KONGU ENGINEERING COLLEGE

(An Autonomous Institution)

PROJECT

Inventory Management System For Retailers

DONE BYTEAM ID: PNT2022TMID04517

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1.INTRODUCTON

1.1 Project Overview:

An inventory management system is a project that helps people control and keep track of the goods they buy, process, and sell. It includes many software programs to track stock levels and movements. This project report on the inventory management system

1.2 Purpose:

Inventory management is the practice of planning the buying, storing and selling of stock—whether it's raw materials, parts or finished goods—to ensure the right type and amount of stock is available without holding excess stock and thereby tying up cash. When done correctly, inventory management saves companies money.

2.Literature Survey

2.1 Existing Problem:

[1] **Inventory Management Delivering Profits through Stock Management**

I.A. Aarti Deveshwar and Dhawal Modi

2018

Classification,selected methods and requirements for operations and inventory management" gives the theoretical framework for the development of models and algorithms supporting order quantity and due date quoting. At first, alternative generic AATP systems will be identified on the basis of relevant classification criteria. Based upon this classification, the AATP planning mechanisms will be detailed for two generic AATP types. On the basis of the introduced AATP types and the description of selected models we finally derive requirements, which operations and inventory management have to meet in order to ensure a successful application of AATP.

Accuracy of the paper: 95%

[2] An approach to evaluate the impact of interaction between demand forecasting method and stock control policy on the inventory system performances

Lorenzo Tiacci , Stefano Saetta

2022

Using the aim of this work is not to find or test effective DFMs, but to point out possible interactions between the choice of a forecasting method and the stock control policy. Therefore, in this study two very simple DFMs, described in Section 3.1, will be considered: with these methods, the monthly demands of the year 2004 will be sufficient to provide forecasts for each month of 2005; the two series of demand data for this year (effective and forecasted demand) are the inputs that the simulation experiment needs. Because demand data have a monthly base, orders from central depot to suppliers can be placed only at the beginning of each period (month): for each item, at the beginning of each month, the inventory level is observed, and if the level is lower than an order point s, an order is placed to a supplier so that the inventory position reaches an order-up-to level S. Thus, the basic inventory control policy for each item is a canorder policy (R, s, S) with review period R equal to 1 month.

Accuracy of the paper: 95%

[3] Maximization of the return on inventory management expenses in a system with price and stock dependent demand rate

valentin pando,Luis A.San-Jose

2020

This paper studies a deterministic inventory model where the demand rate depends on both the selling price and the stock level. A lower selling price or a higher stock level lead to a higher demand rate. Three decision variables are considered: the selling price p, the order-level S and the reorder point s. The goal is the maximization of the return on inventory management expense (ROIME), that is, the ratio between the profit and the total cost of the system.

Accuracy: 85.9%

[4] Retail inventory management with stock-out based dynamic demand Substitution

Baris Tan,Sulcuk Karabati

2020

In this sign The literature on inventory management under stock-out based substitutions studies the supplier-(or manufacturer-)controlled and customer-driven substitution schemes. In the supplier-controlled substitution scheme, in a stock-out instance, the supplier decides whether to fulfill the demand of the customer with another product.

The inventory management (and/or production planning) problem is usually studied in a "one-way substitution" setting, where a higher-graded product can be substituted for a lower-graded product. The primary objective is to minimize the sum of production, inventory holding, and, in some cases, product conversions costs.

Accuracy: 85%

2.2 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

3. Ideation and Proposed Solution

3.1 Empathy Map Canvas:

An empathy map canvas helps brands provide a better experience for users by helping teams understand the perspectives and mind set of their customers. Using a template to create an empathy map canvas reduces the preparation time and standardizes the process so you create empathy map canvases of similar quality

3.2 Ideation and Brainstorming:

Brainstorming is agroup activity where everyone comes together to discuss strategies for growth and improvement. You can exchange ideas, share important information and use these meetings as informal catch-up sessions with your co-workers. Brainstorming combines a relaxed, informal approach to problem solving with lateral thinking. It encourages people to come up with thoughts and ideas that can, at first, seem a bit crazy. Some of these ideas can be crafted into original, creative solutions to a problem, while others can spark even more ideas.

Ideation is the process where you generate ideas and solutions through sessions such as Sketching, Prototyping, Brainstorming, Brain writing, Worst Possible Idea, and a wealth of other ideation techniques. Ideation is also the third stage in the Design Thinking process.

