



DOCUMENTATION

Personal Expense Tracker Application



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1. INTRODUCTION:

Project Overview:

Expense Tracker application will maintain data of daily, weekly, monthly, yearly expenses, Manages you expenses and earnings in a simple and intuitive way. User can select category of expense and amount of expense spent on each category . User can view and sort expense as per weekly, monthly, yearly. By using this, we can reduce the manual calculations for their expenses and keep the track of the expenditure. In this, user can provide his income to calculate his total expenses per day and these results will stored for unique user. People when usually go for trips or movies with friends ,etc

.They can use this tracker to maintain their expense. It will be easy for them to Share the bill in this tracker.This will display graph as per selected view. And user can enter his monthly income or limit of monthly Expense in this tracker. This tracker system provides an integrated set of features to help you to manage your expenses and cash flow.Then the user can get the best financial tips to save and grow money .

Purpose:

As per our Indian Constitution, Article 51A (h),

“It shall be the duty of every citizen of India to develop the scientific temper, humanism and the spirit of inquiry and reform”

Accordingly, we, the future engineers of this great nation, have developed this project with the following purposes:

- Prioritize Your Spending
- Become Aware of Poor Spending Habits
- Take Control of Your Finances
- Saving and Investment

2. LITERATURE SURVEY:

2.2 Existing Problems:

1. Expense Manager Application:

Year:Dec 2020

Author:A Velmurugan , J Albert Mayan, P Niranjana, Richard Francis

Description:

Mobile applications are top in user convenience and have overpassed the web applications in terms of popularity and usability. There are various mobile applications that provide solutions to manage personal and group expense but not many of them provide a comprehensive view of both cases. In this paper, we develop a mobile application developed for the android platform that keeps record of user personal expenses, his/her contribution in group expenditures, top investment options, view of the current stock market, read authenticated financial news and grab the best ongoing offers in the market in popular categories. The proposed application would eliminate messy sticky notes, spreadsheets confusion and data handling inconsistency problems while offering the best overview of your expenses. With our application can manage their expenses and decide on their budget more effectively.

Technology Stack:

Python,Flask, IBM DB2, Docker,Kubernetes,IBM Cloud, etc..

Result:

The future enhancement section. The application delivered efficiently in calculating split expenses and recording the expenses together accurately with date and time We have developed a mobile application that Keeps track of all of your daily transactions, keeps track of your money lent or borrowed ,suggests you with the most effective investment options, offers your discounts in popular categories , view exchange and to read latest authenticated financial news. This paper's main aim to eliminate the use of sticky notes, spreadsheets and handling of large chunks of data is successful, the new experience is hassle-free and very handy.

2.Expense Tracker

Year: Apr-2021

Author: Aman Garg, Mukul Goel , Sagar Mittal , Mr. Shekhar Singh

Description:

This Expense Tracker is a web application that facilitates the users to keep track and manage their personal as well as business expenses. This application helps the users to keep a digital diary. It will keep track of a user's income and expenses on a daily basis. The user will be able to add his/her expenditures instantly and can review them anywhere and anytime with the help of the internet. He/she can easily import transactions from his/her mobile wallets without risking his/her information and efficiently protecting his/her privacy. He can see the accurate duration for how long a particular product is being used by him. The monthly, and year-wise comparison of expenditures will be done by the app which will let the user know the area where he is spending the most. The user will be able to see the detailed analyses with the help of graphical visualizations. This project will provide a lot of benefits to the users with the help of which they will be surely able to keep track of each penny. It is time to stop using paper and excel sheets to keep track of your digital as well as cash payments. Using paper is not easy to manage. It is common to delete files accidentally or misplace files. This expense tracker provides a complete digital solution to this problem. Excel sheets do very little to help in tracking expenses. Furthermore, they don't have the advanced functionality of preparing graphical visuals automatically. Not only it will save the time of the people but also it will assure error-free calculations. The user just has to enter the income and expenditures and everything else will be performed by the system. Keywords: Expense Tracker, budget, planning, savings, graphical visualization of expenditure.

Result:

Tracking your expenses daily can not only save your amount, but it can also assist you set financial goals for the longer term. If you know exactly where your amount goes every month, you will easily see where some cutbacks and compromises can be made. The project that we have developed is more efficient than the other income and expense trackers. The project successfully avoids the manual calculation which is performed usually in the absence of an expense tracker. The modules are developed efficiently and also in an attractive manner.

3. Personal Financial Management:

Year: June 2015

Author: Thulasimani munohsamy

Description:

Financial experts agree that while people have much more money today than they did generations ago, the amount of knowledge on how to manage that money hasn't kept pace- not at all (Maura Fogarty, 2012). Taking charge of planning and managing our finances and putting it into practice is very important for every individual. This is not only to set up our household budget but also to save, invest as well as plan for our retirement. In this writing, the meaning of financial management, the importance of financial management, how each individual can take steps to manage and plan their finances and the awareness of financial management in Brunei are discussed. The objective of this writing is to create awareness to people the importance of planning and managing their personal finances besides, educating the readers on how to plan and manage every individual's finances for their better today and future which also indirectly leads to the development of the nation.

Result:

Based on this writing, it can be concluded that it is very important for every individual to plan and manage their personal finances in order to lead a happy life. It is important for every individual to have personal financial plan in order to meet their financial goals and obligation, help to retire in comfort, achieve financial freedom, make rational financial decisions and take advantage of every financial opportunity. We are all not born with these knowledge, so it should be everyone's responsibility to learn the strategies to plan and manage our personal financial as this does not only help to lead us to a happy life but also contribute to the development of the nation in the long run.

4. Personal Finance Application:

Year: May 2022

Author: Oshin Rain

Description:

The main purpose to create a personal finance app is to manage private money, track spendings, and plan out a budget. These apps are also known as Money Saving apps because it enables the app users to borrow, lend, and even invest money. Personal budget management is a finance plan that allocates future personal income towards expenses, savings, and debt repayment. Past spending and personal debts are considered when creating a personal budget. Budgeting is the most basic and effective tool for managing our monthly income. But most people avoid doing it because they think keeping a record of budget or expense is a hectic task. Recording monthly expenses on paper are very difficult as modification, removal, and searching are not easy on paper. Similarly using any which run on our computers like MS excel or any other tool is also clumsy. Because we will have to note all expenses on paper then later record them all on the tool installed on a computer. Better solutions use mobile applications to keep a record of every expense easily at any location. In this project, our task is to develop an Android-based application that will be used to manage personal budget.

Result:

Personal finance is a term that covers managing your money as well as saving and investing. It encompasses budgeting, banking, insurance, mortgages, investments, retirement planning, and tax and estate planning. Personal finance is about meeting personal financial goals, whether it's having enough for short-term financial needs, planning for retirement, or saving for your child's college education.

5. Online Income and Expense Tracker:

Year:Mar 2019

Author:S. Chandini,D. Ranjith,V.J. Mohammed Akram,M.S. Vani.

Description:

Income and Expense Tracker will maintain data of daily, weekly, monthly, yearly expenses, Manages your expenses and earnings in a simple and intuitive way. User can select category of expense, enter other information like user can capture photo, add location, select amount of expense etc. And this will save to the local database. Users can view and sort expense as per weekly, monthly, yearly. By using this, we can reduce the manual calculations for their expenses and keep the track of the expenditure. In this, user can provide his income to calculate his total expenses per day and these results will stored for unique user. People when usually go for trips or movies with friends they can use this tracker to maintain their expense. It will be easy for them to share the bill in this tracker. This will display graph as per selected view. And user can enter his monthly income or limit of monthly Expense in this tracker. This tracker system provides an integrated set of features to help you to manage your expenses and cash flow

Result:

Tracking your expenses daily can save your amount, but it can also help you set financial goals for the future. If you know exactly where your amount is going every month, you can easily see where some cutbacks and compromises can be made. The project what we have developed is work more efficient than the other income and expense tracker. The project successfully avoids the manual calculation for avoiding calculating the income and expense per month. The modules are developed with efficient and also in an attractive manner.

2.2 References:

- ❖ https://www.researchgate.net/publication/347972162_Expense_Manager_Application
- ❖ Sankari.A,AlbertMayan.J,"Retrieving call logs and SMS by messaging services" International Journal of Pharmacy & Technology, Issue No.4 , pp.22951-22958,Dec 2016
- ❖ Ankayarkanni B, Albert Mayan J, Aruna J, "Support vector machine for effective robust visual.
- ❖ <https://www.irjet.net/archives/V6/i3/IRJET-V6I31110.pdf>.

2.3 Problem Statement Definition:

Many organizations have their own system to record their income and expenses, which they feel is the main key point of their business progress. It is good habit for a person to record daily expenses and earning but due to unawareness and lack of proper applications to suit their privacy, lacking decision making capacity people are using traditional note keeping methods to do so. Due to lack of a complete tracking system, there is a 2 constant overload to rely on the daily entry of the expenditure and total estimation till the end of the month.

