 1, session['id'])
    ibm_db.bind_param(stmt, 2, p4)
    ibm_db.bind_param(stmt, 3, expensename)
    ibm_db.bind_param(stmt, 4, amount)
    ibm_db.bind_param(stmt, 5, paymode)
    ibm_db.bind_param(stmt, 6, category)
    ibm_db.execute(stmt)
    print("Expenses added")
    # email part
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND
MONTH(date) = MONTH(current timestamp) AND YEAR(date) = YEAR(current timestamp)
ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])

```

```

        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        expense.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
total=0
for x in expense:
    total += x[4]
param = "SELECT id, limitss FROM limits WHERE userid = " + str(session['id']) + " ORDER BY id DESC
LIMIT 1"
res = ibm_db.exec_immediate(ibm_db_conn, param)
dictionary = ibm_db.fetch_assoc(res)
row = []
s = 0
while dictionary != False:
    temp = []
    temp.append(dictionary["LIMITSS"])
    row.append(temp)
    dictionary = ibm_db.fetch_assoc(res)
    s = temp[0]
if total > int(s):
    msg = "Hello " + session['username'] + " , " + "you have crossed the monthly limit of Rs. " + s
+ "/- !!!" + "\n" + "Thank you, " + "\n" + "Team Personal Expense Tracker."
    sendmail(msg,session['email'])
    return redirect("/display1")
#DISPLAY---graph
@app.route("/display1")
def display():
    print(session["username"],session['id'])
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])

```

```

        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        expense.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
    return render_template('display1.html', expense = expense)

#delete---the--data
@app.route('/delete/<string:id>', methods = ['POST', 'GET' ]) def
delete(id):
    param = "DELETE FROM expenses WHERE id = " + id
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    print('deleted successfully')
    return redirect("/display1")

#UPDATE---DATA
@app.route('/edit/<id>', methods = ['POST', 'GET' ])
def edit(id):
    param = "SELECT * FROM expenses WHERE id = " + id
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    row = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        row.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
    print(row[0])

```

```

    return render_template('edi1t.html', expenses = row[0])
@app.route('/update/<id>', methods = ['POST']) def
update(id):
    if request.method == 'POST' :
        date = request.form['date']
        expensename = request.form['expensename']
        amount = request.form['amount']
        paymode = request.form['paymode']
        category = request.form['category']
        p1 = date[0:10]
        p2 = date[11:13]
        p3 = date[14:]
        p4 = p1 + "-" + p2 + "." + p3 + ".00"
        sql = "UPDATE expenses SET date = ? , expensename = ? , amount = ? , paymode = ? , category = ?
WHERE id = ?"
        stmt = ibm_db.prepare(ibm_db_conn, sql)
        ibm_db.bind_param(stmt, 1, p4)
        ibm_db.bind_param(stmt, 2, expensename)
        ibm_db.bind_param(stmt, 3, amount)
        ibm_db.bind_param(stmt, 4, paymode)
        ibm_db.bind_param(stmt, 5, category)
        ibm_db.bind_param(stmt, 6, id)
        ibm_db.execute(stmt)
        print('successfully updated')
        return redirect("/display1")
#limit
@app.route("/limit1" )
def limit():
    return redirect('/limitn')
@app.route("/limitnum" , methods = ['POST' ]) def
limitnum():
    if request.method == "POST":
        number= request.form['number']
        # cursor = mysql.connection.cursor()
        # cursor.execute('INSERT INTO limits VALUES (NULL, % s, % s) ',(session['id'], number))
        # mysql.connection.commit()
        sql = "INSERT INTO limits (userid, limitss) VALUES (?, ?)"

```

```

        stmt = ibm_db.prepare(ibm_db_conn, sql)
        ibm_db.bind_param(stmt, 1, session['id'])
        ibm_db.bind_param(stmt, 2, number)
        ibm_db.execute(stmt)
        return redirect('/limitn') @app.route("/limitn")

def limitn():
    # cursor = mysql.connection.cursor()
    # cursor.execute('SELECT limitss FROM `limits` ORDER BY `limits`.`id` DESC LIMIT 1') # x=
    cursor.fetchone()
    # s = x[0]
    param = "SELECT id, limitss FROM limits WHERE userid = " + str(session['id']) + " ORDER BY id DESC
LIMIT 1"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    row = []
    s = " /-"
    while dictionary != False:
        temp = []
        temp.append(dictionary["LIMITSS"])
        row.append(temp)
        dictionary = ibm_db.fetch_assoc(res)
        s = temp[0]
    return render_template("limit1.html" , y= s)

#REPORT

@app.route("/today1") def
today():
    param1 = "SELECT TIME(date) as tn, amount FROM expenses WHERE userid = " + str(session['id']) + "
AND DATE(date) = DATE(current timestamp) ORDER BY date DESC"
    res1 = ibm_db.exec_immediate(ibm_db_conn, param1)
    dictionary1 = ibm_db.fetch_assoc(res1)
    texpanse = []
    while dictionary1 != False:
        temp = []
        temp.append(dictionary1["TN"])
        temp.append(dictionary1["AMOUNT"])
        texpanse.append(temp)
        print(temp)

```

```

    dictionary1 = ibm_db.fetch_assoc(res1)
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND DATE(date)
= DATE(current timestamp) ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        expense.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
    total=0
    t_food=0
    t_entertainment=0
    t_business=0
    t_rent=0
    t_EMI=0
    t_other=0
    for x in expense:
        total += x[4]
        if x[6] == "food":
            t_food += x[4]
        elif x[6] == "entertainment":
            t_entertainment += x[4]
        elif x[6] == "business":
            t_business += x[4]
        elif x[6] == "rent":
            t_rent += x[4]
        elif x[6] == "EMI":
            t_EMI += x[4]

```