As you can see, ideation is not just a one-time idea generation or a brainstorming session. In fact, we can divide ideation in these three stages: generation, selection, and development.
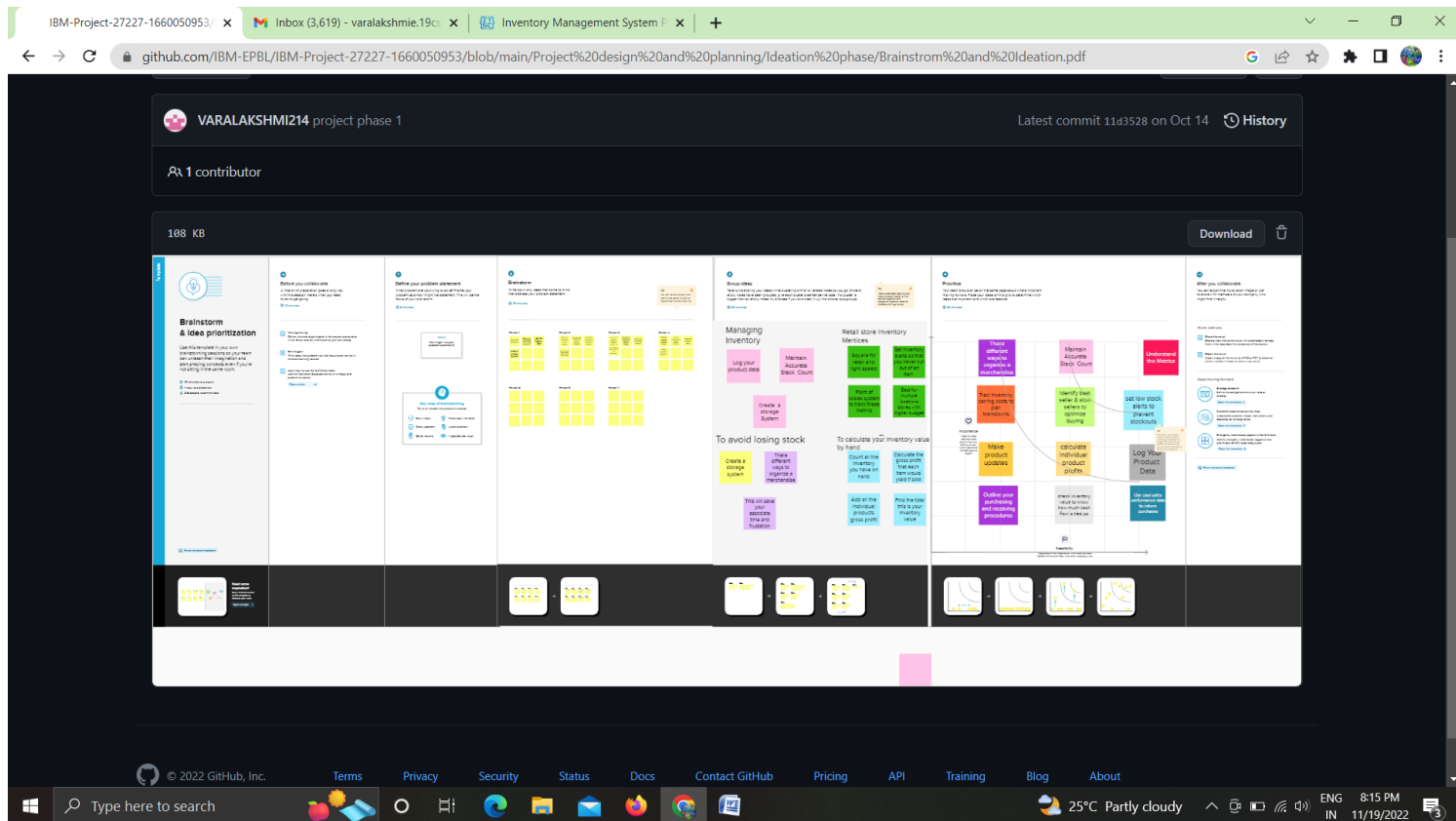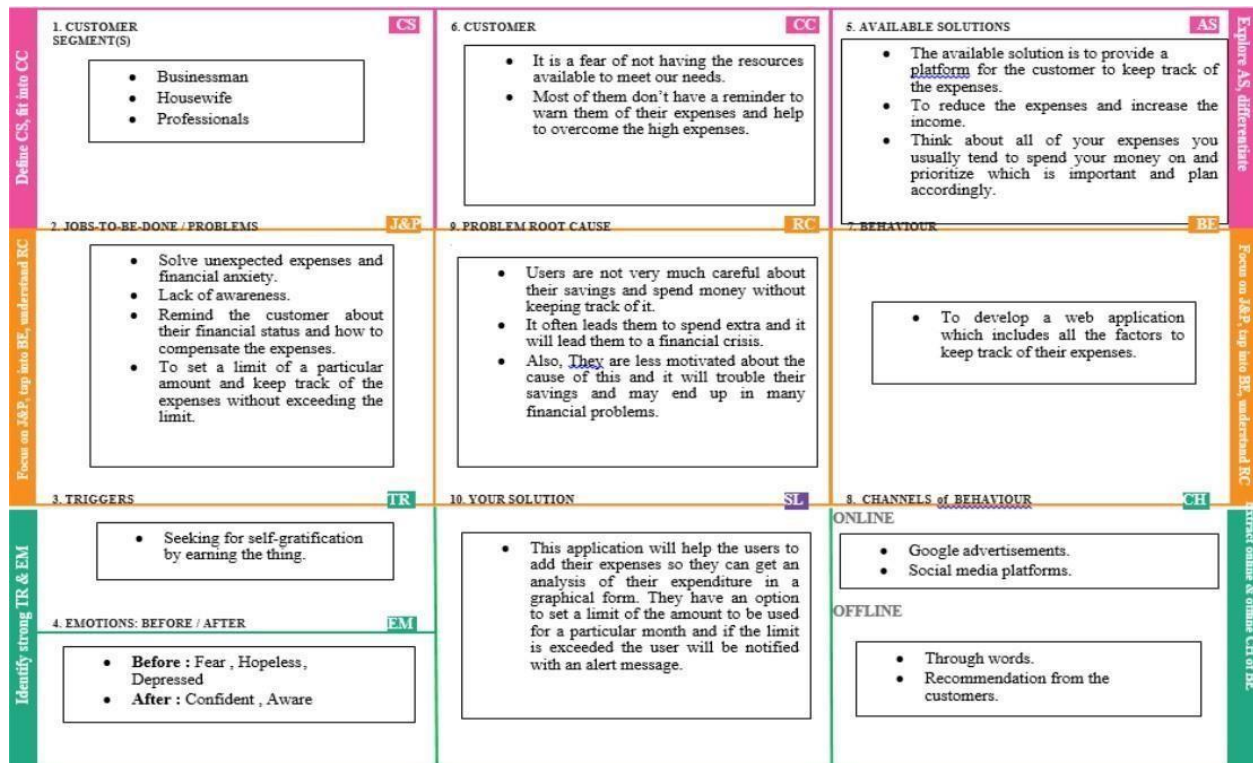

3.3 Proposed Solution:

Expense Tracker is going to be a mobile application so that It can be accessed any time required. This application will have a two-tier architecture: first one is the database tier, where all the data and financial data will be stored. Second it will be the user interface which will support the application user communicate with the system and also store Information in the database. The proposed system should operate offline so it can be accessed at any time without internet availability. The proposed system should provide different categories for the user to select from and they can enter the amount and mode of payment. This system should be able to analyze the information, provide analytics on which category did the user spent most of their money. The proposed system should provide a user interface where the user could store and observe their past expenses. To develop a personal finance application which allows users to add their expenses and based on their expense wallet balance will be updated and displayed. Also, users can get an analysis of their expenditure in graphical forms. They have an option to set a limit for the amount to be used for that particular month and if the limit is exceeded the users will be notified with an email alert