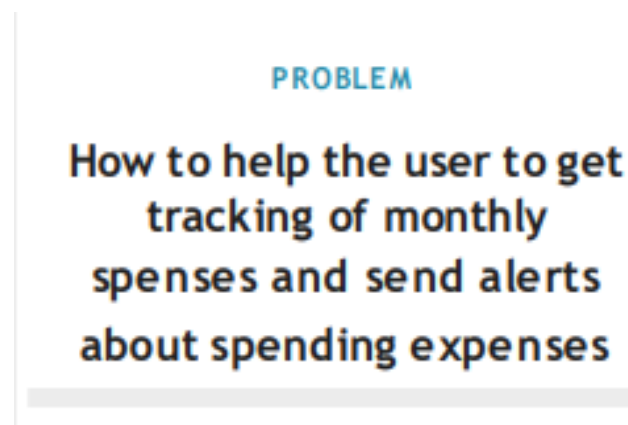
Who does the problem affect?	People getting regular wages.
What is the issue?	The paper based expense tracker system does not provide the user portability, existing system only used on paper based records so unable to update anywhere expenses done and unable to update the location of the expense details disruptive that the proposed system.
When does the issue occurs?	When the digits could not be recognized correctly. When the transactions are not successful. When the elder people unable to understand the smaller handwritten digits. When the paper based expense tracker records are subjected to fire accident, flood, etc.
Where is the issue occurring?	The issue occurs when the person is unable to track his income and expenditure.
Why is it important that we fix the problem?	By solving this issue those people getting regular wages can track their expenses and avoid unwanted expenses.

3. IDEATION & PROPOSED SOLUTION:

3.1 Empathy Map Canvas:



3.2 Ideation & Brainstorming:





Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes



TIP

You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!



Rajesh M S

To user to enter the spending

Limitations for budget

Edit income and expenses

Keep accurate records

Add income and expenses

Add remainder and get notify

Velan M

Set smart budget to help you not over spend money in a choosen catagory

Create a additional steam of income

Get monthly report as pdf or excel sheet

Generate Monthly report

Filter the expenses periodically

Helps you to stick on your budget and cut out impulse spending

Chandhru P

Navigate to dash board

Edit user profile

Set Budget

Visualize the expense

Show cash flow

Generate monthly record

Rajesh Kumar M

To remind user to enter the spendings

Add multiple stream of income

Categorize the expenses

Feedback System

Overspending / underspending of money

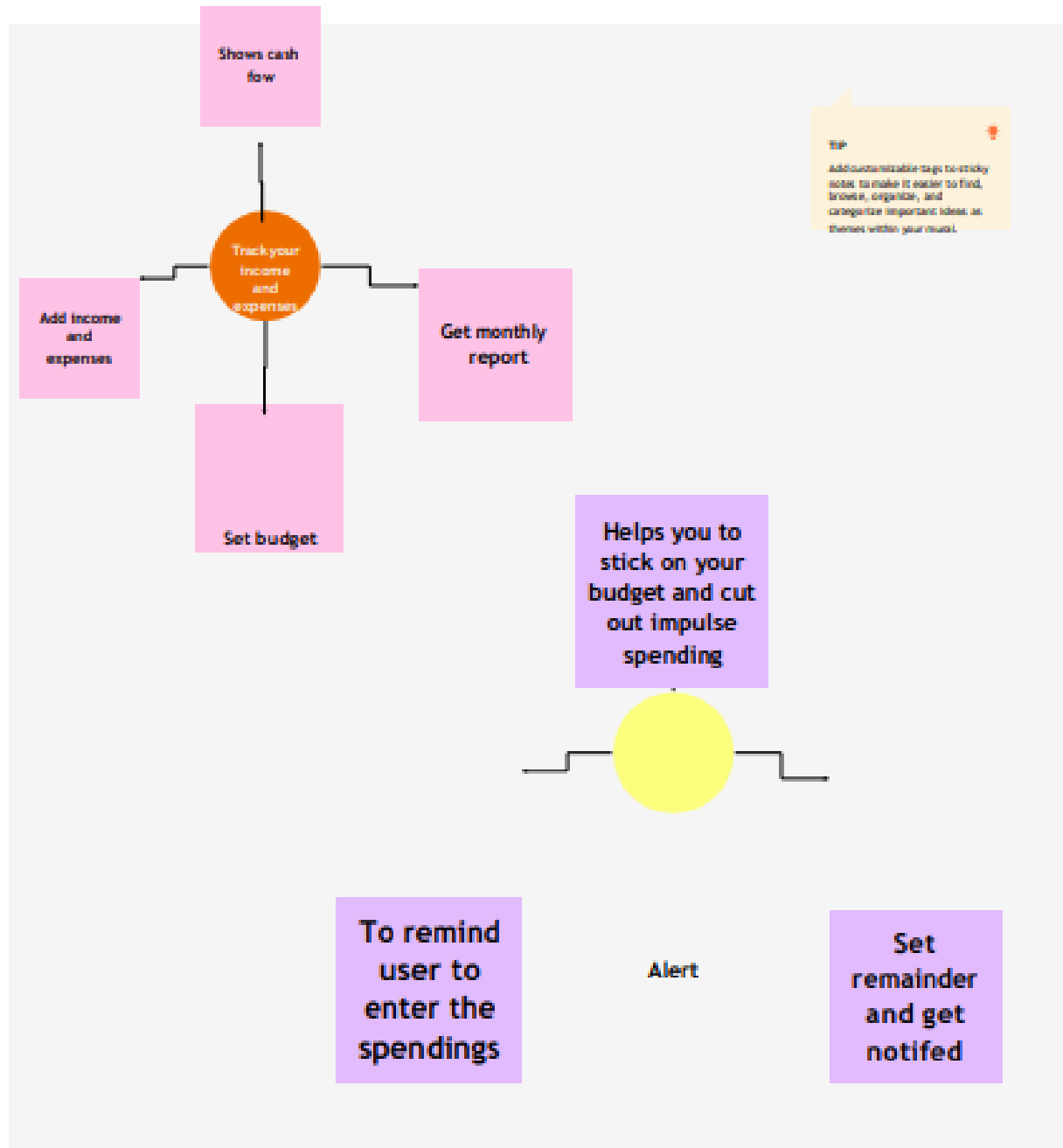
No need for complicated Excel sheets



Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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
🕒





Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes



^

	Keep accurate records		Generate Monthly report		Add income and expenses
	Filter the expenses periodically		Add multiple streams of income		Set budget
Set smart budget to help you not over spend money in a chosen category		To remind user to enter the spendings	Categorize your expenses		
		Add remainder and get notify		Make sure that in your budget account not having spending	
	Edit User Profile				
Navigate to the dashboard					

Importance
If each of these

tasks could get done without any difficulty or cost, which would have the most positive impact?

3.3 Proposed Solution:

S.No	Parameter	Description
1	Problem Statement(Problem to be solved)	Individuals finding difficulty in managing their espenses and unknowingly they were speningtheir whole budget.
2	Idea / Solution description	This application make user know about their expenses by keeping tack of them and makethem alert by exceeding them
3	Novelty / Uniqueness	JOINT ACCOUNT: Group expenses like family couple or bussiness can also be tracked. This make data better visualization
4	Social Impact / Customer Satisfaction	This application help people tack expenses and alert themselves from extra spendings their easily manage their financail decisionson their spendings and savings.
5	Business Model (Revenue Model)	SUBSCRIPTION: Depends on duration (per month/year) Depend on account choosen price varies
6	Scalability of the Solution	This application designed in such a way that any organization can use it for managing their own financial issues.