```

        elif x[6] == "other":
            t_other += x[4]
    print(total)
    print(t_food)
    print(t_entertainment)
    print(t_business)
    print(t_rent)
    print(t_EMI)
    print(t_other)
    return render_template("today1.html", texpanse = texpanse, expense = expense, total = total ,
                           t_food = t_food, t_entertainment = t_entertainment,
                           t_business = t_business, t_rent = t_rent,
                           t_EMI = t_EMI, t_other = t_other )

@app.route("/month1") def
month():
    param1 = "SELECT DATE(date) as dt, SUM(amount) as tot FROM expenses WHERE userid = "
+ str(session['id']) + " AND MONTH(date) = MONTH(current timestamp) AND YEAR(date) =
YEAR(current timestamp) GROUP BY DATE(date) ORDER BY DATE(date)"
    res1 = ibm_db.exec_immediate(ibm_db_conn, param1)
    dictionary1 = ibm_db.fetch_assoc(res1)    texpanse
= []
    while dictionary1 != False:
        temp = []
        temp.append(dictionary1["DT"])
        temp.append(dictionary1["TOT"])
        texpanse.append(temp)
        print(temp)
        dictionary1 = ibm_db.fetch_assoc(res1)
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND
MONTH(date) = MONTH(current timestamp) AND YEAR(date) = YEAR(current timestamp)
ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])

```

```

temp.append(dictionary["USERID"])
temp.append(dictionary["DATE"])
temp.append(dictionary["EXPENSENAME"])
temp.append(dictionary["AMOUNT"])
temp.append(dictionary["PAYMODE"])
temp.append(dictionary["CATEGORY"])
expense.append(temp)
print(temp)
dictionary = ibm_db.fetch_assoc(res)
total=0
t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in expense:
    total += x[4]
    if x[6] == "food":
        t_food += x[4]
    elif x[6] == "entertainment":
        t_entertainment += x[4]
    elif x[6] == "business":
        t_business += x[4]
    elif x[6] == "rent":
        t_rent += x[4]
    elif x[6] == "EMI":
        t_EMI += x[4]
    elif x[6] == "other":
        t_other += x[4]
print(total)
print(t_food)
print(t_entertainment)
print(t_business)
print(t_rent)
print(t_EMI)
print(t_other)

```

```

return render_template("today1.html", texpanse = texpanse, expense = expense, total = total ,
    t_food = t_food,t_entertainment = t_entertainment,
    t_business = t_business, t_rent = t_rent,
    t_EMI = t_EMI, t_other = t_other )

@app.route("/year1") def
year():
    param1 = "SELECT MONTH(date) as mn, SUM(amount) as tot FROM expenses WHERE userid = " +
str(session['id']) + " AND YEAR(date) = YEAR(current timestamp) GROUP BY
MONTH(date) ORDER BY MONTH(date)"
    res1 = ibm_db.exec_immediate(ibm_db_conn, param1)
    dictionary1 = ibm_db.fetch_assoc(res1)
    texpanse = []
    while dictionary1 != False:
        temp = []
        temp.append(dictionary1["MN"])
        temp.append(dictionary1["TOT"])
        texpanse.append(temp)
        print(temp)
        dictionary1 = ibm_db.fetch_assoc(res1)
    param = "SELECT * FROM expenses WHERE userid = " + str(session['id']) + " AND YEAR(date)
= YEAR(current timestamp) ORDER BY date DESC"
    res = ibm_db.exec_immediate(ibm_db_conn, param)
    dictionary = ibm_db.fetch_assoc(res)
    expense = []
    while dictionary != False:
        temp = []
        temp.append(dictionary["ID"])
        temp.append(dictionary["USERID"])
        temp.append(dictionary["DATE"])
        temp.append(dictionary["EXPENSENAME"])
        temp.append(dictionary["AMOUNT"])
        temp.append(dictionary["PAYMODE"])
        temp.append(dictionary["CATEGORY"])
        expense.append(temp)
        print(temp)
        dictionary = ibm_db.fetch_assoc(res)
    total=0

```

```

t_food=0
t_entertainment=0
t_business=0
t_rent=0
t_EMI=0
t_other=0
for x in expense:
    total += x[4]
    if x[6] == "food":
        t_food += x[4]
    elif x[6] == "entertainment":
        t_entertainment += x[4]
    elif x[6] == "business":
        t_business += x[4]
    elif x[6] == "rent":
        t_rent += x[4]
    elif x[6] == "EMI":
        t_EMI += x[4]
    elif x[6] == "other":
        t_other += x[4]
print(total)
print(t_food)
print(t_entertainment)
print(t_business)
print(t_rent)
print(t_EMI)
print(t_other)
return render_template("today1.html", texpanse = texpanse, expense = expense, total = total ,
                        t_food = t_food,t_entertainment = t_entertainment,
                        t_business = t_business, t_rent = t_rent,
                        t_EMI = t_EMI, t_other = t_other )

#log-out
@app.route('/logout')
def logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)

```

```
session.pop('email', None)
return render_template('home1.html') port =
os.getenv('VCAP_APP_PORT', '8080') if
__name__ == "__main__":
    app.secret_key = os.urandom(12)
    app.run(debug=True, host='0.0.0.0', port=port)
```

GitHub & Project Demo Link

Github Link

<https://github.com/IBM-EPBL/IBM-Project-4479-1658733360>

Project Demo Link

<https://drive.google.com/file/d/1CcPPrrcHABTTDqpHckxLAvmqhBQ2Qcgh/view?usp=sharing>