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Retailers' lack of a method to capture and maintain their inventory data is their main issue. Because the owner just keeps the inventory data in the logbook and is not properly structured, it is challenging for them to record it promptly and safely.
2.	Idea / Solution description	In order to maintain inventory information and prepare for future investments, we want to create an inventory management system. The user may see and track the sold and unsold goods. When a stock is about to close, the application will alert the user. Our web application will monitor user's stock by tracking the received SMS's from the user's mobile.
3.	Novelty / Uniqueness	Retailers are informed when the product is close to run out and urge the customer to purchase more. Providing Key Performance Indicator for analysing stock. Demand based advanced stock pre-order
4.	Social Impact / Customer Satisfaction	encourages the user to keep track of product availability and boost revenue. encourages the user to keep track of product availability and boost revenue.
5.	Business Model (Revenue Model)	This model's suggested low design cost makes it mor reliable and user-friendly.
6.	Scalability of the Solution	This suggested strategy will be able to manage a huge quantity of user data with effective utilisation of the IBM cloud. A large number of users may readily access and utilise it.

3.4 Problem Fit:

1. CUSTOMER SEGMENT(S) **CS**	6. CUSTOMER **CC**	5. AVAILABLE SOLUTIONS **AS**
• Businessman • Housewife • Professionals	• It is a fear of not having the resources available to meet our needs. • Most of them don't have a reminder to warn them of their expenses and help to overcome the high expenses.	• The available solution is to provide a platform for the customer to keep track of the expenses. • To reduce the expenses and increase the income. • Think about all of your expenses you usually tend to spend your money on and prioritize which is important and plan accordingly.
2. JOBS-TO-BE-DONE / PROBLEMS **J&P**	9. PROBLEM ROOT CAUSE **RC**	7. BEHAVIOUR **BE**
• Solve unexpected expenses and financial anxiety. • Lack of awareness. • Remind the customer about their financial status and how to compensate the expenses. • To set a limit of a particular amount and keep track of the expenses without exceeding the limit.	• Users are not very much careful about their savings and spend money without keeping track of it. • It often leads them to spend extra and it will lead them to a financial crisis. • Also, They are less motivated about the cause of this and it will trouble their savings and may end up in many financial problems.	• To develop a web application which includes all the factors to keep track of their expenses.
3. TRIGGERS **TR**	10. YOUR SOLUTION **SL**	8. CHANNELS of BEHAVIOUR **CH**
• Seeking for self-gratification by earning the thing. 4. EMOTIONS: BEFORE / AFTER **EM** • **Before :** Fear , Hopeless, Depressed • **After :** Confident , Aware	• This application will help the users to add their expenses so they can get an analysis of their expenditure in a graphical form. They have an option to set a limit of the amount to be used for a particular month and if the limit is exceeded the user will be notified with an alert message.	ONLINE • Google advertisements. • Social media platforms. OFFLINE • Through words. • Recommendation from the customers.

Left margin labels: Define CS, fit into CC | Focus on J&P, tap into BE, understand RC | Identify strong TR & EM

Right margin labels: Explore AS, differentiate | Focus on J&P, tap into BE, understand RC | Extract online & offline CH of BE

4. Requirement Analysis:

4.1 Functional Requirements:

1. Dashboard panel

The system shall authenticate the user and then display panel based on the particular identified user.

2. Add bill

The system shall allow the user to add bill details based on the user's need to the type of expenses.

3.Expense planner

Reporting and analytics are essential to any retailer because they tell you exactly what's going on in your business. Analyzing your data correctly enables you to make well-informed decisions around things like stock ordering, promotions, and staffing, among other things.

The Reporting and analytics are essential to any retailer because they tell you exactly what is going on in your business .Analyzing your data correctly enables you to make well-informed decisions around things like stock ordering,promotions and staffing among other things.

4. Expense tracker

The system should graphically represent the yearly expense numbers in form of report

5.Add notes

The system shall allow users to add notes to their expenses.

4.2 Non-Functional Requirements:

1. Usability

There is a consistency in all the modules and webpages. To ease the navigation there is a back tab to provide access to previous page. There is proper instruction on each page.

2. Reliability

Each data record is stored on a well-built efficient database schema. There is no risk of data loss. The internal evaluation of data is well coded.

3. Supportability

The system is well built to support any machine. Maintainability of the system is easy.

4. Performance

In order to ease the accessibility, the types of expenses are categorized along with an option to name on the own. Throughput of the system is increased due to light weight database support.

5. Availability

The system is available all the time, no time constraint.