3.4 Problem Solution Fit:

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS Individuals who want to track their expenses (Working professionals, Students, etc.)	6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small> <ul style="list-style-type: none"> • Device with internet connection • Subscription payment 	5. AVAILABLE SOLUTIONS AS <small>PROS & CONS</small> <ul style="list-style-type: none"> • Goodbudget - free but manual entry of transactions • Mint - free & wrong categorization • Spendee - many kind of integration but paid 	Explore AS, differentiate
	2. PROBLEMS / PAINS PR <small>+ ITS FREQUENCY</small> <ul style="list-style-type: none"> • People want to track their expenses everyday and • Some people also want to track it especially on some occasions 	9. PROBLEM ROOT / CAUSE RC <ul style="list-style-type: none"> • Its hard for the people to manage their financial expenses by keep tracking manually. • This makes them to exceed the actual budget that they made. 	7. BEHAVIOR BE <small>+ ITS INTENSITY</small> <ul style="list-style-type: none"> • People tend to avoid tracking the spendings and worry when they come to know about it. • People who try to do it manually will end up leaving some spendings. 	
Focus on PR, tap into BE, understand RC				Focus on PR, tap into BE, understand RC
Identify strong TR & EM	3. TRIGGERS TO ACT TR <ul style="list-style-type: none"> • People are not aware about the existing solutions especially in India. • Providing a visualization about how they spend makes the people to decide easily. • Free for sometime and show the results.(retain & premium users) 	10. YOUR SOLUTION SL <ul style="list-style-type: none"> • Build an application to track their expenses seamlessly. • Allow users to access it for free and make them realize how useful to save money. 	8. CHANNELS of BEHAVIOR CH ONLINE <ul style="list-style-type: none"> • Social media advertisements (especially LinkedIn as the users are more of working professionals and students) • Lifestyle influencers would be a great choice 	Extract online & offline CH of BE
	4. EMOTIONS EM <small>BEFORE / AFTER</small> <ul style="list-style-type: none"> • People are worried when the exceed the actual budget and not for saving it. • People will be able to track their expenses and bad situations related to financial management. 		OFFLINE <ul style="list-style-type: none"> • Word of mouth 	

4. REQUIREMENT ANALYSIS:

4.1 Functional Requirements:

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	User Login	Using Username and Password. Verifying through OTP or E-mail.
FR-4	User Balance Initialization	Allows user to enter through App's UI
FR-5	Add Bills	Allow users to add bills through Apps's UI and store in Database.
FR-6	Add an Expense	Get list of expenses for calculation
FR-7	Update an expense	Allow users to edit the expenses.
FR-8	Delete an expense	Allows users to delete if they don't want as well as in the database.
FR-9	Track expense	Can Track expenses to reduce expenditure.
FR-10	Add a Periodic Expense	Allow to add periodic expenses
FR-11	Add a delayed Expense	Allow to add delayed expenses.
FR-12	Monthly expenditure Limit	Users can set a limit and act accordingly. So an alert will be sent if the amount exceeds the limit.
FR-13	Get pie-chart	Can get a pie-chart about the overall expenses.

4.2 Non-Functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Provides an eye catching UI that is easy to use and provides vibrant colored icons.
NFR-2	Security	Provide more security by keeping and storing users data with two step authentication.
NFR-3	Reliability	All Transactions and actions are independent and follow the ACID properties.
NFR-4	Performance	Retrieval of information will be fast and provide more security.
NFR-5	Availability	Applications will be available for users 24/7, if provided internet access.
NFR-6	Scalability	As this is a Cloud Based application, CPU time is on demand.

5.PROJECT DESIGN:

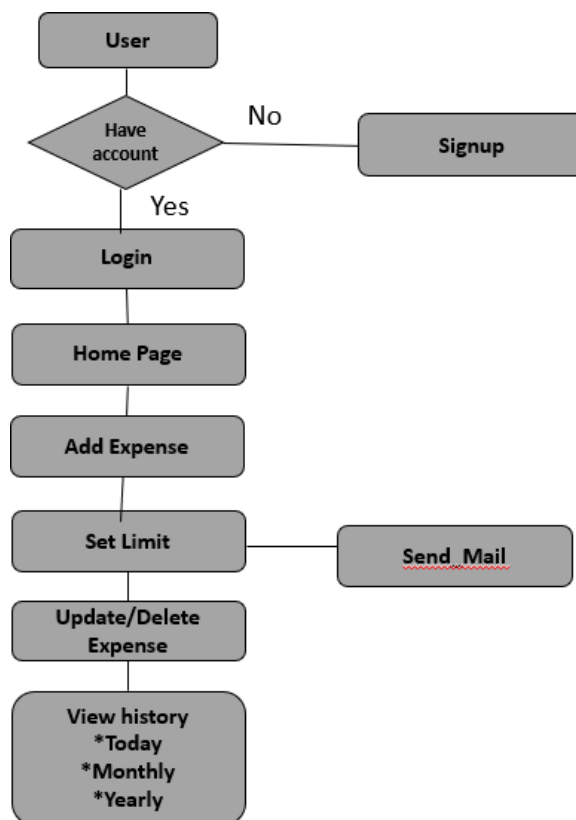
5.1 Data Flow Diagrams:

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.

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:

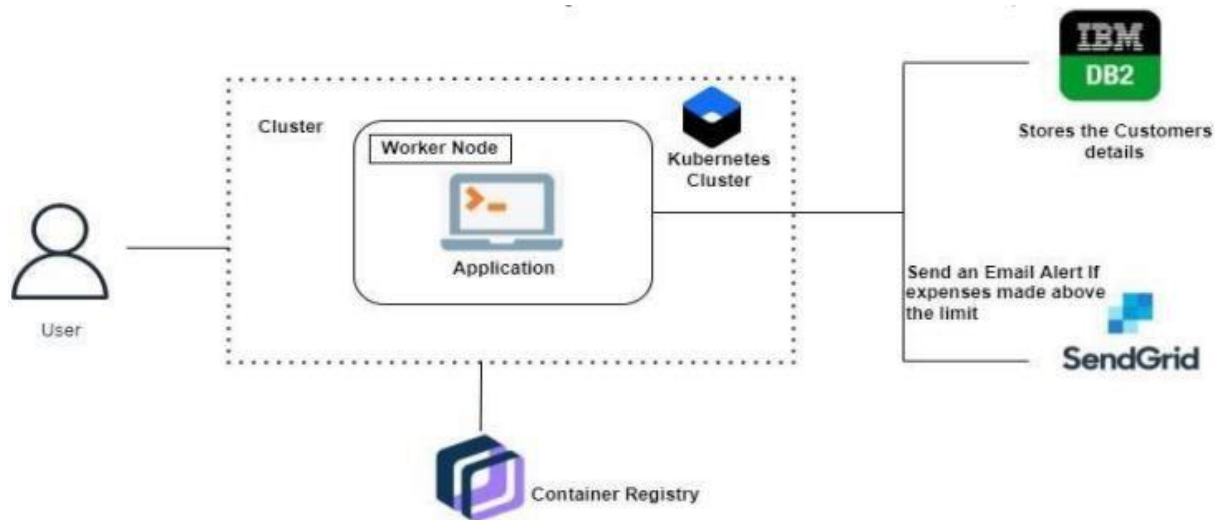


Table-1: Components & Technologies

S.No	Component	Description	Technology
1.	User Interface	The user can Interact with the application with use of Chatbot	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	The application contains the sign in/sign up where the user will login into the main dashboard	Java / Python
	Application Logic-2	Dashboard contains the fields like Add income, Add Expenses, Save money	IBM Watson STT service
	Application Logic-3	The user will get the expense report in the graph form and also get alerts if the expense limit exceeds.	IBM Watson Assistant, SendGrid
3.	Database	The Income and Expense data are stored in the MySQL database	MySQL, NoSQL, etc

4.	Cloud Database	With use of Database Service on Cloud, the User data are stored in a well secured Manner	IBM DB2, IBM Cloudant etc
5.	File Storage	IBM Block Storage used to store the Financial data of the user	IBM Block Storage / Other Storage Service or Local File system
6.	Infrastructure (Server / Cloud)	Application Deployment on Cloud Local Server Configuration	Local and Cloud Foundry

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask Framework in Python is used to implement this Application	Python-Flask
2.	Security Implementation	This application provides high security to the user Financial data. It can be done by using the Container Registry in IBM cloud.	Container Registry, Kubernetes Cluster
3.	Scalable Architecture	Expense Tracker is a life time access supplication. It's demand will increase when the user's income are high updated.	Container Registry, Kubernetes Cluster
4.	Availability	This application will be available to the user at any part of time	Container Registry, Kubernetes Cluster
5.	Performance	The performance will be high because there will be no network traffics in the application	Kubernetes Cluster

5.3 User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement(Epic)	User Story Number	User Story/ Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	As a user, I can register for the application by entering my email,password	I can access my account / dashboard	High	Sprint
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint
	Login	USN-3	As a user, I can log into the application by entering email & password	I can access the application	High	Sprint
	Dashboard (Budget Setting)	USN-4	As a user ,I can enter my income and expenditure details (Set Budget).	I can view my daily expenses	High	Sprint
	Category Selection (Manual, Bank)	USN-5	As a user, I can use Manual method where it has Barcode and Voice Recognition techniques and also I can go with Bank method	I can select according to my convenience	High	Sprint
Customer Care Executive		USN-6	As a customer care executive I can solve the log in issues and other issues of the application	I can provide support or solution at any time 24*7	Medium	Sprint
Administrator	Application	USN-7	As a administrator I can upgrade or update the application	I can fix the bug which arises for the customers and users of the application	Medium	Sprint

6.Project Planning and Scheduling:

Project Tracker, Velocity & Burn down Chart

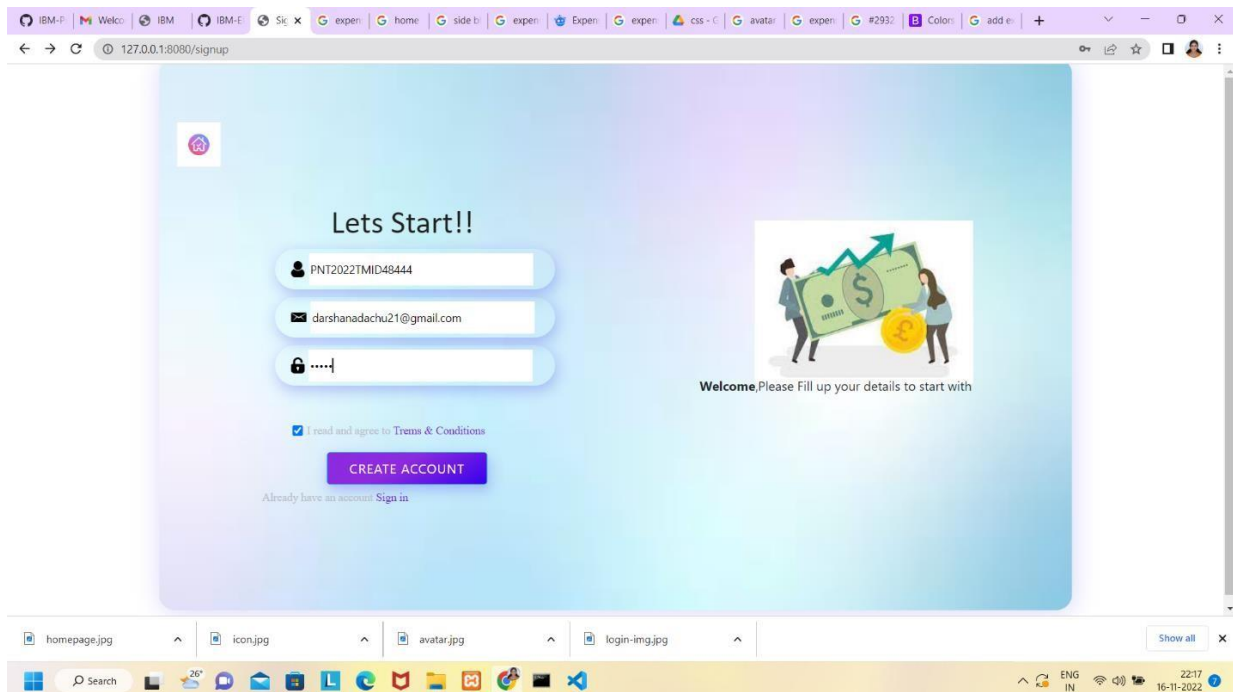
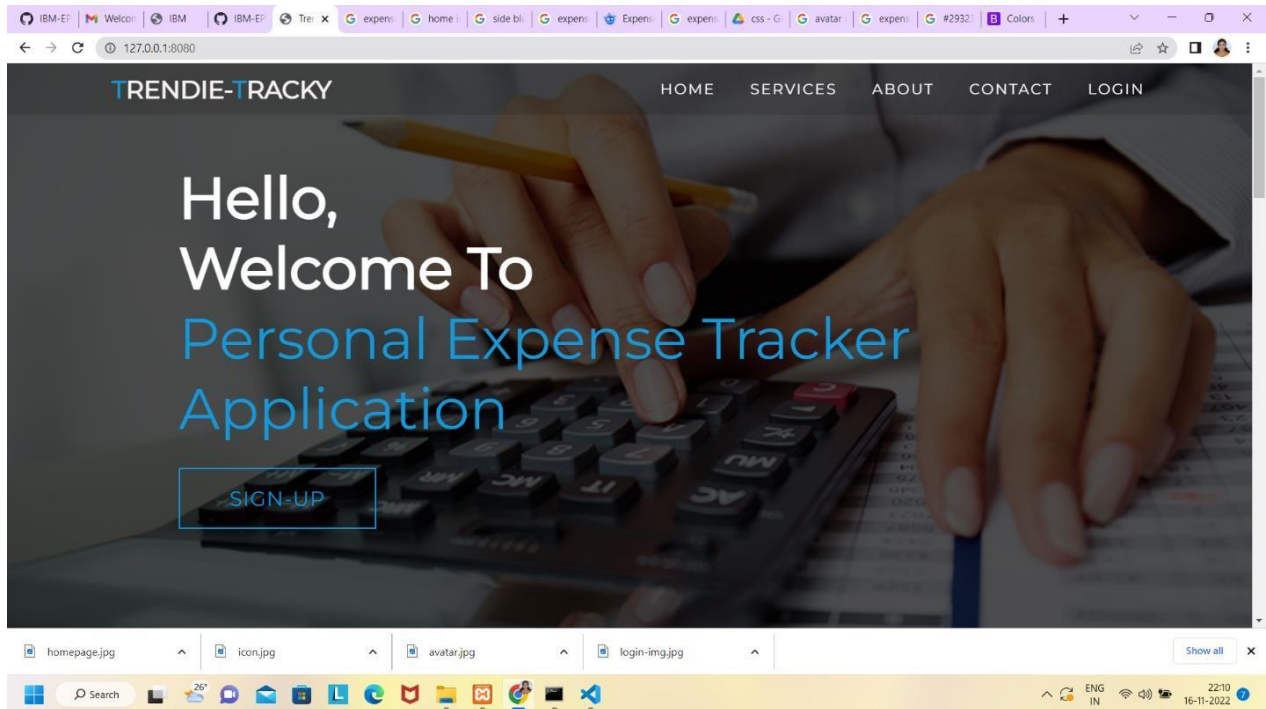
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint EndDate (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	26 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Nov 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

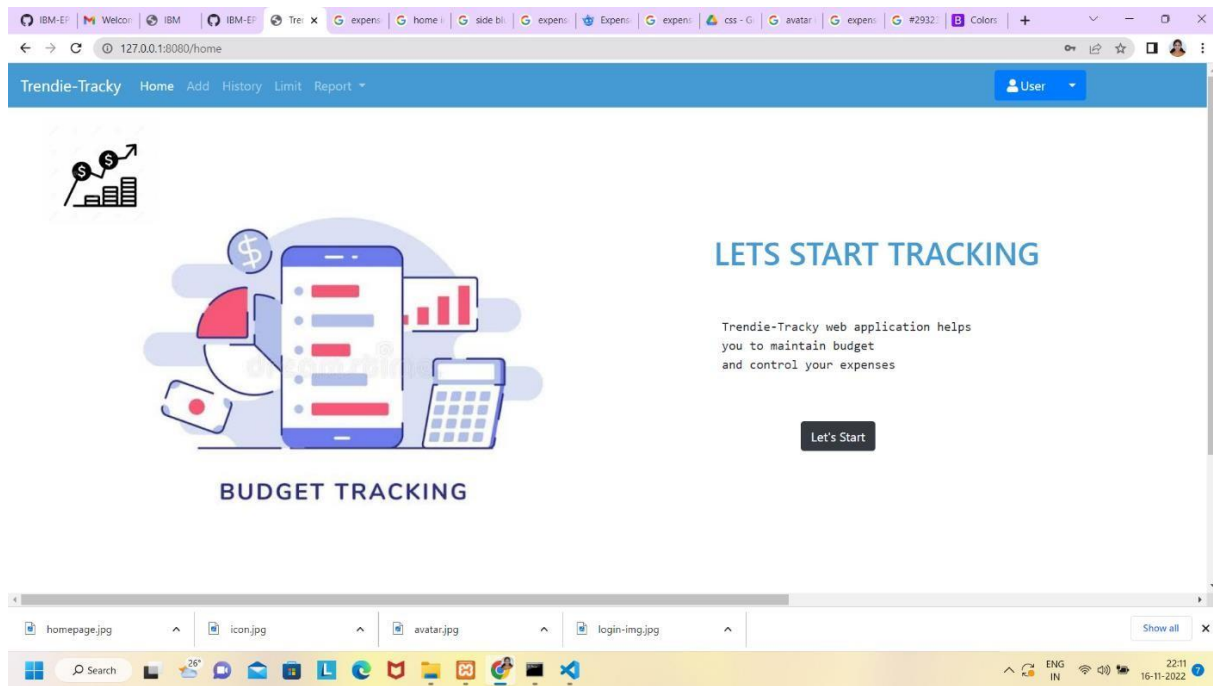
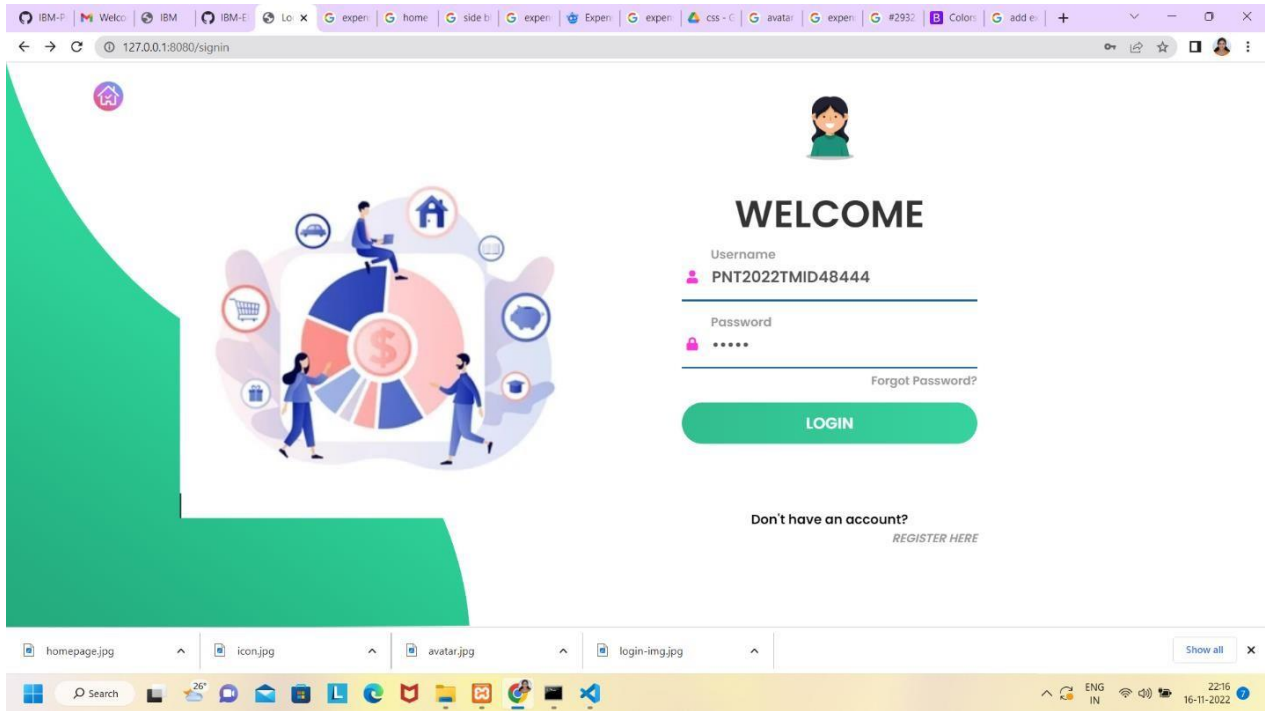
Sprint Delivery Schedule:

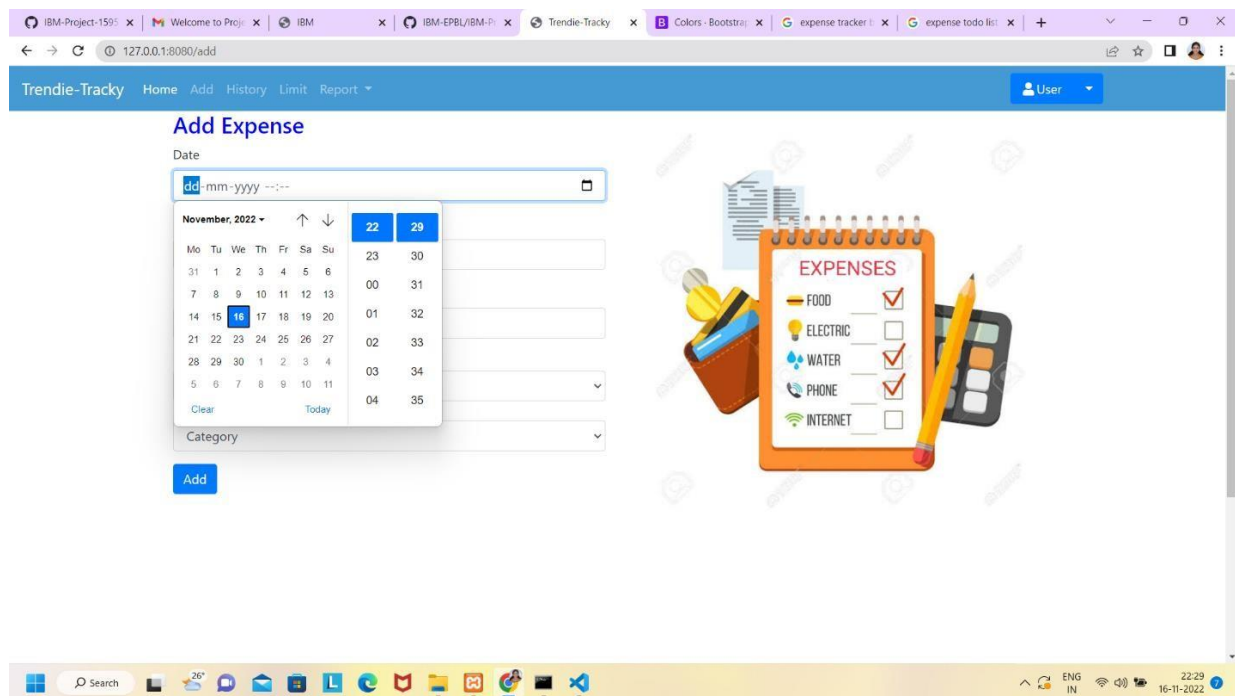
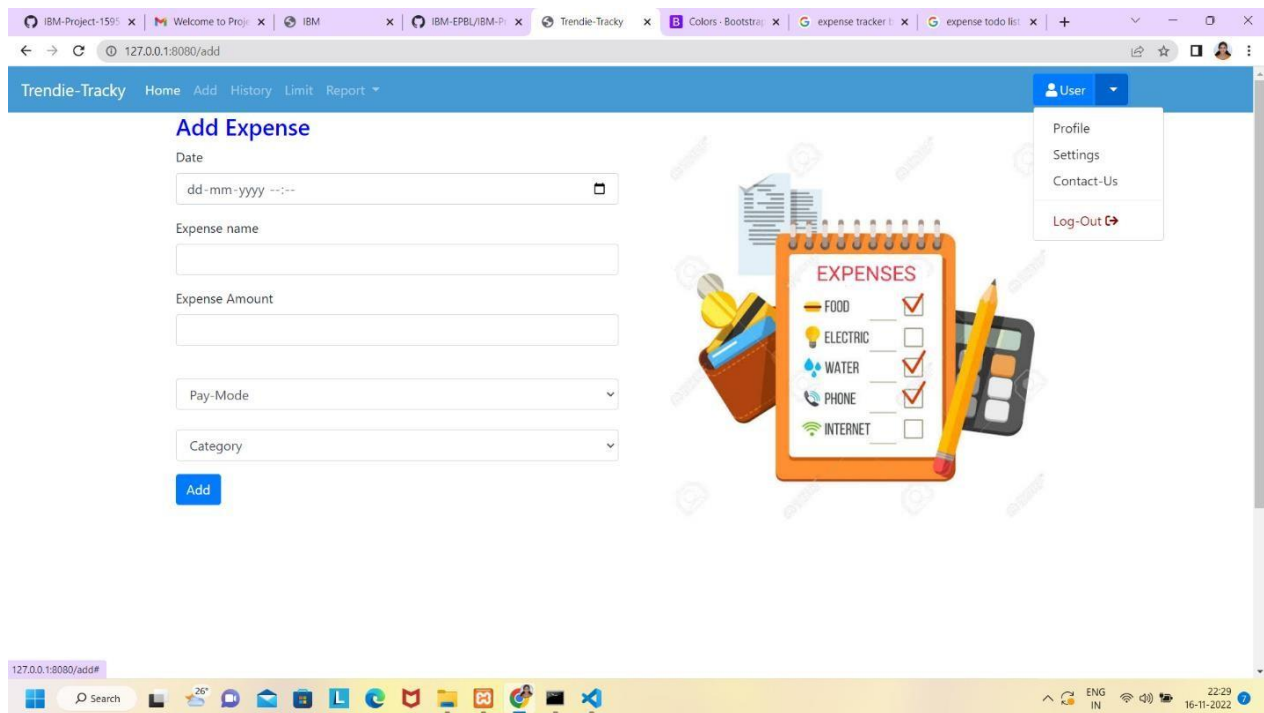
Velocity We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Calculating the team's average velocity (AV) per iteration unit (story points per day)