5.Project Design

5.1 Data flow Diagrams:

A data flow diagram (DFD) is a graphical or visual representation using a standardized set of symbols and notations to describe a business's operations through data movement. Data flow diagrams provide a straightforward, efficient way for organizations to understand, perfect, and implement new processes or systems. They're visual representations of your process or system, so they make it easy to understand and prune.
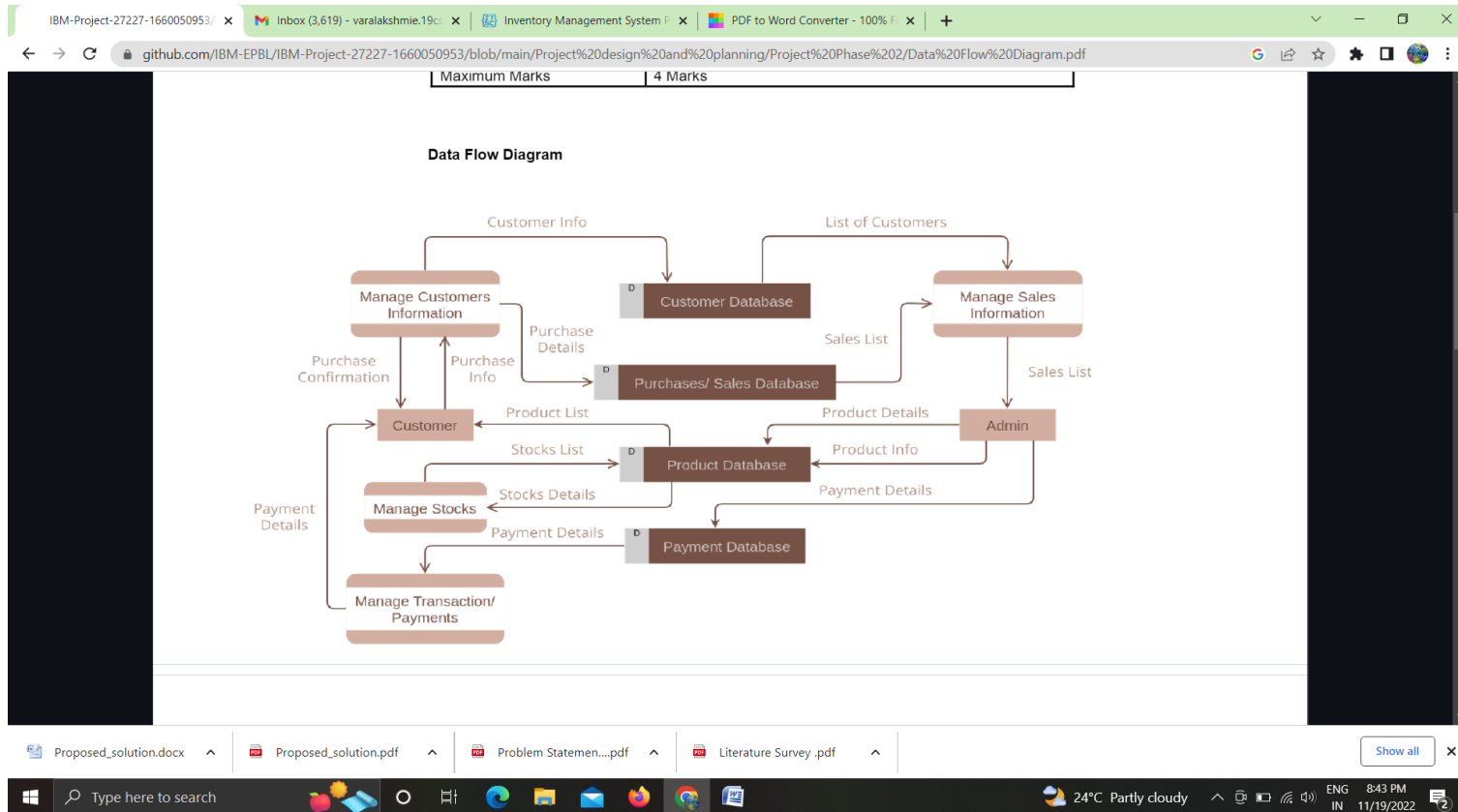
5.2 Solution & Technical Architecture:

Technical Architecture (TA) is a form of IT architecture that is used to design computer systems. It involves the development of a technical blueprint with regard to the arrangement, interaction, and interdependence of all elements so that system-relevant requirements are met.
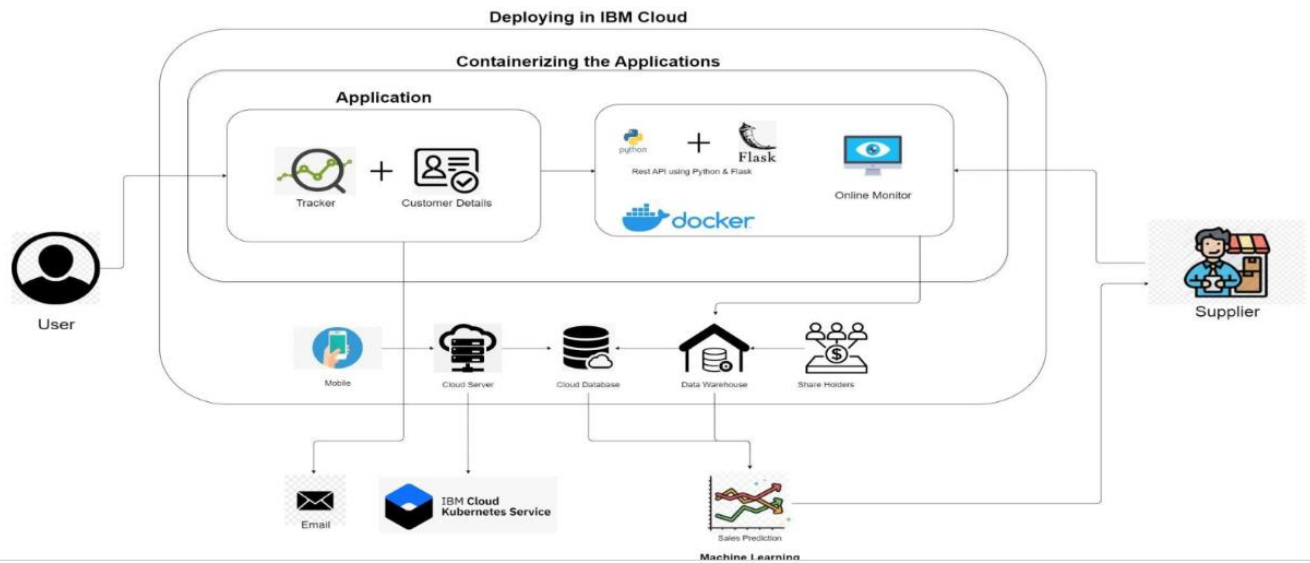
6.Project Planning & Scheduling:

6.1 Sprint Planning & Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Retailer	USN-1	The retailer can search for the stocks whatever he/she want and order them based on his/her requirement.	20	High	Varalakshmi E Sathya K Vivekanandhan Manish Kumar
Sprint-2	Inventory Manager	USN-2	The role of the inventory manager is to check out the database about the stock and have a track of all the things that	20	High	Varalakshmi E Sathya K Vivekanandhan Manish Kumar

Sprint							
			the users are purchasing.				
Sprint-3	Chatbot	USN-3	The retailers can directly talk with the chatbot regarding the stocks available in the inventory. Get the recommendations based on information provided by the retailer.	20	High		Varalakshmi E Sathya K Vivekanandhan Manish Kumar
Sprint-4	Final delivery	USN-4	Container of the applications using docker, Kubernetes and deployment of the application. Create the documentation and final submit the application	20	High		Varalakshmi E Sathya K Vivekanandhan Manish Kumar

6.2 Sprint Delivery Schedule:

A sprint schedule is a document that outlines sprint planning from end to end. It's one of the first steps in the agile sprint planning process—and something that requires adequate research, planning, and communication.