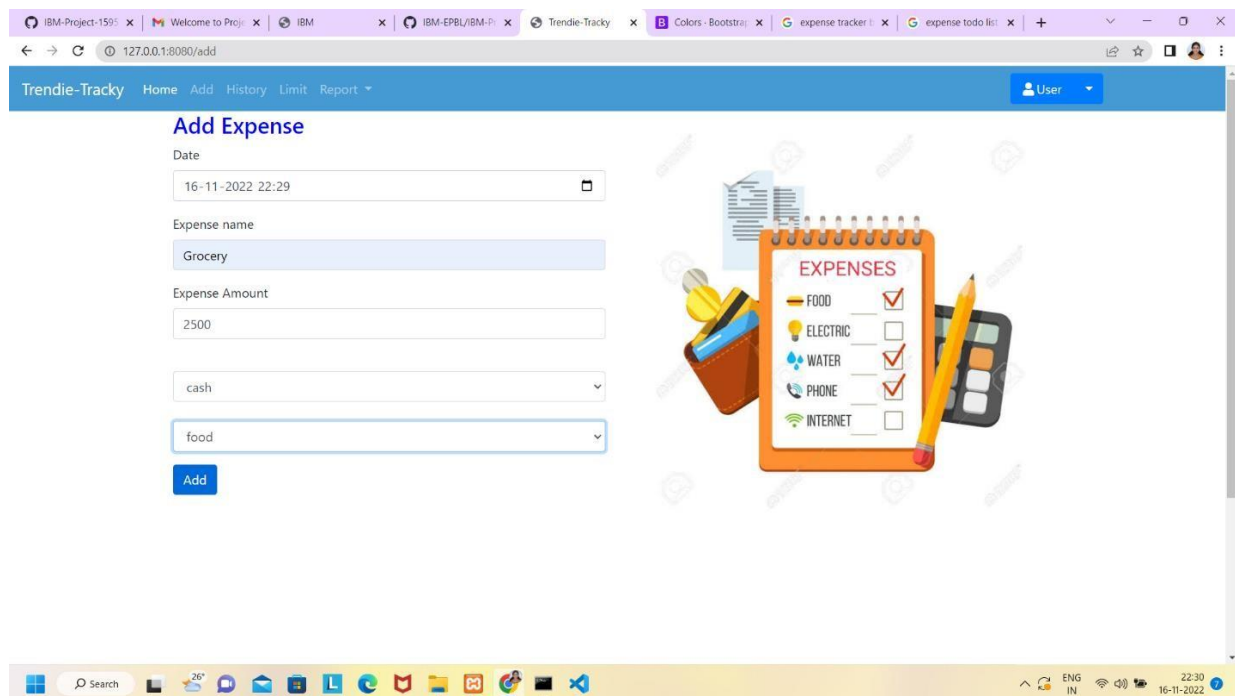
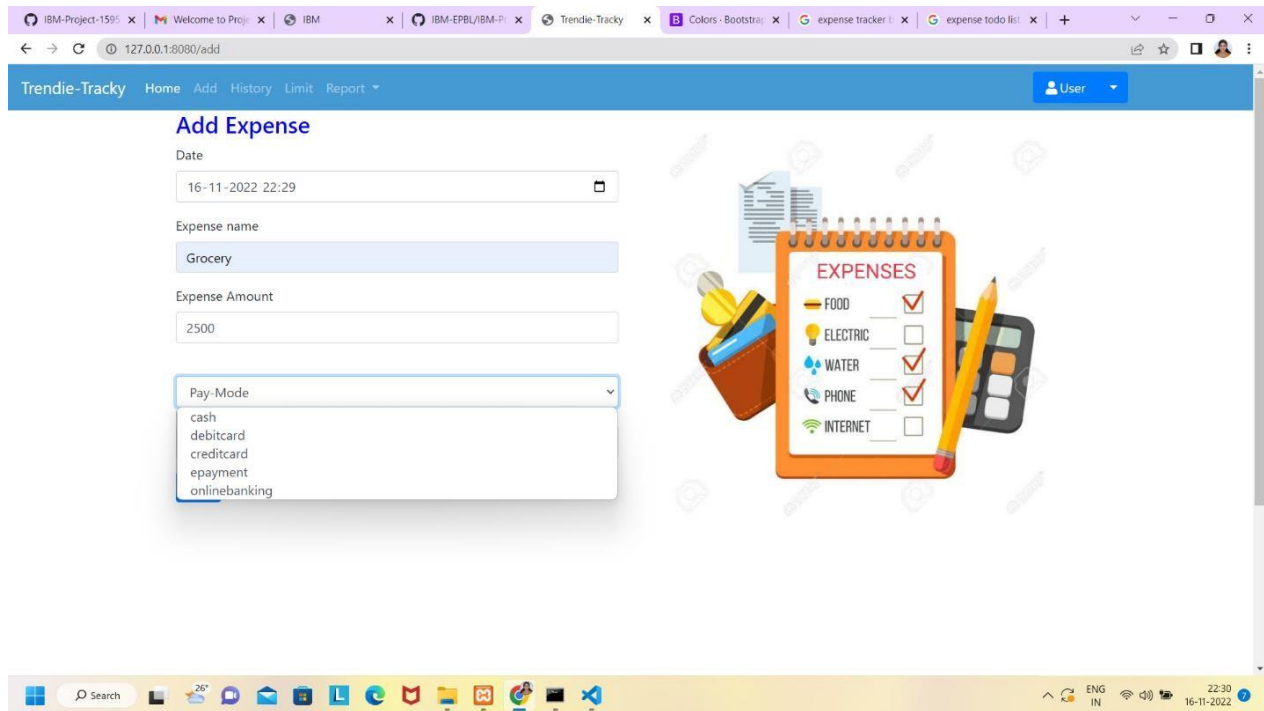
$$AV = \text{sprint duration/velocity} = 20/6 = 3.33$$

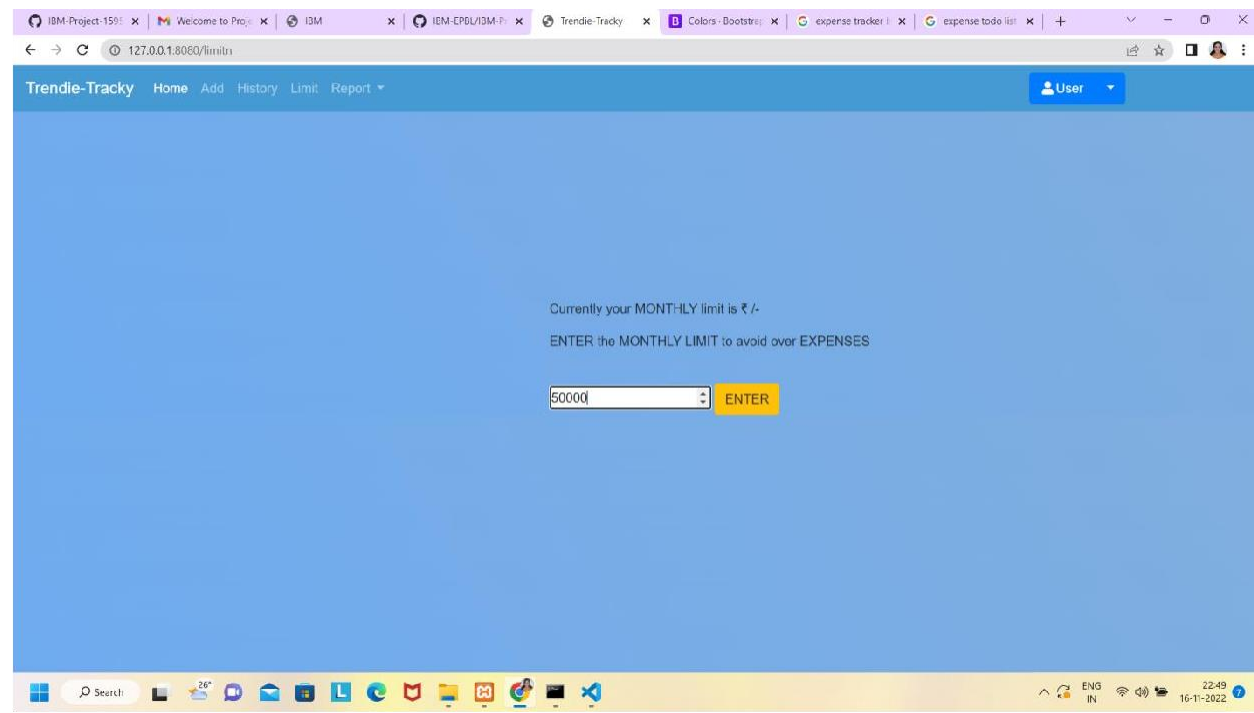
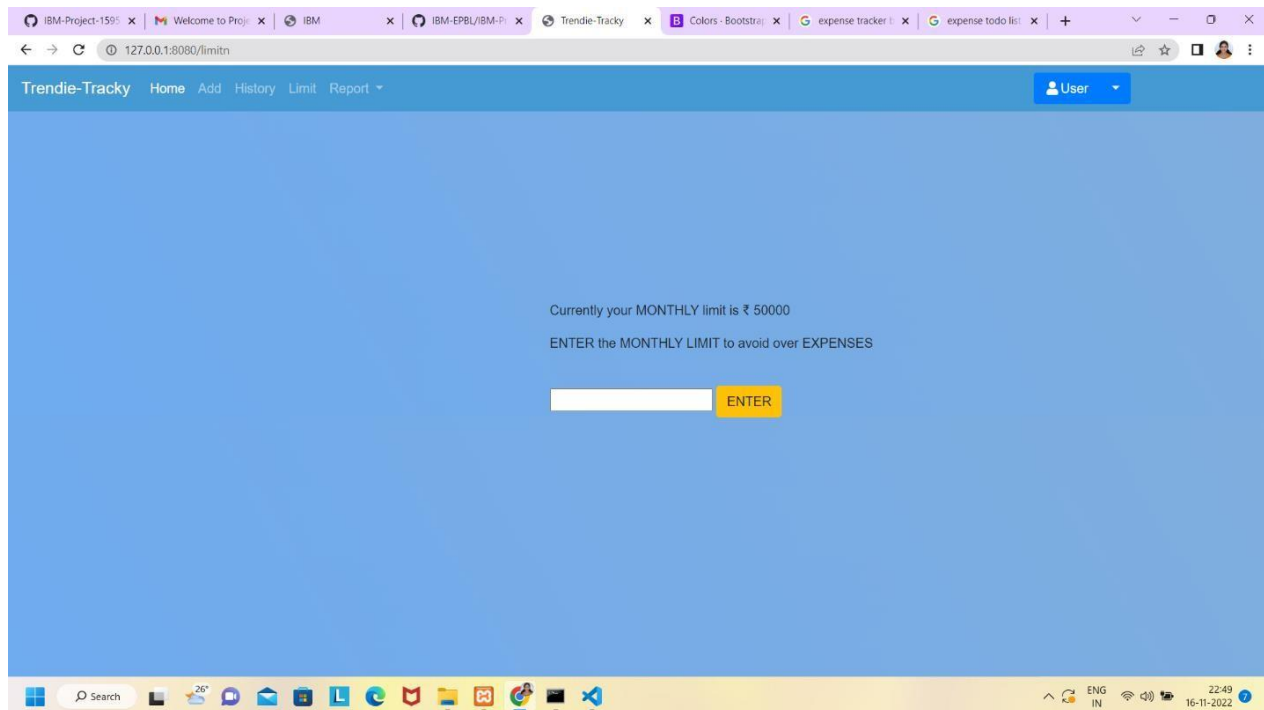
7. Coding and Solution(Explain the features added in the project along with code)











IBM-Project-159

Welcome to Proj

IBM

IBM-EPBL/IBM-P

Trendie-Tracky

Colors - Bootstrap

expense tracker

expense todo list

127.0.0.1:8080/display

Trendie-Tracky

Home

Add

History

Limit

Report

User

EXPENSES

2022-11-16

22:31:00

Grocery

₹ 2500

cash

food

Edit

Delete

2022-11-15

22:51:00

Utinsiles

₹ 500

debitcard

other

Edit

Delete

2022-11-14

22:51:00

House Rent

₹ 6000

onlinebanking

rent

Edit

Delete

EXPENSE BREAKDOWN

Expense Breakdown

Food

Entertainment

Business

IBM-Project-159

Welcome to Proj

IBM

IBM-EPBL/IBM-P

Trendie-Tracky

Colors - Bootstrap

expense tracker

expense todo list

127.0.0.1:8080/display

Trendie-Tracky

Home

Add

History

Limit

Report

User

EXPENSES

Today

Month

Year

2022-11-16

22:31:00

Grocery

₹ 2500

cash

food

Edit

Delete

2022-11-15

22:51:00

Utinsiles

₹ 500

debitcard

other

Edit

Delete

2022-11-14

22:51:00

House Rent

₹ 6000

onlinebanking

rent

Edit

Delete

EXPENSE BREAKDOWN

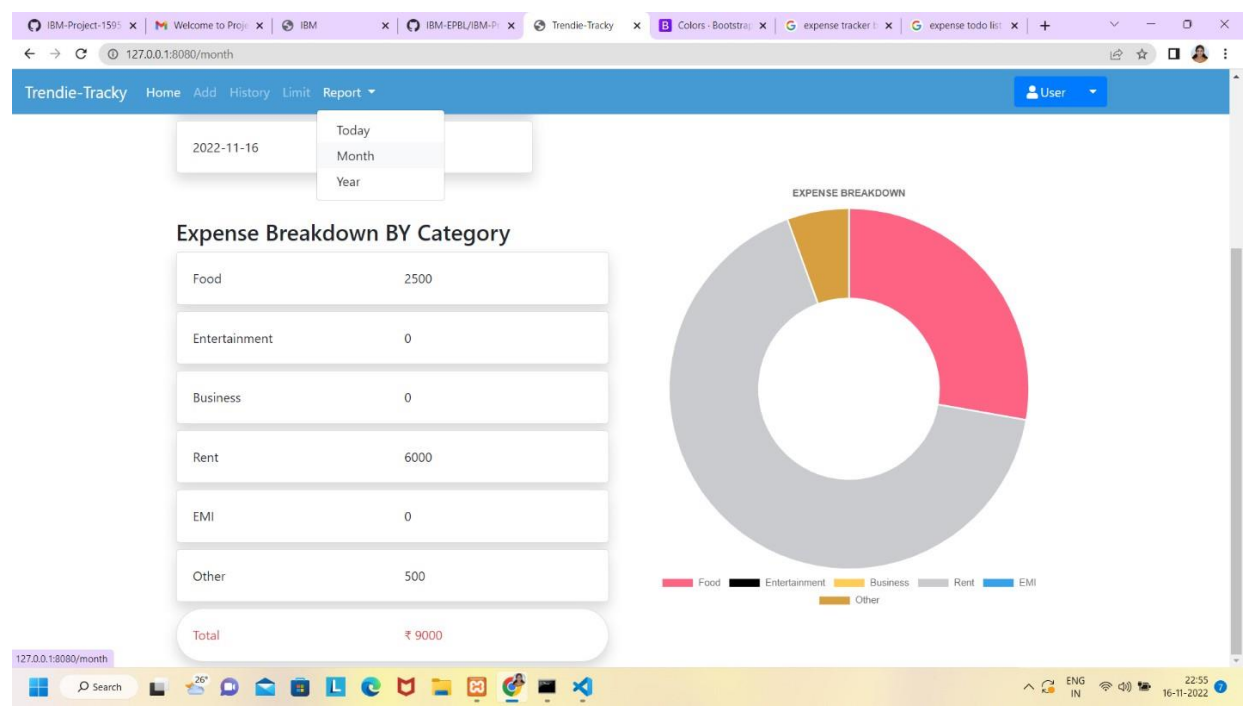
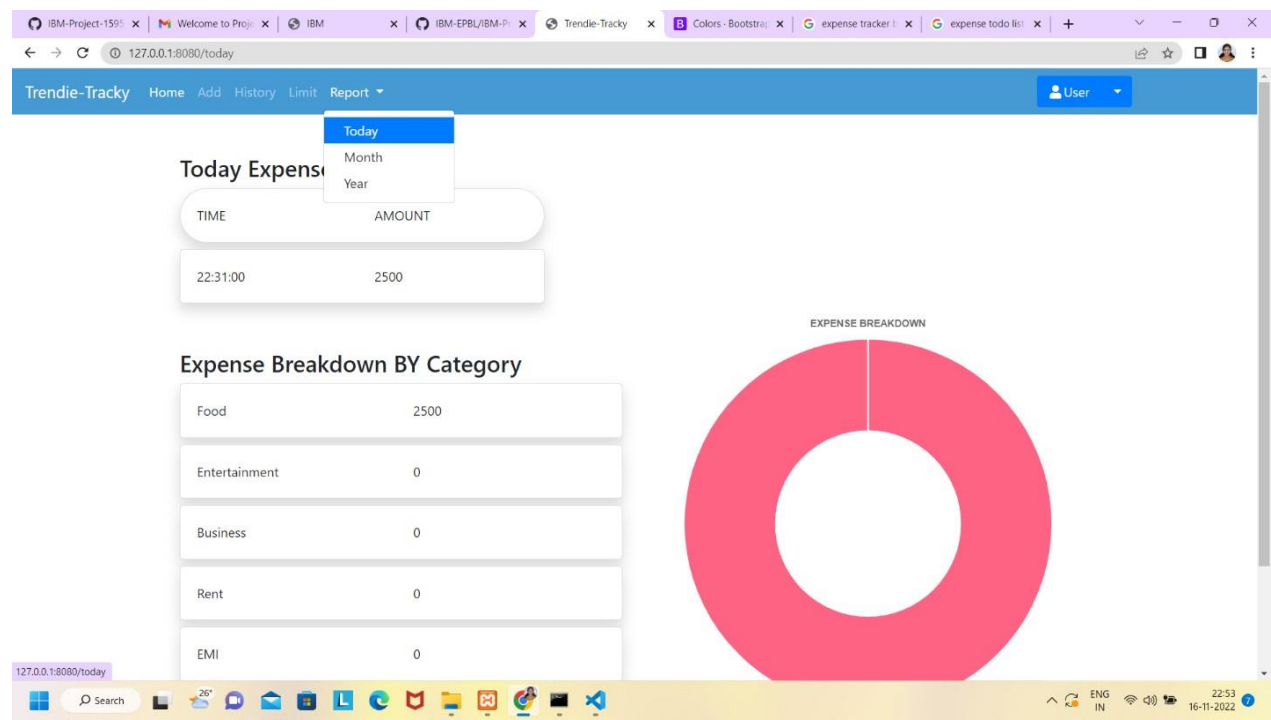
Expense Breakdown

Food

Entertainment

Business

8.Results:



9.Advantages and Disadvantages:

Advantages:

- Easy Money management.
- Reduce paper works.
- Limitations in spending.
- Manage unwanted spendings.
- Well suitable for large organizations.

Disadvantages:

- More dependent on mobile phones.
- Initially difficult to understand for uneducated people.

10.Conclusion:

By using this website one can know how much they spent and have a quality financial tracking, thus managing their expenses could be tracked more easily. Managing and having a correct track of finance is essential in this scenario. But tracking it manually need time and effort, so with the help of such website the calculation will be much more easier also they have clear idea about where they have spent. With this method, they come to know about how much they spent on each activity.

Thus the user get to know their monthly, yearly and daily spendings in a graphical way which give them knowledge about their spendings and how they can minimize those spendings.

11.Future Scope:

The Existing Expense tracker website or application have basic features like adding, updating and deleting income and expenses, setting up limit and showing graphical statistics (piechart, bargraph, etc..)In future, we are planning to add barcode system as well as voice recognition so that the tracking could be more easier.

- The barcode system can be used for scanning the bills which has barcode so that the expense will be displayed.
- The voice recognition can be used as an easier source even for uneducated people to track the expenses so that they can add their expense through speech.

12.Appendix:

Source Code

```
<!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="..\static\css\home.css">
  <title>Trendie-Tracky</title>
</head>

<body>
  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
          <a href="#hero">
<h1><span>T</span>rendie-<span>T</span>racky</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="/signin" 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>Personal Expense Tracker Application <span></span></h1>
      <a href="/signup" 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>Trandie-Tracky provides a many services to deal with your daily financial expenses. Together can Stopthe unnecessary spendings </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 thelife 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 manyfinancial 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 allthe 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>Chettinad College of Engineering <br> and Technology </h2></div>
        </div>
        <div class="col-right">
            <h1 class="section-title">About <span>Us</span></h1>
            <h2>Financial Solution</h2>
            <p>Trendie-Tracky is an expenses tracking application. It provides many services to the customers to meet their
            needs whatever their money goals, there is a budgeting application help to reach them. You 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>+91 9645
                    240824</h2>
                </div>
            </div>
            <div class="contact-item">
                <div class="icon"></div>
                <div class="contact-info">
<h1>Email</h1>
                    <h2>darshanadachu@gmail.com
                    radhika@gmail.com
                    rajeshwarisomasundaram@gmail.com
                </div>
            </div>
        </div>
    </div>
</section>

```

```

        shreeolimathi13@gmail.com
</h2>
    </div>
</div>
    <div class="contact-item">
        <div class="icon"></div>
        <div class="contact-info">
<h1>Address</h1>
<h2>Chettinad College of Engineering and Technology, Tamilnadu.</h2>
    </div>
</div>
</div>
</div>
</div>
</section>
<!-- End Contact Section -->

<!-- Footer -->
<section id="footer">
    <div class="footer container">
        <div class="brand">
            <h1><span>T</span>rendie-<span>T</span>racky</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>
        <p>Copyright Â© 2022 Chettinad. All rights reserved</p>
    </div>
</section>
<!-- End Footer -->
<script src="..\static\js\home.js"></script>
</body>

</html>

```

Login.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="../static/css/home.css">
<title>Trendie-Tracky</title>
</head>

<body>
  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">
        <div class="brand">
          <a href="#hero">
<h1><span>T</span>rendie-<span>T</span>racky</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="/signin" 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>Personal Expense Tracker Application <span></span></h1>
        <a href="/signup" 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>Trandie-Tracky provides a many services to deal with your daily financial expenses. Together can Stopthe unnecessary spendings </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 thelife 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 manyfinancial 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 allthe 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>Chettinad College of Engineering <br> and Technology </h2></div>
      </div>
    </div>

    <div class="col-right">
      <h1 class="section-title">About <span>Us</span></h1>
      <h2>Financial Solution</h2>
      <p>Trendie-Tracky is an expenses tracking application. It provides many services to the customers to meettheir needs whatever their money goals,there is a udgeting application help to reach them.You can Contact our service center for further information and also follow our social media for update on new services </p>
    </div>
  </div>
</section>

```

```
<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>+91 9645
            240824</h2>
        </div>
      </div>
      <div class="contact-item">
        <div class="icon"></div>
        <div class="contact-info">
<h1>Email</h1>
          <h2>darshanadachu@gmail.com
            radhika@gmail.com
            rajeshwarisomasundaram@gmail.com
            shreeolimathi13@gmail.com
          </h2>
        </div>
      </div>
      <div class="contact-item">
        <div class="icon"></div>
        <div class="contact-info">
<h1>Address</h1>
          <h2>Chettinad College of Engineering and Technology, Tamilnadu.</h2>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- End Contact Section -->

<!-- Footer -->
<section id="footer">
  <div class="footer container">
    <!DOCTYPE html>
  </div>
</div>
</html>
</head>
<title>Login Form</title>
```

```

<link rel="stylesheet" type="text/css" href="..\static\css\login.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>
            <a href="#">Forgot Password?</a>
            <input type="submit" class="btn" value="Login">

            <div>
                <ul>

                </ul>
            </div>
            <div class="app" ><b>Don't have an account?</b><a id="app1"
href="\signup">REGISTER HERE</a></div>

```

```

</form>

    </div>

</div>

<script type="text/javascript" src="..\static\js\login.js"></script>
</body>
</html>

```

Home.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: rgb(141, 209, 240);
}

.cta {
display: inline-block;
padding: 10px 30px;
color: rgb(2, 153, 220);
background-color: transparent; border:
2px solid rgb(20, 153, 220);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: rgb(20, 153, 220);
}
.brand h1 {
font-size: 3rem;
text-transform: uppercase;color:
rgb(248, 244, 244);
}
.brand h1 span {
color: rgb(20, 153, 220);
}

/* 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: rgb(20, 153, 220);

```

```

    }
    #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(../images/img-1.jpg);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: rgb(20, 153, 220);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('../images/expense.jpg');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 p {
color: white;
}
#projects .project-img {
flex-basis: 50%; height:
300px; overflow: hidden;
position: relative;
}

}
#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 rgb(20, 153, 220);
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: rgb(20, 153, 220);
        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 rgb(20, 153, 220);
}
#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 */

```

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: #0d5b92;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: #fe34dd;
}

.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:linear-gradient(to right, #32be8f, #38d39f, #32be8f); ;
}
#png{
    position: relative;
    top: -300px; right:
    50px;

}

```

Signup.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('../images/signup-bg.jpg');
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;

}

```

Deployment.yaml

```

apiVersion: apps/v1

kind: Deployment
metadata:
  name: sakthi-flask-node-deployment
spec:
  replicas: 1
  selector:
    matchLabels:
      app: flasknode
  template:
    metadata:
      labels:
        app: flasknode
    spec:
      containers:
        - name: flasknode
          image: icr.io/sakthi_expense_tracker2/flask-template2
          imagePullPolicy: Always
          ports:
            - containerPort: 5000

```

Sendemail.py

```

import smtplib
import sendgrid as sg
import os
from sendgrid.helpers.mail import Mail, Email, To, Content
SUBJECT = "expense tracker"

```

```

s = smtplib.SMTP('smtp.gmail.com', 587)

def sendmail(TEXT,email):
    print("sorry we cant process your candidature")s
    = smtplib.SMTP('smtp.gmail.com', 587)
    s.starttls()
    # s.login("fawwashkhan@gmail.com", "fawwashkhan")
    s.login("tproduct8080@gmail.com", "lxixbmpnexbkiemh")
    message = 'Subject: { }\n\n{ }'.format(SUBJECT, TEXT)
    # s.sendmail("fawwashkhan@gmail.com", email, message)
    s.sendmail("il.tproduct8080@gmail.com", email, message)
    s.quit()
def sendgridmail(user,TEXT):

    # from_email = Email("fawwashkhan@gmail.com")
    from_email = Email("tproduct8080@gmail.com")
    to_email = To(user)
    subject = "Sending with SendGrid is Fun"
    content = Content("text/plain",TEXT)
    mail = Mail(from_email, to_email, subject, content)#
    Get a JSON-ready representation of the Mail object
    mail_json = mail.get()
    # Send an HTTP POST request to /mail/send
    response = sg.client.mail.send.post(request_body=mail_json)
    print(response.status_code)
    print(response.headers)

```