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	6 Days	28 Oct 2022	02 Nov 2022	20	02 Nov 2022
Sprint-2	20	6 Days	04 Oct 2022	09 Nov 2022	20	09 Nov 2022
Sprint-3	20	6 Days	11 Oct 2022	16 Nov 2022	20	16 Nov 2022
Sprint-4	20	6 Days	18 Oct 2022	23Nov 2022	20	23 Nov 2022

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

7. Coding & Solution:

7.1 Database Schema:

8. Testing

Testing is the process of evaluation a software item to detect differences between given input and expected output. Testing is a process should be done during the development phase.

Test Case Id	Test Description	Input Test Data	Expected Result	Actual Result	Remarks
TC-1	Install PET app in android phone	Transfer PET app	Open Application with it home page	Application executed with home page	Pass
TC-2	Enter valid data in username and password field	lyall	Show home page for user lyall	Displayed home page for user lyall	Pass
TC-3	Enter a valid data in username and leave password field empty	lyall	Show error	Didn't show any error	Fail

9. Results

Source Code: #Homepage.html

{% extends 'base.html' %} {% block body %}

{% extends 'base.html' %}

{% block body %}

```
<style>
body{


 /* background-image: url('../static/images/hb2.png'); */
 background-repeat: no-repeat;
 background-attachment: fixed;
 overflow: hidden;
}
img{
 border-radius: 14px;
}
 H1 {
 position: relative;
 right: -650PX;
 top: -350PX;
 color:#000000;
 font-size: 60px;
 }
p{
position: relative;
right: -680px;
top: -300px;
font-family:monospace;
font-size: 18px;
color: #000000;
```

```
}
span{
 position: relative;
right: -650px;
top: -310px;
color: rgb(221, 67, 157);
}
 .ccc {
 position: relative;
 top:80px;
 left:-100px;
 bottom: 100px;


 } </style>
 <div id=aa class="container">
 <div class="ccc">
 <!--<img height="450px" width="450px" style="position: relative; top: 50px; left: 90PX;"
src="../static/images/homepage1.png"> -->
 <video height="450px" width="450px" style="position: relative; top: 50px; left: 90PX;" autoplay
loop>
 <source src="/static/images/hbg1.mp4" type="video/mp4">
 <source src="/static/images/hbg1.ogg" type="video/ogg">
 Your browser does not support the video tag.
 </video>
 <h1>LET'S START JOURNEY</h1>
 <P>Kadg web application helps<br> you to maintain budget<br>
 and analyse the expense...</P>
 <img height="125px" width="13%" style="position: relative; top: -665PX; left: -50PX;"
src="../static/images/stock3.png">


 </div>
 <span class="btn btn-outline-dark"><a style="color: #FFA62B;" href="/add">Let's Begin</a></span>
```

```
</div>
<script>
window.watsonAssistantChatOptions = {
integrationID: "2b3b02fd-8700-468a-97d2-faaf63f747d3", // The ID of this integration.
region: "eu-gb", // The region your integration is hosted in.
serviceInstanceID: "32361bf7-986e-4117-986d-25414121489d", // The ID of your service instance.
onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
const t=document.createElement('script');
t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
document.head.appendChild(t);
});
</script>
{% endblock %}
```

#Home.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>Kadg Budget</title>
</head>
<body>
<!-- Header -->
<section id="header">
<div class="header container">
<div class="nav-bar">
```

```html
<div class="brand">
<a href="#hero">
<h1><span>K</span>adg <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="/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>
```

```html
    </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>Kadg Budget provides a many services to the customer and industries. Financial solutions to
    meet your needs whatever your money goals,there is a Finbudget solution to help you reach them </p>
    </div>
    <div class="service-bottom">
    <div class="service-item">
    <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>
    <h2>Personal Expenses</h2>
    <p>Budgetting 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"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></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"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>
    <h2>Online Banking</h2>
    <p>Kadg Budget application can automatically download transactions and send payments online
    from many financial institutions</p>
    </div>
    <div class="service-item">
    <div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/services.png" /></div>
    <h2>Financial Life</h2>
```

```html
<p>Get your Complete financial picture at a glance. With Kadg Budget 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">
<img src="..\static\images\expenses.jpg" alt="img">
<br><br><br><br><br>
<!--<div><h2>Personal Expense Tracker ceo, Gowshika N M, Dhivya Bharathi R, Abitha T, Kavithasri
V </h2></div> -->
</div>
</div>
<div class="col-right">
<h1 class="section-title">About <span>KADG</span></h1>
<h2>Financial Solution</h2>
<p>Kadg Budget financial solution is Personal Expense Tracker (PET) which is a daily expense
management system which is
specially designed for non- salaried and salaried personnel for keeping track of their daily
expenditure with easy and
effective way through computerized system which tends to eliminate manual paper works. It will
also manage records in
systematic way and user can access the stored data conveniently. We have tried to design the
project in such way that
user may not have any difficulty in using this application without much effort.
This software can be really used by end user who have Android running devices with them. </p>
```

```html
<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"><img src="https://img.icons8.com/bubbles/100/000000/phone.png" /></div>
<div class="contact-info">
<h1>Phone</h1>
<h2>+91 7708642598</h2>
<h2>+91 6382285044</h2>
</div>
</div>
<div class="contact-item">
<div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/new-post.png" /></div>
<div class="contact-info">
<h1>Email</h1>
<h2>kadg1234@gmail.com</h2>
</div>
</div>
<div class="contact-item">
<div class="icon"><img src="https://img.icons8.com/bubbles/100/000000/map-marker.png"
/></div>
<div class="contact-info">
<h1>Address</h1>
```

```html
    <h2>Salem,Tamilnadu,India</h2>

    </div>

    </div>

    </div>

    </div>

    </section>

    <!-- End Contact Section -->

    <!-- Footer -->

    <section id="footer">

    <div class="footer container">

    <div class="brand">

    <h1><span>K</span>adg <span>B</span>udget</h1>

    </div>

    <h2>Your Complete Financial Solution</h2>

    <div class="social-icon">

    <div class="social-item">

     <a href="https://twitter.com/Newtz_newtton"><img
src="https://img.icons8.com/carboncopy/100/null/twitter.png"/></a>

     </div>

     <div class="social-item">

     <a href="https://www.linkedin.com/in/nivethitha-shanmuganathan/"><img

src="https://img.icons8.com/carbon-copy/100/null/linkedin.png" /></a>

     </div>

     <div class="social-item">

     <a href="https://www.instagram.com/__naveen.__01/"><img

src="https://img.icons8.com/carbon-copy/100/null/instagram-new--v1.png"/></a>

     </div>

     <div class="social-item">

     <a href="http://t.me/poojabalak"><img src="https://img.icons8.com/wired/64/null/telegramapp.png"/></a>

     </div>

     </div>

     <p>Copyright © 2021 . All rights reserved</p>

     </div>
```

</section>

 <!-- End Footer -->

 <script src="..\static\js\home.js"></script>

</body>

</html>

#forgot.html

<html lang="en">

<head>

 <style>

 *, *:before, *:after {

 -webkit-box-sizing: border-box;

 box-sizing: border-box;

 }

body {

 background-image: url('static/images/fpbg1.jpeg');

 background-repeat: no-repeat;

 background-attachment: fixed;

 background-size: cover;

 font-family: 'Lato', sans-serif;

 }

/***** For Smartphones *******/

.container-center {

 position: absolute;

 left: 25%;

 width: 95%;

 height: 90%;

 -webkit-transition: all 0.1s;

 transition: all 0.1s;

 bottom: 40%;

 -webkit-transform: translateX(-50%) translateY(50%);

 transform: translateX(-50%) translateY(50%);

```css
}
h2, img {
 text-align: center;
 color: white;
 font-weight: 10;
 text-shadow: 0px 1px rgba(0, 0, 0, 0.3);
}
h4{
 text-align: center;
 color:black;
 font-size: 1.1em;
 font-family: times;
 font-style:normal;
 line-height: 130%;
opacity: .6;
}
form {
 width: 100%;
 overflow: hidden;
 background-color: #FEFEFE;
 padding: 70px 13px;
 border-radius: 21px;
 -webkit-box-shadow: 0px 5px 34px rgba(0, 0, 0, 0.1);
 box-shadow: 0px 5px 34px rgba(0, 0, 0, 0.1);
}
formgroup {
 position: relative;
 width: 100%;
 display: block;
 margin: 1em 0;
 font-size: 1em;
}
```

```css
formgroup input {
 width: 100%;
 border: none;
 border-bottom: 1px solid #888888;
 padding: 8px 0;
 font-size: inherit !important;
 margin-bottom: 13px;
 outline: none;
 opacity: 0.7;
 font-weight: 600;
}
formgroup input:focus {
 opacity: 1;
 border-bottom: 2px solid #F71442;
 color: #F71442;
}
formgroup label {
 position: absolute;
 font-size: 0.8em;
 top: -1em;
 left: 0;
 -webkit-transition: all 0.3s;
 transition: all 0.3s;
 opacity: 0.7;
 color: #888888;
 text-transform: uppercase;
}
formgroup span {
 position: absolute;
 top: -1em;
 left: -500px;
 opacity: 0;
```

```css
  color: #333333;

  font-weight: bold;

  text-transform: uppercase;

  font-size: 0.8em;

  -webkit-transition: all 0.3s;

  transition: all 0.3s;

}
formgroup input:focus + label {

  left: 500px;

  opacity: 0;

}
formgroup input:focus ~ span {

  left: 0;

  opacity: 1;

}
.forgot {

  display: block;

  width: 100%;

  text-align: center;

  font-size: 1em;

  font-weight: bold;

  margin-top: 21px;

  opacity: 0.8;

}
#login-btn {

  border: none;

  color: #FEFEFE;

  padding: 0.8em 0;

  font-size: 1em;

  font-weight: 300;

  width: 100%;

  border-radius: 55px;
```

```css
  -webkit-box-shadow: 0px 3px 21px #A594F9;
  box-shadow: 0px 3px 21px #A594F9;
  background: -webkit-gradient(linear, left top, right top, from(#F98340), to(#F71442));
  background: #A594F9;
  background-size: 100%;
  text-shadow: 0px 1px 2px rgba(0, 0, 0, 0.2);
}
.social {
  margin-top: 1.8em;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
}
.social button {
  width: 50%;
  margin: 0 8px;
  padding: 10px 0;
  font-size: 0.9em;
  border: none;
  border-radius: 34px;
  -webkit-box-shadow: 0px 1px 13px rgba(0, 0, 0, 0.2);
  box-shadow: 0px 1px 13px rgba(0, 0, 0, 0.2);
  color: white;
  font-weight: bold;
  cursor: pointer;
}
.social #facebook {
  background: #1F4788;
  background: -webkit-gradient(linear, left top, right top, from(#4B77BE), to(#1F4788));
  background: linear-gradient(to right, #4B77BE, #1F4788);
  background-size: 100%;
}
```

```css
.social #google {
 background: #FEFEFE;
 background: -webkit-gradient(linear, left top, right top, from(#FEFEFE), to(#f1f1f1));
 background: linear-gradient(to right, #FEFEFE, #f1f1f1);
 background-size: 100%;
 color: #F71442;
}
p {
 color: white;
 text-align: center;
}
p a {
 color: inherit;
 text-decoration: none;
 font-weight: bold;
}
/***** For Tablets *******/
@media screen and (min-width: 480px) {
 .container-center {
 width: 70%;
 }
 #login-btn {
 padding: 0.8em 0;
 font-size: 1.2em;
 }
}
/***** For Desktop Monitors *******/
@media screen and (min-width: 768px) {
 .container-center {
 width: 500px;
 }
}
```

```html
    </style>
  </head>
  <body>
    <div class="container-center">
      <center><h1>Change Your Password</h1></center>
      <form action='/forgotpw' method="POST">
        <h4>Enter your email and new password
        </h4>
        <br>
        <formgroup>
          <input type="text" name="email" id="email" placeholder="Email"/>


          <span>enter your email</span>
        </formgroup>
        <formgroup>
          <input type="text" name="password" id="password" placeholder="New Password"/>
          <span>enter your new password</span>
        </formgroup>
        <br>
        <input type="submit" id="login-btn" value="Reset">
      </form>
      <p>Did you remember? <a href="/login">Login</a></p>
    </div>
  </body>
</html>
```

#year.pdf

```html
<!DOCTYPE html>
<html>
<head>
<title>Animated 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"
```

```html
rel="stylesheet">
<script src="https://kit.fontawesome.com/a81368914c.js"></script>
<meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body >
<img class="wave" src="..\static\images\wave1.png">
<div class="container">
<div class="img">
<div id="png"><a href="/" title="HOME"><img style="width:75px; height:75px ;
" src="..\static\images\home-page.png"></a></div>
<img src="..\static\images\bg.png">
</div>
<div class="login-content">
<form action='/login' method="POST">
<div class="msg">{{ msg }}</div>
<img src="..\static\images\avatar.png">
<h2 class="title">Welcome</h2>
 <div class="input-div one">
 <div class="i">
 <i class="fas fa-user"></i>
 </div>
 <div class="div">


 <input type="email" name="email" Placeholder="Email" class="input"
required>
 </div>
 </div>
 <div class="input-div pass">
 <div class="i">
 <i class="fas fa-lock"></i>
 </div>
 <div class="div">
```

```html
 <input type="password" name="password" placeholder="Password"
class="input" required>
 </div>
 </div>
 <a href="/forgot">Forgot Password?</a>
 <input type="submit" class="btn" value="Login">
<br>
<br>
<div class="app" >
<p>Don't have an account? <a id="app1"
href="\signup">Signup</a></p></div>
 </form>
 </div>
 </div>
 <script type="text/javascript" src="login.js"></script>
</body>
</html>
```

#today.html

```html
{% extends 'base.html' %}
{% block body %}
<div class="container ">

<div class="row">
 <div class="col-md-5">
 <h3 class="mt-5">Today Expense Breakdown</h3>

 <div class="card shadow mb-2 bg-white rounded-pill">
 <div class="card-body ">
 <div class="row">
 <div class="col-md-6">DATE</div>
 <div class="col-md-6"> AMOUNT </div>
```

```html
</div>
</div>
</div>
{% for row in texpense %}


<div class="card shadow mb-2 bg-white rounded-bottom">
<div class="card-body ">
<div class="row">
<div id ="ttime" class="col-md-6">{{row [0]}}</div>
<div id="tamount" class="col-md-6"> {{row[1] }} </div>
</div>
</div>
</div>


 {% endfor %}
</div>
</div>
<section>
 <div class="row">
 <div class="col-md-6">
 <h3 class="mt-5">Expense Breakdown BY Category</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">
```

```html
<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">
```

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

#signup.html

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

```
{% block body %}
<div class="container ">


<div class="row">
 <div class="col-md-5">
 <h3 class="mt-5">MONTH Expense Breakdown</h3>


 <div class="card shadow mb-2 bg-white rounded-pill">
 <div class="card-body ">
 <div class="row">
 <div class="col-md-6"> DATE </div>
 <div class="col-md-6"> AMOUNT </div>
 </div>
 </div>
 </div>
 {% for row in texpense %}


 <div class="card shadow mb-2 bg-white rounded-bottom">
 <div class="card-body ">
 <div class="row">
 <div id ="ttime" class="col-md-6">{{row [0]}}</div>
 <div id="tamount" class="col-md-6"> {{row[1] }} </div>
 </div>
 </div>
 </div>


 {% endfor %}
</div>
</div>
<section>
 <div class="row">
 <div class="col-md-6">
```

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

```html
</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
```

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

#month.html

```
{% extends 'base.html' %}
{% block body %}
<div class="container ">


<div class="row">
 <div class="col-md-5">
 <h3 class="mt-5">MONTH Expense Breakdown</h3>


 <div class="card shadow mb-2 bg-white rounded-pill">
 <div class="card-body ">
 <div class="row">
 <div class="col-md-6"> DATE </div>
 <div class="col-md-6"> AMOUNT </div>
 </div>
 </div>
 </div>
 {% for row in texpense %}


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

```html
<div id ="ttime" class="col-md-6">{{row [0]}}</div>
<div id="tamount" class="col-md-6"> {{row[1] }} </div>
</div>
</div>
</div>


{% endfor %}
</div>
</div>
<section>
<div class="row">
<div class="col-md-6">
<h3 class="mt-5">Expense Breakdown BY Category</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">
```

```html
<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">
```

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

#login.html
```
<!DOCTYPE html>
<html>
<head>
<title>Animated 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">
```

```html
<script src="https://kit.fontawesome.com/a81368914c.js"></script>
<meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body >
<img class="wave" src="..\static\images\wave1.png">
<div class="container">
<div class="img">
<div id="png"><a href="/" title="HOME"><img style="width:75px; height:75px ;
" src="..\static\images\home-page.png"></a></div>
<img src="..\static\images\bg.png">
</div>
<div class="login-content">
<form action='/login' method="POST">
<div class="msg">{{ msg }}</div>
<img src="..\static\images\avatar.png">
<h2 class="title">Welcome</h2>
 <div class="input-div one">
 <div class="i">
 <i class="fas fa-user"></i>
 </div>
 <div class="div">


 <input type="email" name="email" Placeholder="Email" class="input"
required>
 </div>
 </div>
 <div class="input-div pass">
 <div class="i">
 <i class="fas fa-lock"></i>
 </div>
 <div class="div">
```

```html
  <input type="password" name="password" placeholder="Password"
class="input" required>
  </div>
  </div>
  <a href="/forgot">Forgot Password?</a>
  <input type="submit" class="btn" value="Login">
<br>
<br>
<div class="app" >
<p>Don't have an account? <a id="app1"
href="\signup">Signup</a></p></div>
  </form>
  </div>
  </div>
  <script type="text/javascript" src="login.js"></script>
</body>
</html>
```

#limit.html

```html
{% extends 'base.html' %}
{% block body %}
<p> Currently your MONTHLY limit is ₹ {{y}} </p>
<form action="/limitnum" method="POST">
 <p> ENTER the MONTHLY LIMIT to avoid over EXPENSES</p><br/>
 <input type="number" name="number" required/><span>
 <input class="btn btn-warning" type="submit" name="ENTER"/>
 </span>
</form>
{% endblock %}
```

#add.html

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

```html
body{
overflow: hidden;
}
</style>
<div class="container">
<div class="row">
<div class="col-md-6">
<br>
<br>
<br>
<h3>Add Expense</h3>
<form action="/addexpense" method="POST">


<div class="form-group">
<br>
<label for="">Date</label>
<input class="form-control" type="date" 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>
<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>
```

```html
<option name="onlinebanking" value="onlinebanking">onlinebanking</option>

</select>

<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" type="submit" value="Add" id="">

</form>

<div style="position: relative; left: 590px; top: -460px;" class="imagge">
<img width="120%" height="100%" src="../static/images/expense.png" class="rounded floatleft" alt="...">
</div>

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

#display.html

```
{% extends 'base.html' %}
{% block body %}
<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[1]}}</span></div>
 <div class="col-md-2 mt-3"><H6>{{row[2]}}</H6></div>
 <div class="col-md-2 mt-3" > ₹<span style=" color: rgb(255, 0, 0) "> {{row[3]}} </div>
 <div class="col-md-2 mt-3">
 <span class="badge badge-pill badge-info">{{row[4]}}</span>
 </div>
 <div class="col-md-2 mt-3">
 <span class="badge badge-primary">{{row[5]}}</span>
 </div>
 <div class="col-md-1 mt-3">
 <a href="/edit/{{row[6]}} " class="btn btn-sm btn-success">Edit</a>
 </div>
 <div class="col-md-1 mt-3">
 <a href="/delete/{{row[6]}}" class="btn btn-sm btnDelete btn-success">Delete</a>
 </div>
```

```html
</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="/add"> ADD-DATA
</a> to Display</h3></div>
<img width=60% src="../static/images/no data found.png">
</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>
</div>
{% endblock %}
```

#edit.html

```
{% extends 'base.html' %}
{% block body %}
<div class="container">
  <div class="row">
  <div class="col-md-6">
  <h3>Edit Expense</h3>
  <form action="/update/{{expenses[6]}}" method="POST">
```

```html
<input type="hidden" class="form-control" name="" value = "{{expenses[6]}}" id="">
<div class="form-group">
<label for="">Date</label>
<input class="form-control" type="date" name="date" value="{{expenses[1]}}"
id="date"></div>
<script type="text/javascript">
var d = new Date(value="{{expenses[1]}}" );
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[2]}}"
id="expensename">
</div>
<div class="form-group">
<label for="">Expense Amount</label>
<input class="form-control" type="number" min="0" name="amount"
value="{{expenses[3]}}" id="amount">
</div>
<div class="form-group">
<label for=""></label>
<select class="form-control" name="paymode" value="{{expenses[4]}}" id="paymode">
<option selected hidden>{{expenses[4]}}</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[5]}}" id="category">
<option selected hidden>{{expenses[5]}}</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" type="submit" value="Update" id="">

</form></div>

</div></div>

{% endblock %}
```

Advantages:

1. **You have no control over your money**If you don't check your spending and create a budget, you will have no control whatsoever on your money. Instead, money will control you, and you will either have perpetual lack of funds or you will end up steeped in debt. A money manager app helps you decide between short-term and long-term spending.

2. **You have no financial goals:**If you are spending money frivolously, you will not have money to set financial goals. However, when you have a daily expense manager, you will be able to work with limited resources and use your money in a wise manner so that you can create financial goals and ensure you meet them.

3. **You are unaware what is happening with your money:**If you are clueless about how much is your inflow and how much you are spending; you will not know at the end of the month what happened to your money. An expense tracker helps you figure out what is happening to your money, and whether you can afford something you want.

4. **You spend and save in a haphazard manner:** If you don't have great financial management skills, you will not know how to categorize your expenses. However, tracking your expenses and budgeting them will help you become aware of how much you have to allocate to each expense category, and if you are short, you will be able to make adjustments with ease**.**

5. **You have no clue about making your money work for you:**In this day and age, when expenses are going through the roof, it has become crucial that you learn to make your money work for you so that you can create a nest egg for the future.

6. **You don't have funds for emergencies** Remember, emergencies come when you least expect. Hence, if you don't have money stashed away for a rainy day, you will end up borrowing from family and friends.

This way you could get into debt that will be difficult to pay back due to your poor money management skills

Disadvantages:

Your information is less secure, and probably being used and sold. If the service is free, then the product is you. Mint.com, like other financial apps, is a free service. 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 analysed, by someone, somewhere. Now, you shouldn't have to worry about credit card fraud or identity theft, these companies are large enough and secure enough that you'll never have to worry about something like that. Just recognize that your information, most likely anonymous, will be used and potentially even sold. Personally, I have no problem with that, but if you do, then make sure you avoid these types of services. Automating everything to do with your finances can make you financially lazy. If your bills are paid automatically and your finances are track automatically, then what is there left for you to do? Not a lot, to be honest. So you might stop caring about what you're spending and where your money is going. Eventually you may look at your Mint data and realize that you've blown your budget over the last two months, but by then it is too late. So if you do choose to use this program, ensure that you are also being diligent in checking in on your finances. Set up a weekly or biweekly check for yourself to go through your finances and hit on all the important points.

Conclusion:

After making this application we assure that this application will help its users to manage the cost of their daily expenditure. It will guide them and aware them about their daily expenses. It will prove to be helpful for the people who are frustrated with their daily budget management, irritated because of amount of expenses and wishes to manage money and to preserve the record of their daily cost which may be useful to change their way of spending money. In short, this application will help its users to overcome the wastage of money

GitHub Link:

https://github.com/IBM-EPBL/IBM-Project-29655-1660128156

Project Demo Link: