

Project Report
On
“ACCOUNTING SYSTEM FOR APMC”
Submitted By
“Kendre Dhanraj Balaji”
MASTER OF SCIENCE IN COMPUTER SCIENCE



School of Computational Science
SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY
NANDED (M. S.) 431606
Year 2022-2023

Project Report
On
ACCOUNTING SYSTEM FOR APMC

Submitted By

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[VZ10363]

Guided By
Dr H.S. Fadewar

In partial fulfilment for the award of
MASTER OF SCIENCE IN COMPUTER SCIENCE

School of Computational Science
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NANDED (M. S.) 431606

Year 2022-2023

CERTIFICATE

This is to certify that, the project “**ACCOUNTING SYSTEM FOR APMC**” Submitted by
“**KENDRE DHANRAJ BALAJI**”

Is a bonafide work completed under my supervision and guidance in partial fulfilment for
award of Master of Science in Computer Science Degree of Swami Ramanand Teerth
Marathwada University, Nanded

Place:Nanded

Date:

Dr H. S. Fadewar
Guide

Dr G. C. Chowdhary
Director

CONTENTS

1. INTRODUCTION.....	1
1.1 Introduction.....	1
1.2 Necessity.....	1
1.3 Existing System and Need for System.....	1
1.4 Scope of Work.....	2
1.5 Objectives.....	2
2. ANALYSIS.....	3
3. PROPOSED SYSTEM.....	4
3.1 Proposed System.....	4
3.2 Objectives of System.....	4
3.3 User Requirements.....	4
4. SYSTEM DEVELOPMENT.....	5
4.1 Which SDLC models is used?.....	5
4.2 System Flowchart.....	7
4.3 DFD.....	8
4.4 ER Diagram.....	9
4.5 Data Dictionary, Table Design.....	9
4.6 Front End Design, Menu Tree, Menu Screens, Input Screens.....	10
5. PERFORMANCE ANALYSIS.....	100
5.1 Testing.....	100
5.2 Implementing Testing.....	100
6. CONCLUSION.....	103
6.1 Conclusion.....	103
6.2 Future Scope.....	103
6.3 Applications/Utility.....	103
6.4 User Manual.....	103
6.5 Proposed Enhancements.....	103
REFERENCES.....	104
ACKNOWLEDGEMENT.....	105

1. INTRODUCTION

1.1 Introduction

What is APMC? APMC means the Agricultural Produce & Livestock Market Committee which is a government organization responsible for regulating and overseeing the marketing of agricultural produce in India.

What is Accounting System for APMC? As the name suggests, it refers to the financial management system which record, track and manage financial transactions and operations.

I have created an automated accounting system software that can streamline financial management tasks, improve data accuracy, and provide real-time financial reporting also minimizing the paperwork with UPI option for payment encouraging cashless transactions.

This project is created for APMCs by keeping their transactions and operations in mind. So, it is a targeted system can be used by only APMCs.

1.2 Necessity

Implementing an Accounting System for APMC is crucial for several reasons such as financial management, transparency and accountability, revenue management, cost management, decision-making support, audit and evaluation, etc.

Overall, an accounting system for APMC is essential to ensure financial integrity. It provides accurate and timely financial information, promotes transparency, aids decision-making.

1.3 Existing System and Need for System

Remember, the best method does not have to be one scoring high on all criteria, but the one that scores your own preferred level. Now let's take a look at the few most popular accounting systems.

Tally

Tally is a popular software among small businesses and accountants. It has multiple versions of the application to appeal to a wide range of users. Tally functions as an end-to-end solution to statutory regulations. Its top features include invoice and ledger creation, cheque printing, instant reports, automatic bank reconciliation, cost estimates, analysis of profits.

Marg

Marg is a taxed-based accounting software that offers advanced features for businesses within the pharmaceutical and manufacturing industries. This application is also ideal for growing businesses that are preparing to e-file their taxes.

Busy

Busy is an accounting software with three primary versions that businesses can choose from to best suit their needs. This application also offers both single-user and multiple users, which make it a good option for both small and larger-sized companies. It offers special features for companies in industries such as manufacturing, retail, trading and distribution.

Need for System

Looking at these mentioned accounting systems, they are not user-friendly that it does not help you use it with ease. They fail to guide their users in a simple way on how to use it when you do not have much knowledge about accounting.

They do not allow to open the same transaction screen from multiple computers.

They are not ideal for multi-branch and are not flexible.

They have low security, that you have to be very careful with the password as well. Once you lose or forget the user password the retrieving of data is very difficult and quite time consuming.

As they are offline software therefore, they have no backup in case your system crash or some mishap takes place. Therefore, you have to separately back up your data which gives birth to extra work.

To avoid such problems, trying out “Accounting System for APMC” is a must. And the one unique characteristic of this system is that it masters the art of simplicity.

1.4 Scope of Work

The scope of an accounting system for APMC is broad and encompasses various areas and functions withing the committee’s financial operations that is the entire financial management process, from recording transactions to generating reports and ensuring compliance.

1.5 Objectives

The objective of Accounting System for APMC is to provide an efficient and accurate way of managing financial transactions and information for the organization.

This system will help to record all financial transactions in a timely manner and to classify transactions according to their nature and purpose and also enabling streamlining financial management tasks.

2. ANALYSIS

As an analysis of this accounting system for APMC, it involves functionality and features such as transaction recording, financial reporting, user-friendliness that it will be user-friendly for the APMC staff who will be using it on a regular basis, future adaptability that the system can adapt to future technological advancements and evolving business needs.

3. PROPOSED SYSTEM

3.1 Proposed System

In my proposed system I have the provision for adding the records of proprietors, financial transactions by all the employees of APMC. Another advantage of the system is that it also includes the Proprietor Management System along with Recording Transactions. The records of the transactions are added in the database so the admin can view the data whenever he/she wants.

My proposed system has several advantages:

- User friendly interface
- Fast access to database
- Less Error
- More Storage Capacity
- Search Facility
- Track Records
- User-friendly environment

All the manual difficulties in managing and keeping the record books have been rectified by implementing computerization.

3.2 Objectives of System

The very first objective here is to provide an efficient and accurate way of managing financial transactions and information for the organization.

The software is able to accurately record all financial transactions in a timely manner.

The software is able to classify transactions according to their nature and purpose.

The software is able to generate reliable financial reports.

The software is able to streamline financial management tasks.

3.3 User Requirements

SOFTWARE SPECIFICATION

- Browser

HARDWARE SPECIFICATION

- A Processor good enough to support browsing the internet with ease for e.g. INTEL® CORE™ i5, 3.20GHz
- A RAM with size at least 4GB
- LAN CARD for internet connectivity.

4. SYSTEM DEVELOPMENT

4.1 Which SDLC model is used?

AGILE MODEL

Agile SDLC model is a combination of iterative and incremental process models with focus on process adaptability and customer satisfaction by rapid delivery of working software product. Agile method breaks the product into small incremental builds. These builds are provided in iterations. Each iteration typically lasts from about one to three weeks. Every iteration involves cross functional teams working simultaneously on various areas like – planning, requirement analysis, design, coding, unit testing and acceptance testing. At the end of the iteration, a working product is displayed to the customer and important stakeholders.

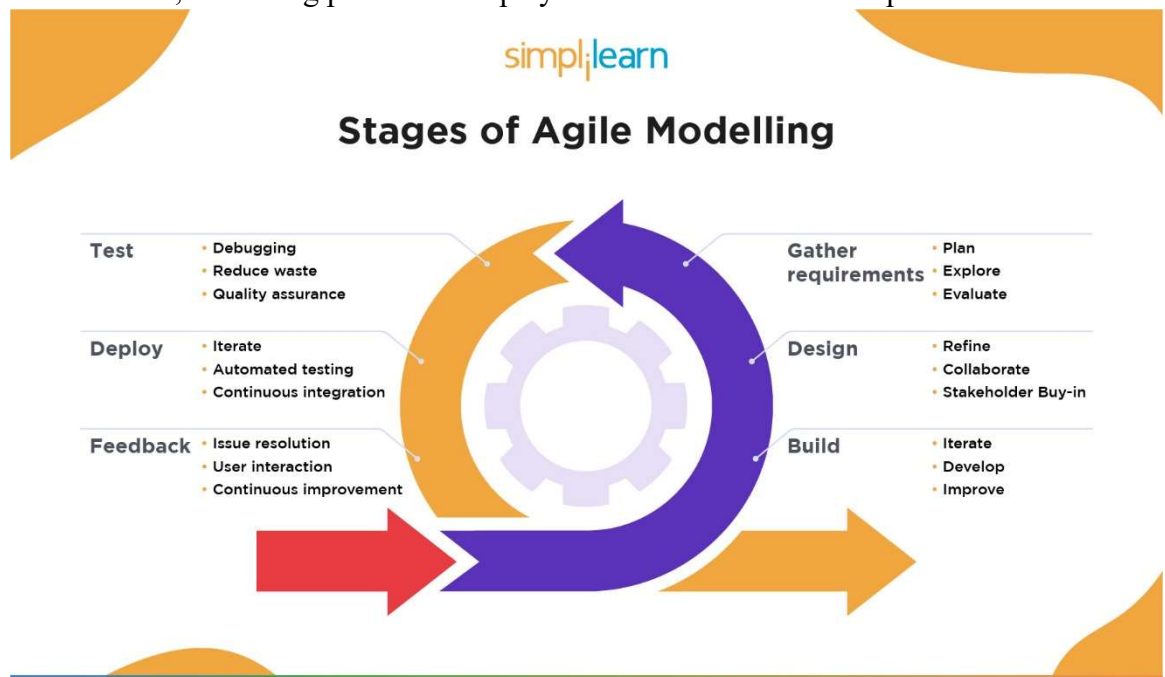


Fig. Agile Model

1. Requirements Gathering

In this phase, you must define the requirements. You should explain business opportunities and plan the time and effort needed to build the project. Based on this information, you can evaluate technical and economic feasibility.

2. Design the Requirements

When you have identified the project, work with stakeholders to define requirements. You can use the use case diagram or the high-level UML diagram to show the work of new features and show how it will apply to your existing system.

3. Construction / iteration

When the team defines the requirements, the work begins. Designers and developers start working on their project, which aims to deploy a working product. The product will undergo various stages of improvement, so it includes simple, minimal functionality.

4. Testing

In this phase, the Quality Assurance team examines the product's performance and looks for the bug.

5. Deployment

In this phase, the team issues a product for the user's work environment.

6. Feedback

After releasing the product, the last step is feedback. In this, the team receives feedback about the product and works through the feedback.

4.2 System Flowchart

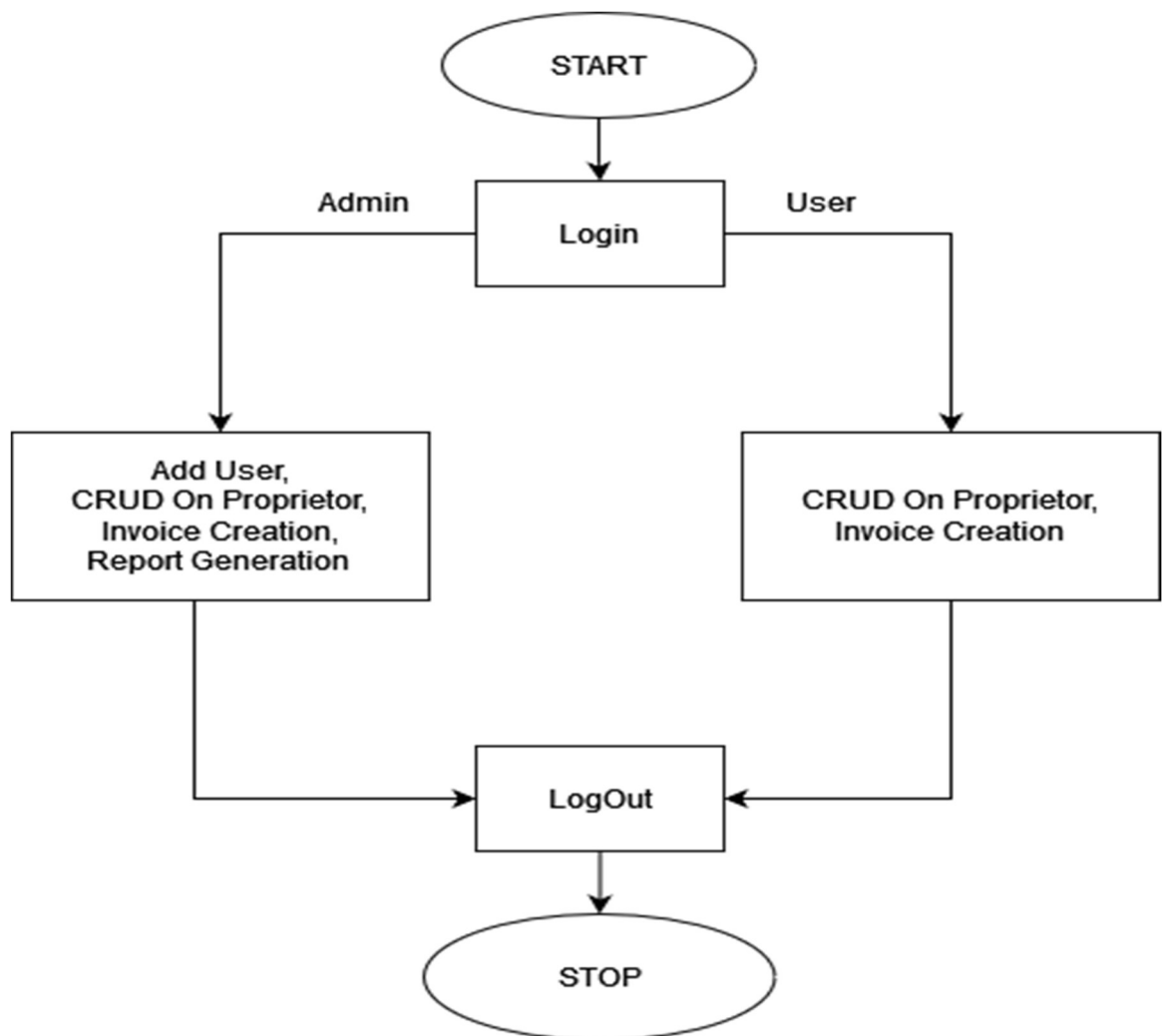


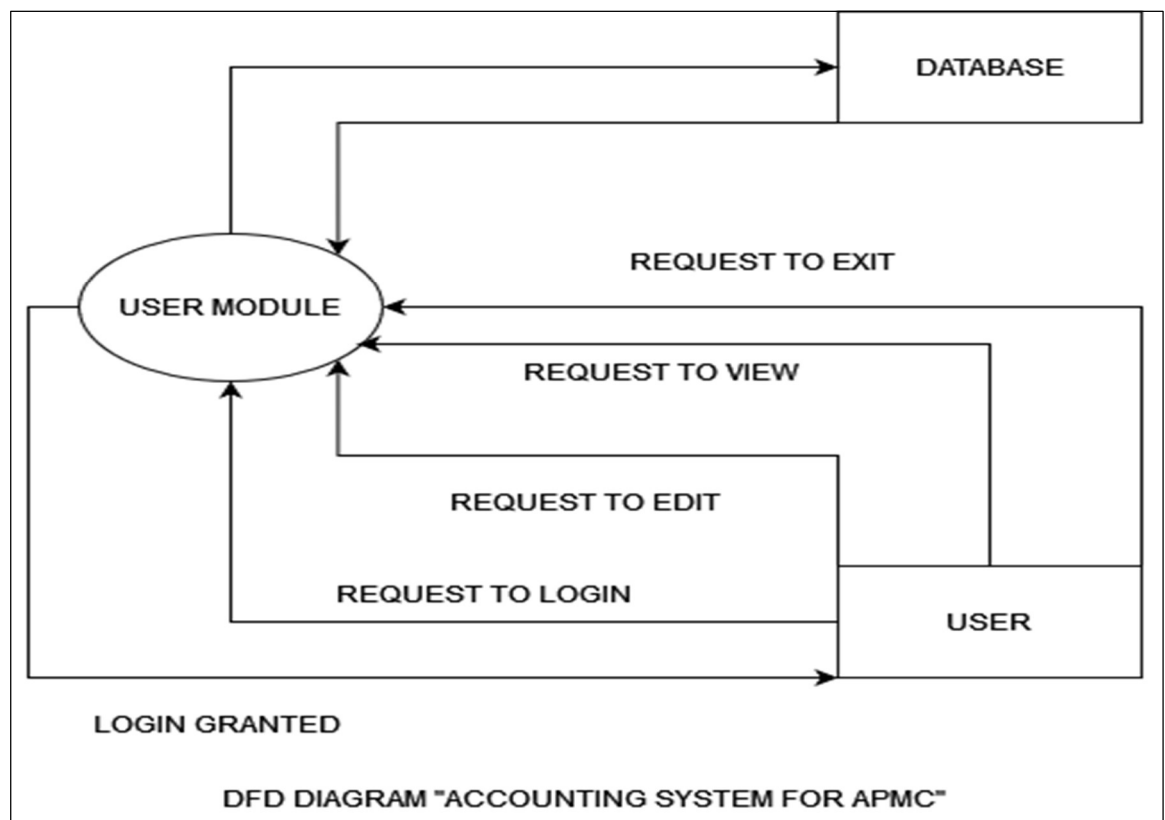
Fig. System Flowchart

4.3 DFD

A data-flow diagram (DFD) is a graphical representation of the “flow” of data through an information system. DFDs can also be used for the visualization of data processing (structured design).

On a DFD, data items flow from an external data source or an internal data store to an internal data store or an external data sink, via an internal process.

A DFD provides no information about the timing or ordering of processes, or about whether processes will operate in sequence or in parallel. It is therefore quite different from flowchart, which shows the flow of control through an algorithm, allowing a reader to determine what operations will be performed, in what order, and under what circumstances, but not what kind of data will be input to and output from the system, nor where the data will come from and go to, nor where the data will be stored (all of which are shown on a DFD).



4.4 Entity-Relationship Diagram (ERD)

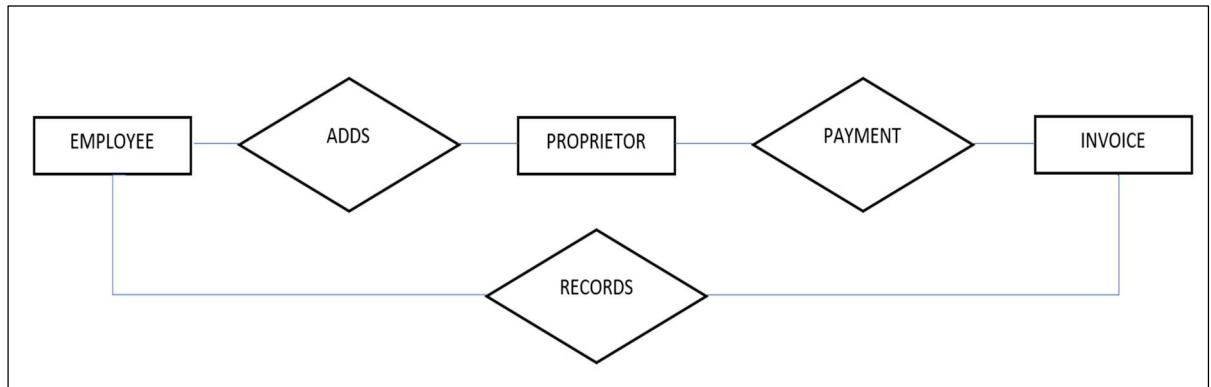


Fig. ER Diagram

4.5 Data Dictionary, Table Design

`employee`	
`ID`	int
`EmpName`	varchar
`EmpEmail`	varchar
`EmpPhone`	varchar
`EmpAadhar`	int
`EmpDesignatio...	varchar
`EmpUsername`	varchar
`EmpPassword`	varchar

`proprietor`	
`ID`	int
`PropID`	varchar
`PlotNumber`	varchar
`PlotOwner`	varchar
`LicenseHolder`	varchar
`ShopName`	varchar
`EmailID`	varchar
`PhoneNumber`	varchar
`AadharNumber`	int
`DateOfBirth`	varchar
`Aadtye`	tinyint
`AClass`	tinyint
`Processing`	tinyint
`Hamal`	tinyint
`RecordedBy`	varchar

`invoicerecords`	
`ID`	int
`IRProprietorID`	varchar
`IRLicenseHolderName`	varchar
`IRAadharNumber`	int
`IRDOB`	varchar
`IRDate`	varchar
`IRYear`	varchar
`IRLicenseFeesAadtye`	int
`IRLicenseFeesAClass`	int
`IRLicenseFeesProcessing`	int
`IRLicenseFeesHamal`	int
`IRLicenseRenewalFeesAadtye`	int
`IRLicenseRenewalFeesAClass`	int
`IRLicenseRenewalFeesProcessin...	int
`IRLicenseRenewalFeesHamal`	int
`IRPlotRent`	int
`IRMarketFeesMain`	int
`IRMarketFeesSecondary`	int
`IRSupervisionFees`	int
`IRFormFees`	int
`IRTavanPenalty`	int
`IRLateFees`	int
`IRLicenseFormFees`	int
`IRShoppingComplexRent`	int
`IRHishobPattiBook`	int
`IRBillBook`	int
`IRPohonchPavati`	int
`IROtherFees`	int
`IRNATax`	int
`IRTotalFees`	int
`IRCash`	tinyint
`IRCheque`	tinyint
`IRChequeNumber`	varchar
`IRUPI`	tinyint
`IRTransactionNumber`	varchar
`IRRecordedBy`	varchar

Fig. Data Dictionary, Table Design

4.6 Front End Design, Menu Tree, Menu Screens, Input Screens



APMC

Sign In

Username
DhanrajBK

Password


Log In

Fig. Login Screen

Add Employee

 Employee's Name (First Middle Last)

 Employee's Email

 Employee's Mobile Number

 Employee's Aadhar Number

 Choose Designation

[Register](#)



[Go Back To Home](#)

Fig. SignUp / Add Employee User Screen

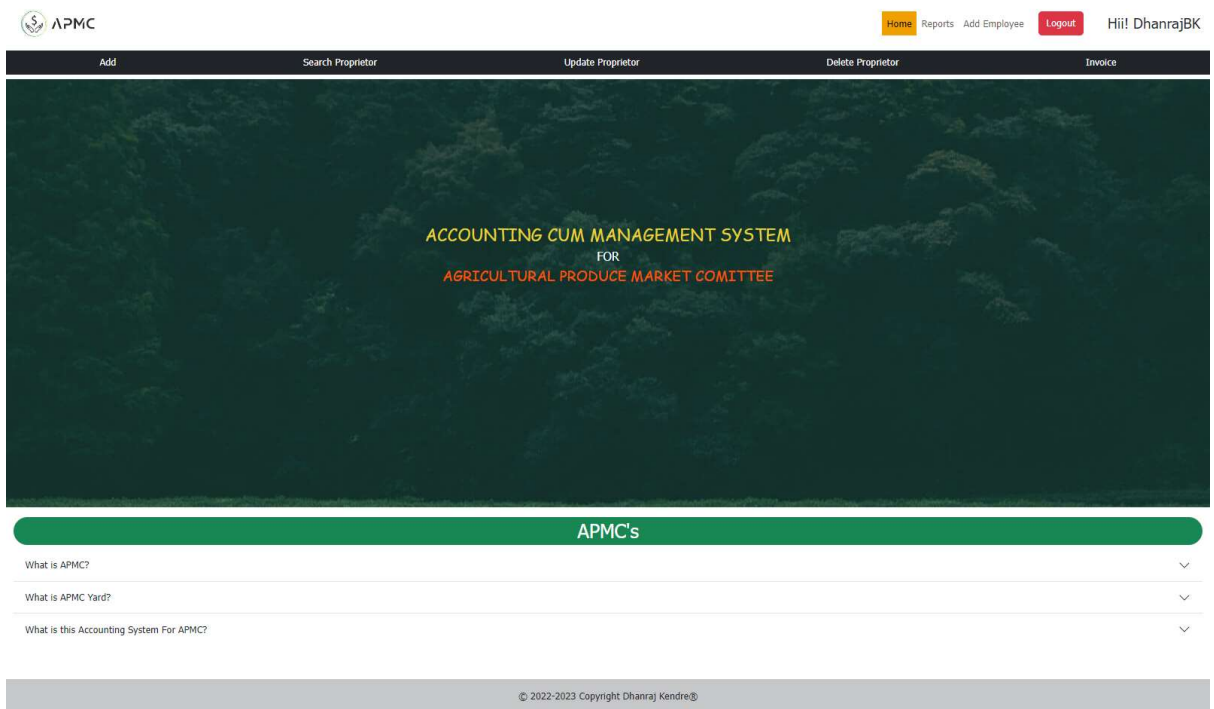


Fig. Home Screen

Fig. Add Proprietor Screen

Home Reports Add Employee Logout Hii! DhanrajBK

Add
Search Proprietor
Update Proprietor
Delete Proprietor
Invoice

#	Attribute	Property
1	Proprietor's ID	APMC006
2	Plot Number	6
3	Plot Owner's Name	ATC
4	License Holder's Name	MAT
5	Shop's Name	ATC
6	Email ID	mat@email.com
7	Phone Number	1236549870
8	Aadhar Number	654123987012
9	Date Of Birth	1990-12-31
10	License Type	Aadtye, A-Class,
11	Record Created By	admin

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Fig. Search Proprietor

Home Reports Add Employee Logout Hii! DhanrajBK

Add
Search Proprietor
Update Proprietor
Delete Proprietor
Invoice

Update Proprietor

License Type
☒ Aadtye
☒ A-Class
☐ Processing
☐ Hamal

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Fig. Update Proprietor

APMC

[Home](#)
[Reports](#)
[Add Employee](#)
[Logout](#)
Hii! DhanrajBK

[Add](#)
[Search Proprietor](#)
[Update Proprietor](#)
[Delete Proprietor](#)
[Invoice](#)

MAT

#	Attribute	Property
1	Proprietor's ID	APMC006
2	Plot Number	6
3	Plot Owner's Name	ATC
4	License Holder's Name	MAT
5	Shop's Name	ATC
6	Email ID	mat@email.com
7	Phone Number	1236549870
8	Aadhar Number	654123987012
9	Date Of Birth	1990-12-31
10	License Type	Aadtye, A-Class,
11	Record Created By	admin

Are you sure want to delete this record? If Yes, Click 'Delete'
[Delete](#)

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Fig. Delete Proprietor

APMC

[Home](#)
[Reports](#)
[Add Employee](#)
[Logout](#)
Hii! DhanrajBK

[Add](#)
[Search Proprietor](#)
[Update Proprietor](#)
[Delete Proprietor](#)
[Invoice](#)

APMC

License Holder's Name: MAT
 Shop's Name: ATC
 Date: 2023-05-15

Acquired For Year 2023-2024 From Him/Her As Per Following Details:

License Fees Aadtye	180	License Fees A-Class	180
License Fees Processing		License Fees Hamal	
License Renewal Fees Aadtye		License Renewal Fees A-Class	
License Renewal Fees Processing		License Renewal Fees Hamal	
Plot Rent		Market Fees Main	
Market Fees Secondary		Supervision Fees	
Form Fees	20	Tavan / Penalty	
Late Fees		License Form Fees	10
Shopping Complex Rent		Hishob Patti Book	
Bill Book		Pohonch Pavati	
Other Fees		NA Tax	

☐ Cash
 ☐ Cheque
 ☒ UPI

Enter Your Check Number Here
 390
Total Fees (in ₹)

[Save Receipt](#)

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Fig. Invoice Creation

Proprietors			Invoice Records				Financial Aspects				Tally		
Proprietor ID	Plot Number	Plot Owner	License Holder	Shop Name	Email ID	Phone Number	Aadhar Number	Date Of Birth	Aadtye	AClass	Processing	Hamal	Recorded By
APMC001	1	MT	SMAK	MT	smak@email.com	1234567890	954867258435	1986-09-10		AClass			admin
APMC002	2	SBB	BSB	NSTC	bsb@email.com	9735184862	742596485345	1970-05-11		AClass			admin
APMC003	3	VSM	MVS	VSM	mvs@email.com	6485315025	486527502565	1987-12-15		AClass			admin
APMC004	4	JDK	KJD	RTC	kjd@email.com	9425638752	657423051568	1985-09-08	Aadtye	AClass			admin
APMC005	5	VRM	MVR	VRM	mvr@email.com	6547852153	351284520351	1985-12-09		AClass			admin
APMC006	6	ATC	MAT	ATC	mat@email.com	1236549870	654123987012	1990-12-31	Aadtye	AClass			admin
APMC007	7	RSP	PRS	RSP	prs@email.com	8475862545	364857865125	1980-04-07		AClass			admin
APMC008	8	JPB	BPJ	JPB	bpj@email.com	6475852536	154285654825	1986-05-04		AClass			admin
APMC009	9	BBM	MBB	BBM	mbb@email.com	6547582545	453652854575	1980-09-06		AClass			admin
APMC010	10	BSI	IBS	BSI	ibs@email.com	6485236542	987542025632	1995-08-07		AClass			admin

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Fig. Proprietor Records

Transaction Number	Proprietor ID	License Holder's Name	Date	Year	License Fee Aadtye	License Fee AClass	License Fee Processing	License Fee Hamal	License Renewal Fee Aadtye	License Renewal Fee AClass	License Renewal Fee Processing	License Renewal Fee Hamal	Plot Rent	Market Fee (Main)	Market Fees (Secondary)	Supermarket Fees	Farm Fees	Taxon / Penalty	Late Fees	License Form Fees	Shopping Complex Rent	Haboh Patti Book	Bill Book	Polandh Parath	Other Fees	HA Tax	Total Fees	Cash	Cheque	Cheque Number	UPI	Recorded By
APMC001TXN00220001218359	APMC001	SMAK	2023-05-01	2023-2024	0	180	0	0	0	0	0	0	0	0	0	0	10	0	0	5	0	0	0	0	0	0	195	Cash				admin
APMC005TXN00220007218446	APMC005	MVR	2023-05-07	2023-2024	0	180	0	0	0	0	0	0	0	0	0	0	10	0	0	5	0	0	0	0	0	0	195				UPI	admin
APMC009TXN00220015218518	APMC009	MBB	2023-05-15	2023-2024	0	180	0	0	0	0	0	0	0	0	0	0	10	0	0	5	0	0	0	0	0	0	195	Cash				admin
APMC006TXN002200520218605	APMC006	MAT	2023-05-29	2023-2024	180	180	0	0	0	0	0	0	0	0	0	0	20	0	0	10	0	0	0	0	0	0	390	Cash				admin
APMC004TXN002200525218653	APMC004	KJD	2023-05-25	2023-2024	180	180	0	0	0	0	0	0	0	0	0	0	20	0	0	10	0	0	0	0	0	0	390				UPI	admin
APMC006TXN002200531218824	APMC006	MAT	2023-05-31		0	0	0	0	0	0	0	0	15000	0	6000	0	0	1000	0	0	0	0	0	500	0	22500	Cheque	987456132654		admin		
Total Sum					360	900	0	0	0	0	0	0	0	15000	0	6000	70	0	1000	35	0	0	0	0	500	0	23805	780	22500	-	985	-

Fig. Invoice Records

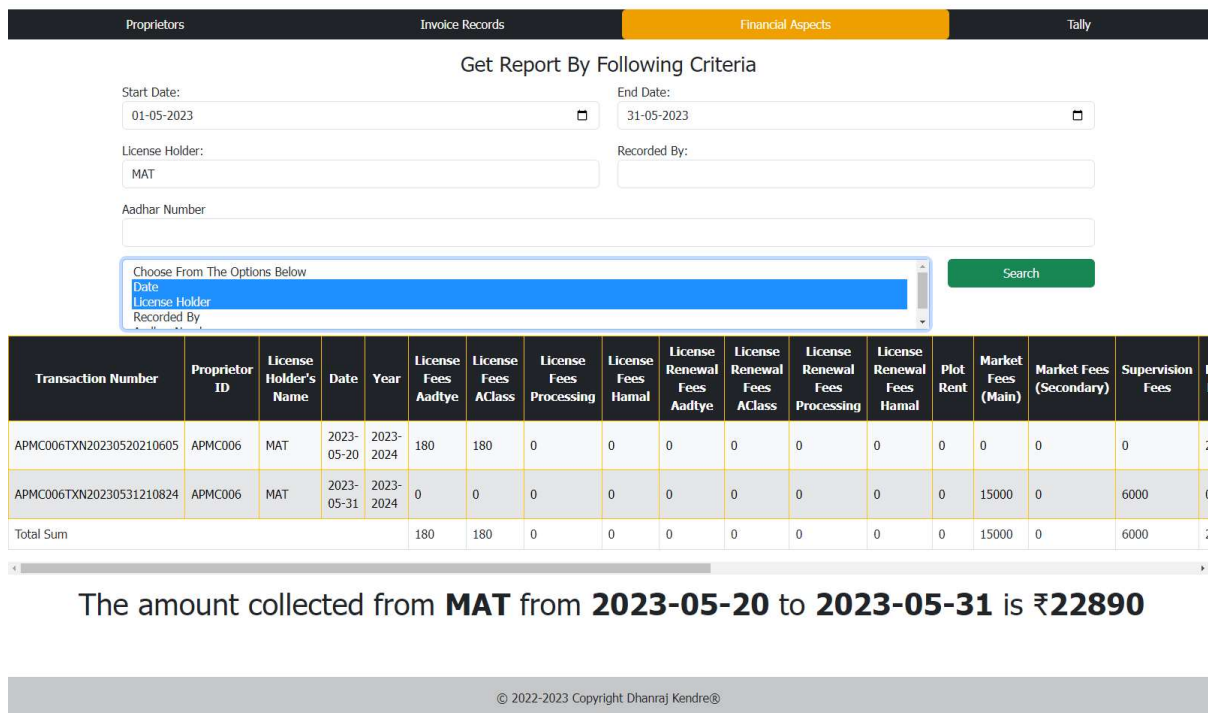


Fig. Invoice Records



Fig. Tally Screen

4.7 Coding

base.html

```
{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8" />

    <meta http-equiv="X-UA-Compatible" content="IE=edge" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>APMC | {% block title %}{% endblock title %}</title>

    <!-- Favicon Start -->

    <link rel="shortcut icon" href="{% static 'images/favicon/favicon.ico' %}" type="image/x-
icon" />

    <!-- Favicon End -->

    <!-- If internet is working fine -->

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link href="https://fonts.googleapis.com/css2?family=Prompt:wght@300&display=swap"
rel="stylesheet">

    <link rel="stylesheet" href="{% static 'css/base.css' %}">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
GLhlTQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD"
crossorigin="anonymous" />

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.10.4/font/bootstrap-icons.css" />

    {% block stylesheets %}{% endblock stylesheets %}

    <style>

        .active {

            background-color: #f0a000 !important;

        }

    </style>

</head>
```

```

<body>
  <!-- Navbar Start -->
  <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top px-3 d-flex justify-
content-evenly">
    <a href="/" class="navbar-brand">
      
    </a>
    <button type="button" class="navbar-toggler" data-bs-toggle="collapse" data-bs-
target="#navbarCollapse"
id="togglerbutton">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div id="navbarCollapse" class="collapse navbar-collapse align-items-center">
      <div class="navbar-nav mx-auto bg-white rounded pe-4 py-3 py-lg-0 text-dark">
        <a href="/" class="nav-item nav-link">Home</a>
        {% if user.is_staff %}
        <a href="/reports" class="nav-item nav-link">Reports</a>
        <a href="/signup" class="nav-item nav-link">Add&nbsp;Employee</a>
        {% endif %}
        <a href="/logout" class="btn btn-danger mx-3">Logout</a>
      </div>
    </div>
    <div class="fs-4 text-dark" style="margin-left: 0%;">
      Hii!&nbsp;{{ request.user }}
    </div>
  </nav>
  <!-- Navbar End -->
  <!-- Tabs Start -->
  <div class="bg-dark" id="navpills">
    <ul class="nav nav-pills nav-fill">
      <li class="nav-item">
        <a class="nav-link text-white text-decoration-none" aria-current="page"
href="/addproprietor">Add</a>

```

```

</li>
<li class="nav-item">
  <a class="nav-link text-white text-decoration-none" href="/searchproprietor">Search
Proprietor</a>
</li>
<li class="nav-item">
  <a class="nav-link text-white text-decoration-none" href="/updateproprietor">Update
Proprietor</a>
</li>
<li class="nav-item">
  <a class="nav-link text-white text-decoration-none" href="/deleteproprietor">Delete
Proprietor</a>
</li>
<li class="nav-item">
  <a class="nav-link text-white text-decoration-none" href="/createinvoice">Invoice</a>
</li>
</ul>
</div>
<!-- Tabs End -->
{% if messages %} {% for message in messages %}
<div class="alert alert-{{message.tags}} alert-dismissible fade show messages my-0 py-2"
role="alert">
  {{message}}
  <button type="button" class="btn-close" data-bs-dismiss="alert" aria-
label="Close"></button>
</div>
{% endfor %} {% endif %}
{% block bodycontent %} {% endblock bodycontent %}
<!-- Footer -->
<footer class="bg-light text-center mt-5">
<!-- Copyright -->
<div class="text-center p-3" style="background-color: rgba(0, 0, 0, 0.2)">
  &copy; 2022-2023 Copyright
  <a class="text-dark text-decoration-none" href="#">Dhanraj Kendre&reg;</a>

```

```

</div>
<!-- Copyright -->
</footer>
<!-- Footer -->
<!-- If internet is working fine -->
<!-- Javascript Start -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
crossorigin="anonymous"></script>
<!-- Javascript End -->
</body>
</html>
login.html
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <!-- Favicon Start -->
  <link rel="shortcut icon" href="{% static 'images/favicon/favicon.ico' %}" type="image/x-
icon" />
  <!-- Favicon End -->
  <!-- If internet isn't working -->
  <link rel="stylesheet" href="{% static 'node_modules/bootstrap/dist/css/bootstrap.css' %}"
/>
  <link rel="stylesheet" href="{% static 'node_modules/bootstrap-icons/font/bootstrap-
icons.css' %}" />
  <script src="{% static 'node_modules/bootstrap/dist/js/bootstrap.js' %}"></script>
  <script src="{% static 'node_modules/bootstrap/dist/js/bootstrap.bundle.js' %}"></script>
  <!-- If internet is working fine -->

```



```

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
GLhlTQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD"
crossorigin="anonymous" />
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.10.4/font/bootstrap-icons.css" />
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
crossorigin="anonymous"></script>
<title>APMC Login</title>
</head>
<body id="logincontainer">
  <div>
    <div class="container-fluid my-5 px-5">
      <div class="row m-auto w-25 h-25 mb-3">
        
      </div>
      <div class="row">
        <div class="col-md-6 m-auto">
          <div class="row justify-content-center">
            <div class="col-md-8 text-center">
              <div class="mb-4">
                <h3>Sign In</h3>
              </div>
              <form action=" " method="POST">
                {% csrf_token %}
                <div class="form-floating mb-3">
                  <input type="text" class="form-control" id="floatingUsername"
placeholder="text" name="username" />
                  <label for="floatingUsername">Username</label>
                </div>
                <div class="form-floating mb-3">

```

```

        <input type="password" class="form-control" id="floatingPassword"
placeholder="Password" name="password" />
        <label for="floatingPassword">Password</label>
    </div>
    <div class="d-flex justify-content-center mb-3">
        <div>
            <a href="/signup" class="fs-4 text-decoration-none">Register
Yourself</a>
        </div>
    </div>
    <div class="mb-3">
        <button type="submit" class="w-100 btn btn-success">
            Log In
        </button>
    </div>
</form>
</div>
</div>
</div>
</div>
</div>
<!-- If internet isn't working -->
<script src="{% static 'node_modules/@popperjs/core/dist/umd/popper.js' %}"></script>
<script src="{% static 'node_modules/bootstrap/dist/js/bootstrap.js' %}"></script>
<!-- If internet is working fine -->
<!-- Javascript Start -->
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"
integrity="sha384-
oBqDVmMz9ATKxIep9tiCxs/Z9fnfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.min.js"
integrity="sha384-
mQ93GR66B00ZXjt0YO5KlohRA5SY2XofN4zfuZxLkojlgXtW8ANNCe9d5Y3eG5eD"
crossorigin="anonymous"></script>

```

```

    <!-- Javascript End -->
</body>
</html>

signup.html
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- Favicon Start -->
    <link rel="shortcut icon" href="{% static 'images/favicon/favicon.ico' %}" type="image/x-
icon">
    <!-- Favicon End -->
    <!-- If internet isn't working -->
    <link rel="stylesheet" href="{% static 'node_modules/bootstrap/dist/css/bootstrap.css'
%}">
    <link rel="stylesheet" href="{% static 'node_modules/bootstrap-icons/font/bootstrap-
icons.css' %}">
    <script src="{% static 'node_modules/bootstrap/dist/js/bootstrap.js' %}"></script>
    <script src="{% static 'node_modules/bootstrap/dist/js/bootstrap.bundle.js'
%}"></script>
    <!-- If internet is working fine -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
GLhlTQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD"
crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.10.4/font/bootstrap-icons.css">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ENjdO4Dr2bkBIFxQpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
crossorigin="anonymous"></script>

```

```

<title>APMC | Add Employee</title>
<style>
  #signupcontainer {
    position: fixed;
    top: 20%;
    left: 13%;
    width: 75%;
    margin: auto;
  }
  #signupcontainer div div {
    background-color: white;
    border-radius: 25px;
  }
  .custominput {
    border: none !important;
    border-bottom: 1px solid black !important;
    background-color: transparent !important;
  }
</style>
<script>
  function passvisibilityfunction(){
    var x = document.getElementById("pass");
    var y = document.getElementById("passvisible");
    if (x.type === "password"){
      y.classList.remove("bi-eye-slash");
      y.classList.add("bi-eye");
      x.type = "text";
    } else {
      y.classList.remove("bi-eye");
      y.classList.add("bi-eye-slash");
      x.type = "password";
    }
  }
  function repassvisibilityfunction(){

```

```

var x = document.getElementById("repass");
var y = document.getElementById("repassvisible");
if (x.type === "password"){
    y.classList.remove("bi-eye-slash");
    y.classList.add("bi-eye");
    x.type = "text";

} else {
    y.classList.remove("bi-eye");
    y.classList.add("bi-eye-slash");
    x.type = "password";
}
}
</script>
</head>
<body>
    {% if messages %} {% for message in messages %}
    <div class="alert alert-{ {message.tags}} alert-dismissible fade show messages my-0 py-2"
role="alert">
        { {message}}
        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-
label="Close"></button>
    </div>
    {% endfor %} {% endif %}
    <div class="fs-5" id="signupcontainer">
        <div class="container-fluid py-4">
            <div class="row">
                <div class="col-md-6">
                    <h2 class="mb-3">Add Employee</h2>
                    <form action="/signup" method="POST">
                        {% csrf_token %}
                        <div class="input-group mb-3">
                            <label for="name" class="form-label mt-2"><i class="bi bi-person-fill me-
2"></i></label>

```

```

        <input type="text" name="name" id="name" placeholder="Employee's
Name (First Middle Last)" class="form-control custominput">
    </div>
    <div class="input-group mb-3">
        <label for="email" class="form-label mt-2"><i class="bi bi-envelope-fill
me-2"></i></label>
        <input type="email" name="email" id="email" placeholder="Employee's
Email" class="form-control custominput">
    </div>
    <div class="input-group mb-3">
        <label for="mobilenno" class="form-label mt-2"><i class="bi bi-phone-fill
me-2"></i></label>
        <input type="tel" name="mobilenno" id="mobilenno"
placeholder="Employee's Mobile Number"
        class="form-control custominput">
    </div>
    <div class="input-group mb-3">
        <label for="aadhar" class="form-label mt-2"><i class="bi bi-person-fill me-
2"></i></label>
        <input type="text" name="aadhar" id="aadhar" placeholder="Employee's
Aadhar Number" class="form-control custominput">
    </div>
    <div class="input-group mb-3">
        <label for="designation" class="form-label mt-2"><i
        class="bi bi-journal-album me-2"></i></label>
        <select name="designation" id="designation" class="form-control
custominput">
            <option value="Choose_Designation" disabled selected>Choose
Designation</option>
            <option value="Secretary">Secretary</option>
            <option value="Vice_Secretary">Vice-Secretary</option>
            <option value="Accountant">Accountant</option>
            <option value="Cashier">Cashier</option>
            <option value="Clerk">Clerk</option>

```

```

        </select>
    </div>
    <div class="mb-3">
        <button type="submit" value="Register" class="btn btn-primary fs-4">Register</button>
    </div>
</form>
</div>
<div class="col-md-6">
    <div class="text-center">
        
    </div>
    <div class="mt-5 text-center mb-5">
        <a href="/">Go Back To Home</a>
    </div>
</div>
</div>
</div>
</div>
<!-- If internet isn't working -->
<script src="{% static 'node_modules/@popperjs/core/dist/umd/popper.js' %}"></script>
<script src="{% static 'node_modules/bootstrap/dist/js/bootstrap.js' %}"></script>
<!-- If internet is working fine -->
<!-- Javascript Start -->
<script
    src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"
    integrity="sha384-
oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
    crossorigin="anonymous"
></script>
<script
    src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.min.js"
    integrity="sha384-
mQ93GR66B00ZXjt0YO5KlohRA5SY2XofN4zfuZxLkojlgXtW8ANNCe9d5Y3eG5eD"

```

```

        crossorigin="anonymous"
    ></script>
    <!-- Javascript End -->
</body>
</html>
index.html
{% extends 'base.html' %}
{% load static %}
{% block title %}HOME{% endblock title %}
{% block stylesheets %}
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Bruno+Ace+SC&family=Righteous&displa
y=swap" rel="stylesheet">
<!-- font-family: 'Bruno Ace SC', cursive; font-family: 'Righteous', cursive; -->
{% endblock stylesheets %}
{% block bodycontent %}
<script>
    myarr = document.getElementsByTagName("a");
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove("active");
    }
    myarr[1].classList.add("active");
</script>
<div class="container-fluid my-2 py-2" style="background-image:
url(../static/images/base/img_1.jpg);background-repeat: no-repeat;background-size: cover;
height: 75vh; color: white;">
    <div class="position-relative" style="top:33%;">
        <div class="fs-3 text-center" style="font-family: 'Bruno Ace SC', cursive;
color:#e9d338;">
            ACCOUNTING CUM MANAGEMENT SYSTEM
        </div>
        <div class="fs-5 text-center">

```



```

    FOR
  </div>
  <div class="fs-4 text-center" style="font-family: 'Bruno Ace SC', cursive; color:#ff5503;">
    AGRICULTURAL PRODUCE MARKET COMMITTEE
  </div>
</div>
<div class="container-fluid my-2 py-2">
  <h2 class="text-center bg-success text-white py-1" style="border-radius: 25px">
    APMC's
  </h2>
  <div class="accordion accordion-flush" id="accordionFlushExample">
    <div class="accordion-item">
      <h2 class="accordion-header" id="flush-headingOne">
        <button class="accordion-button collapsed" type="button" data-bs-toggle="collapse"
          data-bs-target="#flush-collapseOne" aria-expanded="false" aria-controls="flush-
collapseOne">
          What is APMC?
        </button>
      </h2>
      <div
        id="flush-collapseOne" class="accordion-collapse collapse" aria-labelledby="flush-
headingOne" data-bs-parent="#accordionFlushExample">
        <div class="accordion-body">
          APMC means the Agricultural Produce & Livestock Market Committee
          established under the provisions of APLM Act.
        </div>
      </div>
    </div>
    <div class="accordion-item">
      <h2 class="accordion-header" id="flush-headingTwo">
        <button class="accordion-button collapsed" type="button" data-bs-toggle="collapse"
          data-bs-target="#flush-collapseTwo" aria-expanded="false" aria-controls="flush-
collapseTwo">

```

What is APMC Yard?

</button>

</h2>

<div id="flush-collapseTwo" class="accordion-collapse collapse" aria-labelledby="flush-headingTwo" data-bs-parent="#accordionFlushExample">

<div class="accordion-body">

Agricultural Produce Market Committee (APMC) Yard / Regulated Market Committees (RMC) Yard is any place in the market area managed by a Market Committee, for the purpose of regulation of marketing of notified agricultural produce and livestock in physical, electronic or other such mode. - The place shall include any structure, enclosure, open space locality, street including warehouse/silos/pack house/cleaning, grading, packaging and processing unit present in the Market Committee of the defined market area.

</div>

</div>

</div>

<div class="accordion-item">

<h2 class="accordion-header" id="flush-headingThree">

<button class="accordion-button collapsed" type="button" data-bs-toggle="collapse" data-bs-target="#flush-collapseThree" aria-expanded="false" aria-controls="flush-collapseThree">

What is this Accounting System For APMC?

</button>

</h2>

<div id="flush-collapseThree" class="accordion-collapse collapse" aria-labelledby="flush-headingThree" data-bs-parent="#accordionFlushExample" >

<div class="accordion-body">

This is an automated accounting system software that can streamline financial management tasks, improve data accuracy, and provide real-time financial reporting.

</div>

</div>

</div>

```

</div>
</div>
{% endblock bodycontent %}
addproprietor.html
{% extends 'base.html' %}
{% load static %}
{% block title %}Add Proprietor{%endblock title %}
{% block bodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName("a");
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove("active");
    }
    myarr[5].classList.add("active");
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName("a");
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove("active");
    }
    myarr[3].classList.add("active");
</script>
{% endif %}
<div class="container-fluid d-flex justify-content-center">
    <form action="/addproprietor" method="POST" class="">
        {% csrf_token %}
        <h2 class="text-center text-dark mb-3">Add Proprietor</h2>
        <div class="row align-items-center mb-3">
            <input type="text" name="plotnumber" id="plotnumber" placeholder="Enter Plot
Number" class="form-control-lg w-100" />
        </div>
        <div class="row align-items-center mb-3">

```

```

        <input type="text" name="plotowner" id="plotowner" placeholder="Enter Plot
Owner's Name" class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <input type="text" name="licenseholder" id="licenseholder" placeholder="Enter
License Holder's Name" class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <input type="text" name="shopname" id="shopname" placeholder="Enter Shop's
Name"
        class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <input type="email" name="emailid" id="emailid" placeholder="Enter Email ID"
        class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <input type="text" name="phonenummer" id="phonenummer" placeholder="Enter
Phone Number" class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <input type="text" name="aadharnumber" id="aadharnumber" placeholder="Enter
Aadhar Number" class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <input type="date" name="dateofbirth" id="dateofbirth" placeholder="Enter Your
DOB"
        class="form-control-lg w-100" />
    </div>
    <div class="row align-items-center mb-3">
        <div class="col-md-4">
            <label for="licensetype" class="col-form-label-lg">License Type</label>
        </div>
        <div class="col-md-2">

```

```

        <input type="checkbox" name="aadtye" id="aadtye" class="form-check-input" />
        <label for="aadtye" class="form-check-label">Aadtye</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="aclass" id="aclass" class="form-check-input" />
        <label for="aclass" class="form-check-label">A-Class</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="processing" id="processing" class="form-check-
input" />
        <label for="processing" class="form-check-label">Processing</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="hamal" id="hamal" class="form-check-input" />
        <label for="hamal" class="form-check-label">Hamal</label>
    </div>
</div>
<div class="row text-center mb-3">
    <button class="btn btn-success" type="submit">Submit</button>
</div>
</form>
</div>
{% endblock bodycontent %}

```

searchproprietor.html

```

{% extends 'base.html' %}
{% load static %}
{% block title %}Search Proprietor{% endblock title %}
{% block stylesheets %}
{% endblock stylesheets %}
{% block bodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i = 0; i < myarr.length; i++) {

```

```

        myarr[i].classList.remove('active');
    }
    myarr[6].classList.add('active');
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove('active');
    }
    myarr[4].classList.add('active');
</script>
{% endif %}
<div class="container-fluid">
    <div class="m-3">
        <form action="/searchproprietor" method="POST" class="mt-3">
            {% csrf_token %}
            <div class="row">
                <div class="col-10">
                    <input type="text" name="searchproprietorsearchbox" id="searchproprietorsearchbox"
                        class="form-control border-1 border-dark" placeholder="Search By License Holder's
Name">
                </div>
                <div class="col-2">
                    <button class="btn btn-primary w-100">
                        Search
                    </button>
                </div>
            </div>
        </form>
    </div>
    <div class="m-3">
        <td colspan="3"><p class="btn btn-danger fs-5 m-0 p-2 text-center w-100"
onclick="formclear()">Clear Form</p></td>

```

```

</div>
</div>
<div class="container-fluid table-responsive">
  <table class="table table-success table-striped table-hover">
    <thead class="table-secondary">
      <tr>
        <th scope="col">#</th>
        <th scope="col">Attribute</th>
        <th scope="col">Property</th>
      </tr>
    </thead>
    <tbody id="tdclear">
      {% for i in data %}
      <tr>
        <th scope="row">1</th>
        <td>Proprietor's ID</td>
        <td id="sptddata1">{{i.PropID}}</td>
      </tr>
      <tr>
        <th scope="row">2</th>
        <td>Plot Number</td>
        <td id="sptddata2">{{i.PlotNumber}}</td>
      </tr>
      <tr>
        <th scope="row">3</th>
        <td>Plot Owner's Name</td>
        <td id="sptddata3">{{i.PlotOwner}}</td>
      </tr>
      <tr>
        <th scope="row">4</th>
        <td>License Holder's Name</td>
        <td id="sptddata4">{{i.LicenseHolder}}</td>
      </tr>
      <tr>

```

```

<th scope="row">5</th>
<td>Shop's Name</td>
<td id="sptddata5">{{i.ShopName}}</td>
</tr>
<tr>
<th scope="row">6</th>
<td>Email ID</td>
<td id="sptddata6">{{i.EmailID}}</td>
</tr>
<tr>
<th scope="row">7</th>
<td>Phone Number</td>
<td id="sptddata7">{{i.PhoneNumber}}</td>
</tr>
<tr>
<th scope="row">8</th>
<td>Aadhar Number</td>
<td id="sptddata8">{{i.AadharNumber}}</td>
</tr>
<tr>
<th scope="row">9</th>
<td>Date Of Birth</td>
<td id="sptddata9">{{i.DateOfBirth}}</td>
</tr>
<tr>
<th scope="row">10</th>
<td>License Type</td>
<td id="sptddata10">
    {% if i.Aadtye == 1 %}
    Aadtye,
    {% else %}

    {% endif %}
    {% if i.AClass == 1 %}

```



```

A-Class,
{% else %}

{% endif %}
{% if i.Processing == 1 %}
Processing,
{% else %}

{% endif %}
{% if i.Hamal == 1 %}
Hamal
{% else %}

{% endif %}
</td>
</tr>
<tr>
<th scope="row">11</th>
<td>Record Created By</td>
<td id="sptddata11">{{i.RecordedBy}}</td>
</tr>
</tbody>
<tfoot>
<tr>
<td><a href="{% url 'ACC:updprop' i_id=i.id %}" class="btn btn-info text-center w-100
m-0 p-2 fs-5">Update Record</a></td>
<td><a href="{% url 'ACC:delprop' i_id=i.id %}" class="btn btn-warning text-center w-
100 m-0 p-2 fs-5">Delete Record</a></td>
<td><a href="{% url 'ACC:crin' i_id=i.id %}" class="btn btn-success w-100 text-center
m-0 p-2 fs-5">Create Invoice</a></td>
</tr>
</tfoot>
{% endfor %}
</table>

```

```

</div>
<script>
    function formclear(){
        window.location.href = "http://127.0.0.1:8000/";
        window.location.href = "http://127.0.0.1:8000/searchproprietor";
    }
</script>
{% endblock bodycontent %}
updateproprietor.html
{% extends 'base.html' %}
{% load static %}
{% block title %}Update Proprietor{% endblock title %}
{% block bodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[7].classList.add('active');
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[5].classList.add('active');
</script>
{% endif %}
<div class="container-fluid d-flex justify-content-center">
    {% if i %}
    <form action="/updateproprietor/{{ i.id }}" method="POST" class="">
        {% csrf_token %}

```

```

<h2 class="text-center text-dark mb-3">Update Proprietor</h2>
<div class="row align-items-center mb-3">
  <input type="text" name="upproprietorid" id="upproprietorid"
placeholder="ProprietorID" class="form-control-lg w-100" value={{i.PropID}} disabled>
</div>
<div class="row align-items-center mb-3">
  <input type="text" name="upplotnumber" id="upplotnumber" placeholder="Enter
Plot Number" class="form-control-lg w-100" value={{i.PlotNumber}}>
</div>
<div class="row align-items-center mb-3">
  <input type="text" name="upplotowner" id="upplotowner" placeholder="Enter Plot
Owner's Name" class="form-control-lg w-100" value={{i.PlotOwner}}>
</div>
<div class="row align-items-center mb-3">
  <input type="text" name="uplicenseholder" id="uplicenseholder" placeholder="Enter
License Holder's Name" class="form-control-lg w-100" value={{i.LicenseHolder}}>
</div>
<div class="row align-items-center mb-3">
  <input type="text" name="upshopname" id="upshopname" placeholder="Enter
Shop's Name" class="form-control-lg w-100" value={{i.ShopName}}>
</div>
<div class="row align-items-center mb-3">
  <input type="email" name="upemailid" id="upemailid" placeholder="Enter Shop's
Name" class="form-control-lg w-100" value={{i.EmailID}}>
</div>
<div class="row align-items-center mb-3">
  <input type="text" name="upphonenum" id="upphonenum" placeholder="Enter Shop's Name" class="form-control-lg w-100"
value={{i.PhoneNumber}}>
</div>
<div class="row align-items-center mb-3">
  <input type="text" name="upaadhar" id="upaadhar" placeholder="Enter Aadhar Number" class="form-control-lg w-100"
value={{i.AadharNumber}}>

```

```

</div>
<div class="row align-items-center mb-3">
    <input type="date" name="dateofbirth" id="dateofbirth" placeholder="Enter Date Of
Birth" class="form-control-lg w-100" value={{i.DateOfBirth}}>
</div>
<div class="row align-items-center mb-3">
    <div class="col-md-4">
        <label for="uplicensetype" class="col-form-label-lg">License Type</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="upaadtye" id="upaadtye" class="form-check-
input" {% if i.Aadtye == 1 %} checked {% endif %}>
        <label for="upaadtye" class="form-check-label">Aadtye</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="upaclass" id="upaclass" class="form-check-input"
{% if i.AClass == 1 %} checked {% endif %}>
        <label for="upaclass" class="form-check-label">A-Class</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="upprocessing" id="upprocessing" class="form-
check-input" {% if i.Processing == 1 %} checked {% endif %}>
        <label for="upprocessing" class="form-check-label">Processing</label>
    </div>
    <div class="col-md-2">
        <input type="checkbox" name="uphamal" id="uphamal" class="form-check-input"
{% if i.Hamal == 1 %} checked {% endif %}>
        <label for="uphamal" class="form-check-label">Hamal</label>
    </div>
</div>
<div class="row text-center mb-3">
    <button class="btn btn-success" type="submit">
        Update
    </button>

```

```

        </div>
    </form>
    {% endif %}
</div>
{% endblock bodycontent %}
deleteproprietor.html
{% extends 'base.html' %}
{% load static %}
{% block title %}Delete Proprietor{% endblock title %}
{% block stylesheets %}
{% endblock stylesheets %}
{% block bodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[8].classList.add('active');
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[6].classList.add('active');
</script>
{% endif %}
{% if i %}
<div class="container-fluid">
    <div class="m-3">
        <p class="text-center fs-3">{{i.LicenseHolder}}</p>
    </div>

```

```

</div>
<div class="container-fluid table-responsive">
  <table class="table table-success table-striped table-hover">
    <thead class="table-secondary">
      <tr>
        <th scope="col">#</th>
        <th scope="col">Attribute</th>
        <th scope="col">Property</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <th scope="row">1</th>
        <td>Proprietor's ID</td>
        <td>{{i.PropID}}</td>
      </tr>
      <tr>
        <th scope="row">2</th>
        <td>Plot Number</td>
        <td>{{i.PlotNumber}}</td>
      </tr>
      <tr>
        <th scope="row">3</th>
        <td>Plot Owner's Name</td>
        <td>{{i.PlotOwner}}</td>
      </tr>
      <tr>
        <th scope="row">4</th>
        <td>License Holder's Name</td>
        <td>{{i.LicenseHolder}}</td>
      </tr>
      <tr>
        <th scope="row">5</th>
        <td>Shop's Name</td>

```

```

        <td>{{i.ShopName}}</td>
    </tr>
    <tr>
        <th scope="row">6</th>
        <td>Email ID</td>
        <td>{{i.EmailID}}</td>
    </tr>
    <tr>
        <th scope="row">7</th>
        <td>Phone Number</td>
        <td>{{i.PhoneNumber}}</td>
    </tr>
    <tr>
        <th scope="row">8</th>
        <td>Aadhar Number</td>
        <td>{{i.AadharNumber}}</td>
    </tr>
    <tr>
        <th scope="row">9</th>
        <td>Date Of Birth</td>
        <td>{{i.DateOfBirth}}</td>
    </tr>
    <tr>
        <th scope="row">10</th>
        <td>License Type</td>
        <td>
            {% if i.Aadtye == 1 %}
            Aadtye,
            {% else %}

            {% endif %}
            {% if i.AClass == 1 %}
            A-Class,
            {% else %}

```

```

        {% endif %}
        {% if i.Processing == 1 %}
        Processing,
        {% else %}
        {% endif %}
        {% if i.Hamal == 1 %}
        Hamal
        {% else %}

        {% endif %}
    </td>
</tr>
<tr>
    <th scope="row">11</th>
    <td>Record Created By</td>
    <td>{{i.RecordedBy}}</td>
</tr>
</tbody>
<tfoot>
<tr>
    <td colspan="2" class="text-center table-warning">
        Are you sure want to delete this record? If Yes, Click 'Delete'
    </td>
    <td colspan="1">
        <form action="/deleteproprietor/{{i.id}}" method="POST">
            {% csrf_token %}
            <button type="submit" class="btn btn-warning w-100 text-center">
                Delete
            </button>
        </form>
    </td>
</tr>
</tfoot>

```



```

</table>
{% endif %}
</div>
{% endblock bodycontent %}
createinvoice.html
{% extends 'base.html' %}
{% load static %}
{% block title %}Create Invoice{% endblock title %}
{% block bodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[9].classList.add('active');
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[7].classList.add('active');
</script>
{% endif %}
<script>
    function visibleqrcode() {
        var x = document.getElementById("qrcode");
        if (x.style.display === "none") {
            x.style.display = "block";
        } else {
            x.style.display = "none";
        }
    }

```

```

    }
    function findTotal(){
        var arr = document.getElementsByClassName('amount');
        var tot=0;
        for(var i=0;i<arr.length;i++){
            if(parseInt(arr[i].value))
                tot += parseInt(arr[i].value);
        }
        document.getElementById('citotalfees').value = `${tot}`;
    }
</script>
<div class="container-fluid">
    <h2 class="text-center text-dark my-3">APMC</h2>
    {% if i %}
    <div class="d-flex flex-wrap justify-content-around mb-3">
        <div class="col-4">
            License Holder's Name
        </div>
        <div class="col-8">
            {{i.LicenseHolder}}
        </div>
    </div>
    <div class="d-flex flex-wrap justify-content-around mb-3">
        <div class="col-4">
            Shop's Name
        </div>
        <div class="col-8">
            {{i.ShopName}}
        </div>
    </div>
    <div class="d-flex flex-wrap justify-content-around mb-3">
        <div class="col-4">
            Date
        </div>

```

```

        <div class="col-8">
            {{today}}
        </div>
    </div>
    {% endif %}
    <div class="text-center">
        <p>Acquired For Year <span>{{pyear}}-{{cyear}}</span> From Him/Her As Per
Following Details:</p>
    </div>
    <div class="container-fluid">
        <form action="/createinvoice/{{i.id}}" method="POST">
            {% csrf_token %}
            <div class="row mt-2 mb-2">
                <div class="col-md-3">
                    License Fees Aadtye
                </div>
                <div class="col-md-3">
                    <input type="text" class="amount" oninput="findTotal()"
name="cilicensefeesaadtye" id="cilicensefeesaadtye">
                </div>
                <div class="col-md-3">
                    License Fees A-Class
                </div>
                <div class="col-md-3">
                    <input type="text" class="amount" oninput="findTotal()"
name="cilicensefeesaaclass" id="cilicensefeesaaclass">
                </div>
            </div>
            <div class="row mb-2">
                <div class="col-md-3">
                    License Fees Processing
                </div>
                <div class="col-md-3">

```

```

        <input type="text" class="amount" oninput="findTotal()"
name="cilicensefeesprocessing" id="cilicensefeesprocessing">
    </div>
    <div class="col-md-3">
        License Fees Hamal
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cilicensefeeshamal" id="cilicensefeeshamal">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        License Renewal Fees Aadtye
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cilicenserenewalfeesaadtye" id="cilicenserenewalfeesaadtye">
    </div>
    <div class="col-md-3">
        License Renewal Fees A-Class
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cilicenserenewalfeesaaclass" id="cilicenserenewalfeesaaclass">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        License Renewal Fees Processing
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cilicenserenewalfeesprocessing" id="cilicenserenewalfeesprocessing">

```

```

</div>
<div class="col-md-3">
    License Renewal Fees Hamal
</div>
<div class="col-md-3">
    <input type="text" class="amount" oninput="findTotal()"
name="cilicenserenewalfeeshamal" id="cilicenserenewalfeeshamal">
</div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        Plot Rent
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()" name="ciplotrent"
id="ciplotrent">
    </div>
    <div class="col-md-3">
        Market Fees Main
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cimarketfeesmain" id="cimarketfeesmain">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        Market Fees Secondary
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cimarketfeessecondary" id="cimarketfeessecondary">
    </div>
    <div class="col-md-3">

```

```

        Supervision Fees
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="cissupervisionfees" id="cissupervisionfees">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        Form Fees
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()" name="ciformfees"
id="ciformfees">
    </div>
    <div class="col-md-3">
        Tavan / Penalty
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()"
name="citavanpenalty" id="citavanpenalty">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        Late Fees
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()" name="cilatefees"
id="cilatefees">
    </div>
    <div class="col-md-3">
        License Form Fees
    </div>

```

```

        <div class="col-md-3">
            <input type="text" class="amount" oninput="findTotal()"
name="cilicenseformfees" id="cilicenseformfees">
        </div>
    </div>
    <div class="row mb-2">
        <div class="col-md-3">
            Shopping Complex Rent
        </div>
        <div class="col-md-3">
            <input type="text" class="amount" oninput="findTotal()"
name="cishoppingcomplexrent" id="cishoppingcomplexrent">
        </div>
        <div class="col-md-3">
            Hishob Patti Book
        </div>
        <div class="col-md-3">
            <input type="text" class="amount" oninput="findTotal()"
name="cihishobpattibook" id="cihishobpattibook">
        </div>
    </div>
    <div class="row mb-2">
        <div class="col-md-3">
            Bill Book
        </div>
        <div class="col-md-3">
            <input type="text" class="amount" oninput="findTotal()" name="cibillbook"
id="cibillbook">
        </div>
        <div class="col-md-3">
            Pohonch Pavati
        </div>
        <div class="col-md-3">

```

```

        <input type="text" class="amount" oninput="findTotal()"
name="cipohonchpavati" id="cipohonchpavati">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-3">
        Other Fees
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()" name="ciotherfees"
id="ciotherfees">
    </div>
    <div class="col-md-3">
        NA Tax
    </div>
    <div class="col-md-3">
        <input type="text" class="amount" oninput="findTotal()" name="cinatax"
id="cinatax">
    </div>
</div>
<div class="row mb-2">
    <div class="col-md-4">
        <div class="text-center">
            <input type="checkbox" name="cicash" id="cicash" class="mx-1">
            <label for="cicash">Cash</label>
            <input type="checkbox" name="cicheque" id="cicheque" class="mx-1">
            <label for="cicheque">Cheque</label>
            <input type="checkbox" name="ciupi" id="ciupi" class="mx-1">
            <label for="ciupi">UPI</label>
        </div>
        <input type="text" name="cichequenummer" id="cichequenummer"
placeholder="Enter Your Check Number Here" class="my-1 w-100 text-center">
    </div>
    <div class="col-md-4">

```



```

        <div class="text-center">Total Fees (in ₹)</div>
        <input type="text" name="citotalfees" id="citotalfees" class="w-100 my-1">
    </div>
    <div class="col-md-4">
        <p onclick="visibleqrcode()" class="btn btn-light w-100 border-dark border-1
mt-3"> <span class="mx-2"></span>Scan QR To Pay</p>
    </div>
    <div class="text-center" id="qrcode" style="display: none;">
        
    </div>
</div>
<div class="row mb-2">
    <button type="submit" class="btn btn-success py-2 w-100 text-center fs-
4">Save Receipt</button>
</div>
</form>
</div>
</div>
{% endblock bodycontent %}

```

error.html

```

{% extends 'base.html' %}
{% load static %}

{% block title %}Further Information{% endblock title %}

{% block bodycontent %}
<div class="container d-flex justify-content-between">
    <a href="/" class="btn btn-primary text-center fs-4 m-2 p-2"> <span class="bi bi-arrow-
return-left">Back To Home</span></a>
    <a href="/searchproprietor" class="btn btn-primary text-center fs-4 m-2 p-2"> <span
class="bi bi-arrow-return-left">Back To Search</span></a>
    {% if user.is_staff %}

```

```

    <a href="/reports" class="btn btn-primary text-center fs-4 m-2 p-2"> <span class="bi bi-
arrow-return-left">Back To Reports</span></a>
    {% endif %}
</div>
{% endblock bodycontent %}
reports.html
{% extends 'base.html' %}
{% load static %}
{% block title %}Reports | {% block reporttitle %}{% endblock reporttitle %} {% endblock
title %}
{% block styleincludes %}
{% endblock styleincludes %}
{% block bodycontent %}
<script>
    document.getElementById('nav-pills').style.display = "none";
</script>
<script>
    myarr = document.getElementsByTagName("a");
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove("active");
    }
    myarr[2].classList.add("active");
</script>
<div class="bg-dark">
    <ul class="nav nav-pills nav-fill">
        <li class="nav-item">
            <a class="nav-link text-white text-decoration-none" href="{% url 'ACC:precords'
%}">Proprietors</a>
        </li>
        <li class="nav-item">
            <a class="nav-link text-white text-decoration-none" href="{% url 'ACC:rirecords'
%}">Invoice Records</a>
        </li>
        <li class="nav-item">

```

```

        <a class="nav-link text-white text-decoration-none" href="{% url 'ACC:refinance'
{%}">Financial Aspects</a>
    </li>
    <li class="nav-item">
        <a class="nav-link text-white text-decoration-none" href="{% url 'ACC:retally'
{%}">Tally</a>
    </li>
</ul>
</div>

{% block reportbodycontent %} {% endblock reportbodycontent %}
{% endblock bodycontent %}

```

proprietors.html

```

{% extends 'html/reports.html' %}
{% load static %}
{% block reporttitle %}Proprietors{% endblock reporttitle %}
{% block reportbodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[10].classList.add('active');
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i=0;i<myarr.length;i++){
        myarr[i].classList.remove('active');
    }
    myarr[10].classList.add('active');
</script>
{% endif %}
<script>

```

```

myarr[2].classList.add("active");
</script>
{% if prprecords %}
<div class="table-responsive mt-2" style="font-family: 'Gotu',sans-serif;">
  <table class="table table-hover table-striped table-bordered" id="ProprietorRecords">
    <thead class="table-dark border-warning">
      <tr class="align-middle text-center fw-bold">
        <th class="col">Proprietor ID</th>
        <th class="col">Plot Number</th>
        <th class="col">Plot Owner</th>
        <th class="col">License Holder</th>
        <th class="col">Shop Name</th>
        <th class="col">Email ID</th>
        <th class="col">Phone Number</th>
        <th class="col">Aadhar Number</th>
        <th class="col">Date Of Birth</th>
        <th class="col">Aadtye</th>
        <th class="col">AClass</th>
        <th class="col">Processing</th>
        <th class="col">Hamal</th>
        <th class="col">Recorded By</th>
      </tr>
    </thead>
    <tbody class="table-light border-warning" id="proprietorrecord">
      {% for prrecord in prprecords %}
      <tr class="align-middle">
        <td>{{prrecord.PropID}}</td>
        <td>{{prrecord.PlotNumber}}</td>
        <td>{{prrecord.PlotOwner}}</td>
        <td>{{prrecord.LicenseHolder}}</td>
        <td>{{prrecord.ShopName}}</td>
        <td>{{prrecord.EmailID}}</td>
        <td>{{prrecord.PhoneNumber}}</td>
        <td>{{prrecord.AadharNumber}}</td>

```

```

<td>{{prrecord.DateOfBirth}}</td>
<td>
    {% if prrecord.Aadtye == 1 %}
    Aadtye
    {% else %}

    {% endif %}
</td>
<td>
    {% if prrecord.AClass == 1 %}
    AClass
    {% else %}

    {% endif %}
</td>
<td>
    {% if prrecord.Processing == 1 %}
    Processing
    {% else %}

    {% endif %}
</td>
<td>
    {% if prrecord.Hamal == 1 %}
    Hamal
    {% else %}

    {% endif %}
</td>
<td>{{prrecord.RecordedBy}}</td>
</tr>
{% endfor %}
</tbody>
<tfoot>

```

```

        </tfoot>
    </table>
</div>
{% endif %}
{% endblock reportbodycontent %}
invoicerecords.html
{% extends 'html/reports.html' %}
{% load static %}
{% block reporttitle %}Invoice Records{% endblock reporttitle %}
{% block reportbodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove('active');
    }
    myarr[11].classList.add('active');
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName('a');
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove('active');
    }
    myarr[10].classList.add('active');
</script>
{% endif %}
<script>
    myarr[2].classList.add("active");
</script>
{% if invoicelist %}
<div class="table-responsive mt-2" style="font-family: 'Gotu',sans-serif;">
    <table class="table table-hover table-bordered" id="InvoiceRecords">
        <thead class="table-dark border-warning">

```

```

<tr class="align-middle text-center fw-bold">
  <th class="col">Transaction Number</th>
  <th class="col">Proprietor ID</th>
  <th class="col">License Holder's Name</th>
  <th class="col">Date</th>
  <th class="col">Year</th>
  <th class="col">License Fees Aadtye</th>
  <th class="col">License Fees AClass</th>
  <th class="col">License Fees Processing</th>
  <th class="col">License Fees Hamal</th>
  <th class="col">License Renewal Fees Aadtye</th>
  <th class="col">License Renewal Fees AClass</th>
  <th class="col">License Renewal Fees Processing</th>
  <th class="col">License Renewal Fees Hamal</th>
  <th class="col">Plot Rent</th>
  <th class="col">Market Fees (Main)</th>
  <th class="col">Market Fees (Secondary)</th>
  <th class="col">Supervision Fees</th>
  <th class="col">Form Fees</th>
  <th class="col">Tavan / Penalty</th>
  <th class="col">Late Fees</th>
  <th class="col">License Form Fees</th>
  <th class="col">Shopping Complex Rent</th>
  <th class="col">Hishob Patti Book</th>
  <th class="col">Bill Book</th>
  <th class="col">Pohonch Pavati</th>
  <th class="col">Other Fees</th>
  <th class="col">NA Tax</th>
  <th class="col">Total Fees</th>
  <th class="col">Cash</th>
  <th class="col">Cheque</th>
  <th class="col">Cheque Number</th>
  <th class="col">UPI</th>
  <th class="col">Recorded By</th>

```

```

</tr>
</thead>
<tbody class="table-light border-warning" id="invoicedata">
  {% for irecord in invoicelist %}
  <tr class="align-middle">
    <td>{{irecord.IRTransactionNumber}}</td>
    <td>{{irecord.IRProprietorID}}</td>
    <td>{{irecord.IRLicenseHolderName}}</td>
    <td>{{irecord.IRDate}}</td>
    <td>{{irecord.IRYear}}</td>
    <td>{{irecord.IRLicenseFeesAadtye}}</td>
    <td>{{irecord.IRLicenseFeesAClass}}</td>
    <td>{{irecord.IRLicenseFeesProcessing}}</td>
    <td>{{irecord.IRLicenseFeesHamal}}</td>
    <td>{{irecord.IRLicenseRenewalFeesAadtye}}</td>
    <td>{{irecord.IRLicenseRenewalFeesAClass}}</td>
    <td>{{irecord.IRLicenseRenewalFeesProcessing}}</td>
    <td>{{irecord.IRLicenseRenewalFeesHamal}}</td>
    <td>{{irecord.IRPlotRent}}</td>
    <td>{{irecord.IRMarketFeesMain}}</td>
    <td>{{irecord.IRMarketFeesSecondary}}</td>
    <td>{{irecord.IRSupervisionFees}}</td>
    <td>{{irecord.IRFormFees}}</td>
    <td>{{irecord.IRTavanPenalty}}</td>
    <td>{{irecord.IRLateFees}}</td>
    <td>{{irecord.IRLicenseFormFees}}</td>
    <td>{{irecord.IRShoppingComplexRent}}</td>
    <td>{{irecord.IRHishobPattiBook}}</td>
    <td>{{irecord.IRBillBook}}</td>
    <td>{{irecord.IRPohonchPavati}}</td>
    <td>{{irecord.IROtherFees}}</td>
    <td>{{irecord.IRNA Tax}}</td>
    <td>{{irecord.IRTotalFees}}</td>
    <td>

```



```

        {% if irecord.IRCash == 1 %}Cash{% else %}{% endif %}
    </td>
    <td>
        {% if irecord.IRCheque == 1 %}Cheque{% else %}{% endif %}
    </td>
    <td>{{irecord.IRChequeNumber}}</td>
    <td>
        {% if irecord.IRUPI == 1 %}UPI{% else %}{% endif %}
    </td>
    <td>{{irecord.IRRecordedBy}}</td>
</tr>
{% endfor %}
</tbody>
<tfoot>
<tr>
    <td colspan="5">Total Sum</td>
    <td id="tcount5"></td>
    <td id="tcount6"></td>
    <td id="tcount7"></td>
    <td id="tcount8"></td>
    <td id="tcount9"></td>
    <td id="tcount10"></td>
    <td id="tcount11"></td>
    <td id="tcount12"></td>
    <td id="tcount13"></td>
    <td id="tcount14"></td>
    <td id="tcount15"></td>
    <td id="tcount16"></td>
    <td id="tcount17"></td>
    <td id="tcount18"></td>
    <td id="tcount19"></td>
    <td id="tcount20"></td>
    <td id="tcount21"></td>
    <td id="tcount22"></td>

```

```

        <td id="tcount23"></td>
        <td id="tcount24"></td>
        <td id="tcount25"></td>
        <td id="tcount26"></td>
        <td id="tcount27"></td>
        <td id="tcount28">Cash Total</td>
        <td id="tcount29">Cheque Total</td>
        <td>-</td>
        <td id="tcount31">UPI Total</td>
        <td>-</td>
    </tr>
</tfoot>
</table>
</div>
{% endif %}
<script src="{% static 'js/finance.js' %}" type="text/javascript"></script>
<script src="{% static 'js/reportinvoice.js' %}" type="text/javascript"></script>
{% endblock reportbodycontent %}
finance.html
{% extends 'html/reports.html' %}
{% load static %}
{% block reporttitle %}Financial Aspects{% endblock reporttitle %}
{% block reportbodycontent %}
{% if user.is_staff %}
<script>
    myarr = document.getElementsByTagName("a");
    for (let i = 0; i < myarr.length; i++) {
        myarr[i].classList.remove("active");
    }
    myarr[12].classList.add("active");
</script>
{% else %}
<script>
    myarr = document.getElementsByTagName("a");

```

```

for (let i = 0; i < myarr.length; i++) {
    myarr[i].classList.remove("active");
}
myarr[11].classList.add("active");
</script>
{% endif %}
<script>
    myarr[2].classList.add("active");
</script>
<div class="container">
    <form action="/reports/finance" method="post" class="mt-3">
        {% csrf_token %}
        <h3 class="text-center">Get Report By Following Criteria</h3>
        <div class="row mb-3">
            <div class="col-md-6 col-12">
                Start Date:
                <input type="date" name="startdate" id="startdate" class="form-control"/>
            </div>
            <div class="col-md-6 col-12">
                End Date:
                <input type="date" name="enddate" id="enddate" class="form-control"/>
            </div>
        </div>
        <div class="row mb-3">
            <div class="col-md-6 col-12">
                License Holder:
                <input type="text" name="filicenseholder" id="filicenseholder" class="form-control"/>
            </div>
            <div class="col-md-6 col-12">
                Recorded By:
                <input type="text" name="firecordedby" id="firecordedby" class="form-control"/>
            </div>
        </div>
    </div>
    <div class="row mb-3">

```

```

<div class="col-12">
  Aadhar Number
  <input type="text" name="fiaadhar" id="fiaadhar" class="form-control">
</div>
</div>
<div class="row">
  <div class="col-md-10 col-12">
    <select name="selectoption" id="selectoption" class="form-select" multiple aria-
multiselectable="true">
      <option value="choose">Choose From The Options Below</option>
      <option value="Date">Date</option>
      <option value="License Holder">License Holder</option>
      <option value="Recorded By">Recorded By</option>
      <option value="Aadhar Number">Aadhar Number</option>
    </select>
  </div>
  <div class="col-md-2 col-12">
    <button type="submit" class="btn btn-success w-100">Search</button>
  </div>
</div>
</form>
</div>
{% if financetable %}
<div class="table-responsive mt-2" style="font-family: 'Gotu', sans-serif">
  <table class="table table-hover table-bordered" id="InvoiceRecords">
    <thead class="table-dark border-warning">
      <tr class="align-middle text-center fw-bold">
        <th class="col">Transaction Number</th>
        <th class="col">Proprietor ID</th>
        <th class="col">License Holder's Name</th>
        <th class="col">Date</th>
        <th class="col">Year</th>
        <th class="col">License Fees Aadtye</th>
        <th class="col">License Fees AClass</th>

```

```

<th class="col">License Fees Processing</th>
<th class="col">License Fees Hamal</th>
<th class="col">License Renewal Fees Aadtye</th>
<th class="col">License Renewal Fees AClass</th>
<th class="col">License Renewal Fees Processing</th>
<th class="col">License Renewal Fees Hamal</th>
<th class="col">Plot Rent</th>
<th class="col">Market Fees (Main)</th>
<th class="col">Market Fees (Secondary)</th>
<th class="col">Supervision Fees</th>
<th class="col">Form Fees</th>
<th class="col">Tavan / Penalty</th>
<th class="col">Late Fees</th>
<th class="col">License Form Fees</th>
<th class="col">Shopping Complex Rent</th>
<th class="col">Hishob Patti Book</th>
<th class="col">Bill Book</th>
<th class="col">Pohonch Pavati</th>
<th class="col">Other Fees</th>
<th class="col">NA Tax</th>
<th class="col">Total Fees</th>
<th class="col">Cash</th>
<th class="col">Cheque</th>
<th class="col">Cheque Number</th>
<th class="col">UPI</th>
<th class="col">Recorded By</th>
</tr>
</thead>
<tbody class="table-light border-warning" id="financedata">
  {% for firecord in financetable %}
  <tr class="align-middle">
    <td>{{ firecord.IRTransactionNumber }}</td>
    <td>{{ firecord.IRProprietorID }}</td>
    <td class="lname">{{ firecord.IRLicenseHolderName }}</td>
  </tr>
  </tbody>
</table>

```

```

<td class="ldate">{{firecord.IRDate}}</td>
<td>{{firecord.IRYear}}</td>
<td>{{firecord.IRLicenseFeesAadtye}}</td>
<td>{{firecord.IRLicenseFeesAClass}}</td>
<td>{{firecord.IRLicenseFeesProcessing}}</td>
<td>{{firecord.IRLicenseFeesHamal}}</td>
<td>{{firecord.IRLicenseRenewalFeesAadtye}}</td>
<td>{{firecord.IRLicenseRenewalFeesAClass}}</td>
<td>{{firecord.IRLicenseRenewalFeesProcessing}}</td>
<td>{{firecord.IRLicenseRenewalFeesHamal}}</td>
<td>{{firecord.IRPlotRent}}</td>
<td>{{firecord.IRMarketFeesMain}}</td>
<td>{{firecord.IRMarketFeesSecondary}}</td>
<td>{{firecord.IRSupervisionFees}}</td>
<td>{{firecord.IRFormFees}}</td>
<td>{{firecord.IRTavanPenalty}}</td>
<td>{{firecord.IRLateFees}}</td>
<td>{{firecord.IRLicenseFormFees}}</td>
<td>{{firecord.IRShoppingComplexRent}}</td>
<td>{{firecord.IRHishobPattiBook}}</td>
<td>{{firecord.IRBillBook}}</td>
<td>{{firecord.IRPohonchPavati}}</td>
<td>{{firecord.IROtherFees}}</td>
<td>{{firecord.IRNA Tax}}</td>
<td>{{firecord.IRTotalFees}}</td>
<td>{% if firecord.IRCash == 1 %}Cash{% else %}{% endif %}</td>
<td>{% if firecord.IRCheque == 1 %}Cheque{% else %}{% endif %}</td>
<td>{{firecord.IRChequeNumber}}</td>
<td>{% if firecord.IRUPI == 1 %}UPI{% else %}{% endif %}</td>
<td>{{firecord.IRRecordedBy}}</td>
    {% endfor %}
</tr>
</tbody>
<tfoot>

```

```

<tr>
  <td colspan="5">Total Sum</td>
    <td id="tcount5"></td>
    <td id="tcount6"></td>
    <td id="tcount7"></td>
    <td id="tcount8"></td>
    <td id="tcount9"></td>
    <td id="tcount10"></td>
    <td id="tcount11"></td>
    <td id="tcount12"></td>
    <td id="tcount13"></td>
    <td id="tcount14"></td>
    <td id="tcount15"></td>
    <td id="tcount16"></td>
    <td id="tcount17"></td>
    <td id="tcount18"></td>
    <td id="tcount19"></td>
    <td id="tcount20"></td>
    <td id="tcount21"></td>
    <td id="tcount22"></td>
    <td id="tcount23"></td>
    <td id="tcount24"></td>
    <td id="tcount25"></td>
    <td id="tcount26"></td>
    <td id="tcount27"></td>
    <td id="tcount28">Cash Total</td>
    <td id="tcount29">Cheque Total</td>
    <td>-</td>
    <td id="tcount31">UPI Total</td>
    <td>-</td>
  </tr>
</tfoot>
</table>
</div>

```

```

{% endif %}
<div class="container-fluid fs-1 m-1 p-1 text-center">
  <p id="statements">The amount collected from <span id="lhname" class="fw-
semibold"></span> from <span id="lhsdate" class="fw-semibold"></span> to <span
id="lhdate" class="fw-semibold"></span> is ₹<span id="lhamount" class="fw-
semibold"></span></p>
</div>
<script src="{% static 'js/finance.js' %}" type="text/javascript"></script>
<script src="{% static 'js/reportfinance.js' %}" type="text/javascript"></script>
<script src="{% static 'js/financereport.js' %}" type="text/javascript"></script>
{% endblock reportbodycontent %}

```

tally.html

```

{% extends 'html/reports.html' %}
{% load static %}
{% block reporttitle %}Tally Report{% endblock reporttitle %}
{% block reportbodycontent %}
{% if user.is_staff %}
<script>
  myarr = document.getElementsByTagName("a");
  for (let i = 0; i < myarr.length; i++) {
    myarr[i].classList.remove("active");
  }
  myarr[13].classList.add("active");
</script>
{% else %}
<script>
  myarr = document.getElementsByTagName("a");
  for (let i = 0; i < myarr.length; i++) {
    myarr[i].classList.remove("active");
  }
  myarr[13].classList.add("active");
</script>
{% endif %}
<script>

```



```

myarr[2].classList.add("active");
</script>
<div class="container-fluid">
  <div class="d-flex justify-content-around">
    <div>
      01 April, 2023
    </div>
    <div>
      To
    </div>
    <div>
      31 March, 2024
    </div>
  </div>
</div>
{% for i in resdf %}
<div>
  <details class="mb-1">
    <summary class="row bg-danger text-white py-1 mx-1">
      <span class="col-9">{{i.IRLicenseHolderName}}</span>
      <span class="col-3">{{i.IRTotalFees}} <span class="bi bi-caret-down-fill"></span>
    </span>
    </summary>
    {% if i.IRLicenseFeesAadtye != 0 %}
    <div class="row mx-1">
      <span class="col-9">License Fees Aadtye</span>
      <span class="col-3">{{i.IRLicenseFeesAadtye}}</span>
    </div>
    {% else %}
    <div class="row mx-1 d-none">
      <span class="col-9">License Fees Aadtye</span>
      <span class="col-3">{{i.IRLicenseFeesAadtye}}</span>
    </div>
    {% endif %}
  </div>
{% endfor %}

```

```

{% if i.IRLicenseFeesAClass != 0 %}
<div class="row mx-1 ">
  <span class="col-9">License Fees A-Class</span>
  <span class="col-3">{{i.IRLicenseFeesAClass}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">License Fees A-Class</span>
  <span class="col-3">{{i.IRLicenseFeesAClass}}</span>
</div>
{% endif %}
{% if i.IRLicenseFeesProcessing != 0 %}
<div class="row mx-1 ">
  <span class="col-9">License Fees Processing</span>
  <span class="col-3">{{i.IRLicenseFeesProcessing}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">License Fees Processing</span>
  <span class="col-3">{{i.IRLicenseFeesProcessing}}</span>
</div>
{% endif %}
{% if i.IRLicenseFeesHamal != 0 %}
<div class="row mx-1 ">
  <span class="col-9">License Fees Hamal</span>
  <span class="col-3">{{i.IRLicenseFeesHamal}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">License Fees Hamal</span>
  <span class="col-3">{{i.IRLicenseFeesHamal}}</span>
</div>
{% endif %}
{% if i.IRLicenseRenewalFeesAadtye != 0 %}

```

```

<div class="row mx-1 ">
    <span class="col-9">License Renewal Fees Aadtye</span>
    <span class="col-3">{{i.IRLicenseRenewalFeesAadtye}}</span>
</div>

{% else %}

<div class="row mx-1 d-none">
    <span class="col-9">License Renewal Fees Aadtye</span>
    <span class="col-3">{{i.IRLicenseRenewalFeesAadtye}}</span>
</div>

{% endif %}

{% if i.IRLicenseRenewalFeesAClass != 0 %}

<div class="row mx-1 ">
    <span class="col-9">License Renewal Fees AClass</span>
    <span class="col-3">{{i.IRLicenseRenewalFeesAClass}}</span>
</div>

{% else %}

<div class="row mx-1 d-none">
    <span class="col-9">License Renewal Fees AClass</span>
    <span class="col-3">{{i.IRLicenseRenewalFeesAClass}}</span>
</div>

{% endif %}

{% if i.IRLicenseRenewalFeesProcessing != 0 %}

<div class="row mx-1 ">
    <span class="col-9">License Renewal Fees Processing</span>
    <span class="col-3">{{i.IRLicenseRenewalFeesProcessing}}</span>
</div>

{% else %}

<div class="row mx-1 d-none">
    <span class="col-9">License Renewal Fees Processing</span>
    <span class="col-3">{{i.IRLicenseRenewalFeesProcessing}}</span>
</div>

{% endif %}

{% if i.IRLicenseRenewalFeesHamal != 0 %}

<div class="row mx-1 ">

```

```

<span class="col-9">License Renewal Fees Hamal</span>
<span class="col-3">{{i.IRLicenseRenewalFeesHamal}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">License Renewal Fees Hamal</span>
  <span class="col-3">{{i.IRLicenseRenewalFeesHamal}}</span>
</div>
{% endif %}
{% if i.IRPlotRent != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Plot Rent</span>
  <span class="col-3">{{i.IRPlotRent}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">Plot Rent</span>
  <span class="col-3">{{i.IRPlotRent}}</span>
</div>
{% endif %}
{% if i.IRMarketFeesMain != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Market Fees (Main)</span>
  <span class="col-3">{{i.IRMarketFeesMain}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">Market Fees (Main)</span>
  <span class="col-3">{{i.IRMarketFeesMain}}</span>
</div>
{% endif %}
{% if i.IRMarketFeesSecondary != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Market Fees (Secondary)</span>

```

```

    <span class="col-3">{{i.IRMarketFeesSecondary}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
    <span class="col-9">Market Fees (Secondary)</span>
    <span class="col-3">{{i.IRMarketFeesSecondary}}</span>
</div>
{% endif %}
{% if i.IRSupervisionFees != 0 %}
<div class="row mx-1 ">
    <span class="col-9">Supervision Fees</span>
    <span class="col-3">{{i.IRSupervisionFees}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
    <span class="col-9">Supervision Fees</span>
    <span class="col-3">{{i.IRSupervisionFees}}</span>
</div>
{% endif %}
{% if i.IRFormFees != 0 %}
<div class="row mx-1 ">
    <span class="col-9">Form Fees</span>
    <span class="col-3">{{i.IRFormFees}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
    <span class="col-9">Form Fees</span>
    <span class="col-3">{{i.IRFormFees}}</span>
</div>
{% endif %}
{% if i.IRTavanPenalty != 0 %}
<div class="row mx-1 ">
    <span class="col-9">Tavan / Penalty</span>
    <span class="col-3">{{i.IRTavanPenalty}}</span>

```

```

</div>
{% else %}
<div class="row mx-1 d-none">
    <span class="col-9">Tavan / Penalty</span>
    <span class="col-3">{{i.IRTavanPenalty}}</span>
</div>
{% endif %}
{% if i.IRLateFees != 0 %}
<div class="row mx-1 ">
    <span class="col-9">Late Fees</span>
    <span class="col-3">{{i.IRLateFees}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
    <span class="col-9">Late Fees</span>
    <span class="col-3">{{i.IRLateFees}}</span>
</div>
{% endif %}
{% if i.IRLicenseFormFees != 0 %}
<div class="row mx-1 ">
    <span class="col-9">License Form Fees</span>
    <span class="col-3">{{i.IRLicenseFormFees}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
    <span class="col-9">License Form Fees</span>
    <span class="col-3">{{i.IRLicenseFormFees}}</span>
</div>
{% endif %}
{% if i.IRShoppingComplexRent != 0 %}
<div class="row mx-1 ">
    <span class="col-9">Shopping Complex Rent</span>
    <span class="col-3">{{i.IRShoppingComplexRent}}</span>
</div>

```

```

{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">Shopping Complex Rent</span>
  <span class="col-3">{{i.IRShoppingComplexRent}}</span>
</div>
{% endif %}
{% if i.IRHishobPattiBook != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Hishob Patti Book</span>
  <span class="col-3">{{i.IRHishobPattiBook}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">Hishob Patti Book</span>
  <span class="col-3">{{i.IRHishobPattiBook}}</span>
</div>
{% endif %}
{% if i.IRBillBook != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Bill Book</span>
  <span class="col-3">{{i.IRBillBook}}</span>
</div>
{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">Bill Book</span>
  <span class="col-3">{{i.IRBillBook}}</span>
</div>
{% endif %}
{% if i.IRPohonchPavati != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Pohonch Pavati</span>
  <span class="col-3">{{i.IRPohonchPavati}}</span>
</div>
{% else %}

```

```

<div class="row mx-1 d-none">
  <span class="col-9">Pohonch Pavati</span>
  <span class="col-3">{{i.IRPohonchPavati}}</span>
</div>

{% endif %}

{% if i.IROtherFees != 0 %}
<div class="row mx-1 ">
  <span class="col-9">Other Fees</span>
  <span class="col-3">{{i.IROtherFees}}</span>
</div>

{% else %}
<div class="row mx-1 d-none">
  <span class="col-9">Other Fees</span>
  <span class="col-3">{{i.IROtherFees}}</span>
</div>

{% endif %}

{% if i.IRNATax != 0 %}
<div class="row mx-1 ">
  <span class="col-9">NA Tax</span>
  <span class="col-3">{{i.IRNATax}}</span>
</div>

{% else %}
  <div class="row mx-1 d-none">
    <span class="col-9">NA Tax</span>
    <span class="col-3">{{i.IRNATax}}</span>
  </div>

  {% endif %}
</details>
</div>

{% endfor %}

<script src="{% static 'js/finance.js' %}" type="text/javascript"></script>
<script src="{% static 'js/reportfinance.js' %}" type="text/javascript"></script>
<script src="{% static 'js/financereport.js' %}" type="text/javascript"></script>
{% endblock reportbodycontent %}

```


CSS:base.css

```
* {  
    font-family: 'Tahoma', sans-serif;  
}
```

JS:finance.js

```
var tlength = document.getElementById("InvoiceRecords").rows.length;  
function arrsum(colnum) {  
    var arr = [];  
    for (i = 1; i < tlength - 1; i++) {  
        var z =  
parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(colnum).innerHTML);  
        if (isNaN(z)) {  
  
        } else {  
            arr.push(z);  
        }  
    }  
    let sum = 0;  
    for (const item of arr) {  
        sum += item;  
    }  
    arr.length = 0;  
    return sum;  
}  
document.getElementById("tcount5").innerHTML = arrsum(5);  
document.getElementById("tcount6").innerHTML = arrsum(6);  
document.getElementById("tcount7").innerHTML = arrsum(7);  
document.getElementById("tcount8").innerHTML = arrsum(8);  
document.getElementById("tcount9").innerHTML = arrsum(9);  
document.getElementById("tcount10").innerHTML = arrsum(10);  
document.getElementById("tcount11").innerHTML = arrsum(11);  
document.getElementById("tcount12").innerHTML = arrsum(12);  
document.getElementById("tcount13").innerHTML = arrsum(13);
```

```

document.getElementById("tcount14").innerHTML = arrsum(14);
document.getElementById("tcount15").innerHTML = arrsum(15);
document.getElementById("tcount16").innerHTML = arrsum(16);
document.getElementById("tcount17").innerHTML = arrsum(17);
document.getElementById("tcount18").innerHTML = arrsum(18);
document.getElementById("tcount19").innerHTML = arrsum(19);
document.getElementById("tcount20").innerHTML = arrsum(20);
document.getElementById("tcount21").innerHTML = arrsum(21);
document.getElementById("tcount22").innerHTML = arrsum(22);
document.getElementById("tcount23").innerHTML = arrsum(23);
document.getElementById("tcount24").innerHTML = arrsum(24);
document.getElementById("tcount25").innerHTML = arrsum(25);
document.getElementById("tcount26").innerHTML = arrsum(26);
document.getElementById("tcount27").innerHTML = arrsum(27);

```

JS:financereport.js

```

datearr = document.getElementsByClassName("ldate");
var darr = [];
for (i = 0;i<datearr.length;i++){
    darr.push(datearr[i].innerHTML);
}
lharr = document.getElementsByClassName("lname");
var larr = [];
for (i=0;i<lharr.length;i++){
    larr.push(lharr[i].innerHTML);
}
var uniquelarr = new Set(larr);
var settoarr = Array.from(uniquelarr);
document.getElementById("lhname").innerHTML = settoarr;
document.getElementById("lhsdate").innerHTML = darr[0];
document.getElementById("lhedate").innerHTML = darr[darr.length-1];
document.getElementById("lhamount").innerHTML = arrsum(27);
if (settoarr.length == 0){
    document.getElementById("statements").style.display = "none";
}

```

JS:reportfinance.js

```
function cashcount() {
    var arr = [];
    for (i = 1;i<tlength-1;i++){
        if (document.getElementById("InvoiceRecords").rows[i].cells.item(28).innerHTML=="Cash"){
            arr.push(parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(27)
.innerHTML))
        } else {

        }
    }
    let sum = 0;
    for (const item of arr) {
        sum += item;
    }
    arr.length = 0;
    return sum;
}

function chequecount() {
    var arr = [];
    for (i = 1;i<tlength-1;i++){
        if
(document.getElementById("InvoiceRecords").rows[i].cells.item(29).innerHTML=="Cheque
"){
            arr.push(parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(27)
.innerHTML))
        } else {

        }
    }
    let sum = 0;
    for (const item of arr) {
        sum += item;
    }
}
```

```

    }
    arr.length = 0;
    return sum;
}

function upicount() {
    var arr = [];
    for (i = 1;i<tlength-1;i++){
        if
(document.getElementById("InvoiceRecords").rows[i].cells.item(31).innerHTML=="UPI"){
            arr.push(parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(27)
.innerHTML))
        } else {

        }
    }
    let sum = 0;
    for (const item of arr) {
        sum += item;
    }
    arr.length = 0;
    return sum;
}

document.getElementById("tcount28").innerHTML = cashcount();
document.getElementById("tcount29").innerHTML = chequecount();
document.getElementById("tcount31").innerHTML = upicount();

```

JS:reportinvoice.js

```

function cashcount() {
    var arr = [];
    for (i = 1;i<tlength-1;i++){
        if
(document.getElementById("InvoiceRecords").rows[i].cells.item(28).innerHTML.slice(21,25)
=="Cash"){
            arr.push(parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(27)
.innerHTML))
        }
    }
    let sum = 0;
    for (const item of arr) {
        sum += item;
    }
    arr.length = 0;
    return sum;
}

```

```

    } else {

    }
}
let sum = 0;
for (const item of arr) {
    sum += item;
}
arr.length = 0;
return sum;
}
function chequecount() {
    var arr = [];
    for (i = 1;i<tlength-1;i++){
        if
(document.getElementById("InvoiceRecords").rows[i].cells.item(29).innerHTML.slice(21,27
)=="Cheque"){
            arr.push(parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(27)
.innerHTML))
        } else {

        }
    }
    let sum = 0;
    for (const item of arr) {
        sum += item;
    }
    arr.length = 0;
    return sum;
}
function upicount() {
    var arr = [];
    for (i = 1;i<tlength-1;i++){

```

```

        if
        (document.getElementById("InvoiceRecords").rows[i].cells.item(31).innerHTML.slice(21,24)
        )=="UPI"){
            arr.push(parseInt(document.getElementById("InvoiceRecords").rows[i].cells.item(27)
            .innerHTML))
        } else {
        }
    }
    let sum = 0;
    for (const item of arr) {
        sum += item;
    }
    arr.length = 0;
    return sum;
}
document.getElementById("tcount28").innerHTML = cashcount();
document.getElementById("tcount29").innerHTML = chequecount();
document.getElementById("tcount31").innerHTML = upicount();

```

PROJECT:settings.py

```

from pathlib import Path
import ACC.apps
from .jazzmin import JAZZMIN_SETTINGS
from django.contrib.messages import constants as messages
BASE_DIR = Path(__file__).resolve().parent.parent
SECRET_KEY = 'django-insecure-
(jg^*!4wsrz8+4@%*737h2cwvuv$e#oup*8c@!jou2(a=rh^k-'
DEBUG = False
ALLOWED_HOSTS = ["*", "127.0.0.1"]
INSTALLED_APPS = [
    'ACC',
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',

```

```

'django.contrib.messages',
'django.contrib.staticfiles',
]
MIDDLEWARE = [
'django.middleware.security.SecurityMiddleware',
'django.contrib.sessions.middleware.SessionMiddleware',
'django.middleware.common.CommonMiddleware',
'django.middleware.csrf.CsrfViewMiddleware',
'django.contrib.auth.middleware.AuthenticationMiddleware',
'django.contrib.messages.middleware.MessageMiddleware',
'django.middleware.clickjacking.XFrameOptionsMiddleware',
]
ROOT_URLCONF = 'AFAPMC.urls'
TEMPLATES = [
{
'BACKEND': 'django.template.backends.django.DjangoTemplates',
'DIRS': [BASE_DIR / 'templates'],
'APP_DIRS': True,
'OPTIONS': {
'context_processors': [
'django.template.context_processors.debug',
'django.template.context_processors.request',
'django.contrib.auth.context_processors.auth',
'django.contrib.messages.context_processors.messages',
],
},
},
]

WSGI_APPLICATION = 'AFAPMC.wsgi.application'
DATABASES = {
'default': {
'ENGINE': 'django.db.backends.sqlite3',
'NAME': BASE_DIR / 'db.sqlite3',

```

```

    }
}
AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]
LANGUAGE_CODE = 'en-us'
TIME_ZONE = 'Asia/Kolkata'
USE_I18N = True
USE_TZ = True
STATIC_URL = 'static/'
STATICFILES_DIRS = [BASE_DIR / 'static']
DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
PROJECT:urls.py
from django.contrib import admin
from django.urls import path
from django.urls import include
urlpatterns = [
    path('admin/', admin.site.urls),
    path("",include('ACC.urls',namespace="ACC")),
]
APP:admin.py
from django.contrib import admin
from ACC import models

```


Register your models here.

```
admin.site.register(models.Proprietor)
```

```
admin.site.register(models.InvoiceRecords)
```

```
admin.site.register(models.Employee)
```

APP:models.py

```
from django.db import models
```

```
class Proprietor(models.Model):
```

```
    PropID = models.CharField(max_length=10)
```

```
    PlotNumber = models.CharField(max_length = 5,null=True)
```

```
    PlotOwner = models.CharField(max_length=100,null=True)
```

```
    LicenseHolder = models.CharField(max_length = 100)
```

```
    ShopName = models.CharField(max_length=100,null=True)
```

```
    EmailID = models.EmailField(max_length=100)
```

```
    PhoneNumber = models.CharField(max_length=10)
```

```
    AadharNumber = models.IntegerField()
```

```
    DateOfBirth=models.CharField(max_length=10)
```

```
    Aadtye=models.BooleanField()
```

```
    AClass=models.BooleanField()
```

```
    Processing=models.BooleanField()
```

```
    Hamal=models.BooleanField()
```

```
    RecordedBy = models.CharField(max_length=25)
```

```
    def __str__(self) -> str:
```

```
        return self.LicenseHolder
```

```
class InvoiceRecords(models.Model):
```

```
    IRProprietorID = models.CharField(max_length=10)
```

```
    IRLicenseHolderName = models.CharField(max_length=100)
```

```
    IRAadharNumber=models.IntegerField()
```

```
    IRDOB=models.CharField(max_length=10)
```

```
    IRDate = models.CharField(max_length=10)
```

```
    IRYear = models.CharField(max_length=10)
```

```
    IRLicenseFeesAadtye = models.IntegerField()
```

```
    IRLicenseFeesAClass = models.IntegerField()
```

```
    IRLicenseFeesProcessing = models.IntegerField()
```

```

IRLicenseFeesHamal = models.IntegerField()
IRLicenseRenewalFeesAadtye = models.IntegerField()
IRLicenseRenewalFeesAClass = models.IntegerField()
IRLicenseRenewalFeesProcessing = models.IntegerField()
IRLicenseRenewalFeesHamal = models.IntegerField()
IRPlotRent = models.IntegerField()
IRMarketFeesMain = models.IntegerField()
IRMarketFeesSecondary = models.IntegerField()
IRSupervisionFees = models.IntegerField()
IRFormFees = models.IntegerField()
IRTavanPenalty = models.IntegerField()
IRLateFees = models.IntegerField()
IRLicenseFormFees = models.IntegerField()
IRShoppingComplexRent = models.IntegerField()
IRHishobPattiBook = models.IntegerField()
IRBillBook = models.IntegerField()
IRPohonchPavati = models.IntegerField()
IROtherFees = models.IntegerField()
IRNATax = models.IntegerField()
IRTotalFees=models.IntegerField()
IRCash = models.BooleanField()
IRCheque = models.BooleanField()
IRChequeNumber = models.CharField(max_length=25)
IRUPI = models.BooleanField()
IRTransactionNumber = models.CharField(max_length=50)
IRRecordedBy = models.CharField(max_length=25)
def __str__(self) -> str:
    return self.IRLicenseHolderName+", "+self.IRTransactionNumber
class Employee(models.Model):
    EmpName = models.CharField(max_length=50)
    EmpEmail = models.CharField(max_length=50)
    EmpPhone = models.CharField(max_length=10)
    EmpAadhar = models.IntegerField()
    EmpDesignation = models.CharField(max_length=15)

```

```

EmpUsername = models.CharField(max_length=20)
EmpPassword = models.CharField(max_length=20)
def __str__(self) -> str:
    return self.EmpName

```

APP:urls.py

```

from django.contrib import admin
from django.urls import path
from django.urls import include
from ACC import views
app_name = 'ACC'
urlpatterns = [
    path("",views.index),
    path('login',views.loginUser),
    path('logout',views.logoutUser),
    path('signup',views.signup),
    path('reports',views.reports),
    path('addproprietor',views.addproprietor),
    path('searchproprietor',views.searchproprietor),
    path('updateproprietor/<int:i_id>',views.updateproprietor,name="updprop"),
    path('deleteproprietor/<int:i_id>',views.deleteproprietor,name="delprop"),
    path('createinvoice/<int:i_id>',views.createinvoice,name="crin"),
    path('error',views.error),
    path('updateproprietor',views.upp),
    path('deleteproprietor',views.dpp),
    path('createinvoice',views.ci),
    path('reports/invoicerecords',views.invoicerecords,name="rirerecords"),
    path('reports/proprietors',views.proprecords,name='precords'),
    path('reports/finance',views.financerecords,name='refinance'),
    path('reports/tally',views.tally,name="retally"),
]

```

APP:views.py

```

from django.db.models import Count
from django.db.models import Sum
import pandas as pd

```

```

from django.shortcuts import render
from django.shortcuts import HttpResponseRedirect
from django.shortcuts import redirect
from django.contrib.auth import authenticate
from django.contrib.auth import login
from django.contrib.auth import logout
from django.contrib.auth.decorators import login_required
from ACC.models import Proprietor
from ACC.models import InvoiceRecords
from ACC.models import Employee
from django.db.models import Q
from datetime import datetime
from datetime import date
from datetime import timedelta
from django.contrib import messages
from django.contrib.auth.models import User
from django.shortcuts import get_object_or_404, get_list_or_404
#INDEX PAGE
@login_required(login_url = '/login')
def index(request):
    try:
        if request.user.is_anonymous:
            return redirect('/login')
        else:
            return render(request, 'html/index.html')
    except:
        return render(request, 'html/pagenotfound.html')
#LOGIN PAGE
def loginUser(request):
    if request.method == "POST":
        usern = request.POST['username']
        userp = request.POST['password']
        user = authenticate(request, username=usern, password=userp)
        if user is not None:

```

```

        login(request, user)
        return redirect('/')
    else:
        return render(request, 'html/login.html')
    return render(request, "html/login.html")
#LOGOUT
def logoutUser(request):
    logout(request)
    return redirect('/login')
#ADD EMPLOYEE PAGE
def signup(request):
    if request.method == "POST":
        aename = request.POST.get('name')
        aeemail = request.POST.get('email')
        aephone = request.POST.get('mobilenos')
        if request.POST.get('aadhar')=="":
            aeaadhar = 0000000000000
        else:
            aeaadhar = request.POST.get('aadhar')
        aedesig = request.POST.get('designation')
        namelist = aename.split(" ")
        usernamestring = namelist[0]+namelist[1][0]+namelist[2][0]
        olist = [aeemail, aephone, aeaadhar, aedesig]
        namelist.extend(olist)
        passwordstring = ""
        for i in {i[0] for i in namelist}:
            passwordstring = passwordstring+i[0]
        aeusername = usernamestring
        aepassword = passwordstring
        del namelist, olist, usernamestring, passwordstring
        emp = Employee.objects.create(EmpName=aename, EmpEmail=aeemail,
        EmpPhone=aephone,EmpAadhar=aeaadhar, EmpDesignation=aedesig,
        EmpUsername=aeusername, EmpPassword=aepassword)
        emp.save()

```

```

        if aedesig == "Secretary":
            user =
User.objects.create_superuser(username=aeusername,email=aeemail,password=aepassword)
        else:
            user = User.objects.create_user(username=aeusername, email=aeemail,
password=aepassword)
            user.save()
            messages.success(
                request, f'Employee Record Added With Username: {aeusername} and Password:
                {aepassword}')
            return render(request, 'html/signup.html')
#REPORTS PAGE
@login_required(login_url='/login')
def reports(request):
    return render(request, 'html/reports.html')
#ADD PROPRIETOR PAGE
@login_required(login_url='/login')
def addproprietor(request):
    try:
        csuser = str(request.user)
        if request.method == "POST":
            applotnumber = request.POST.get('plotnumber')
            applotowner = request.POST.get('plotowner')
            aplicenseholder = request.POST.get('licenseholder')
            apshopname = request.POST.get('shopname')
            apemail = request.POST.get('emailid')
            apphone = request.POST.get('phonenumber')
            if request.POST.get('aadharnumber')=="":
                apaadhar = 0000000000000
            else:
                apaadhar = int(request.POST.get('aadharnumber'))
            apdob = request.POST.get('dateofbirth')
            apaadtye = bool(request.POST.get('aadtye', ""))
            apaclass = bool(request.POST.get('aclass', ""))

```

```

        approcessing = bool(request.POST.get('processing', ""))
        ahamal = bool(request.POST.get('hamal', ""))
        proprietorlist = Proprietor.objects.create(PlotNumber=applotnumber,
PlotOwner=applotowner, LicenseHolder=aplicenseholder, ShopName=apshopname,
EmailID=apemail, PhoneNumber=apphone, AadharNumber=apaadhar, DateOfBirth=apdob,
Aadtye=apaadtye, AClass=apaclass, Processing=approcessing, Hamal=aphamal,
RecordedBy=csuser)
        proprietorlist.save()
        if len(str(proprietorlist.id)) == 1:
            proprietorlist.PropID = "APMC00"+str(proprietorlist.id)
        elif len(str(proprietorlist.id)) == 2:
            proprietorlist.PropID = "APMC0"+str(proprietorlist.id)
        else:
            proprietorlist.PropID = "APMC"+str(proprietorlist.id)
        proprietorlist.save()
        messages.success(
            request, f'Proprietor Record Added Sucessfully With PropID:
{proprietorlist.PropID}')
        except Exception as f:
            messages.error(request, f)
        return render(request, 'html/addproprietor.html')
#SEARCH PROPRIETOR
@login_required(login_url='/login')
def searchproprietor(request):
    searchq = request.POST.get('searchproprietorsearchbox')
    searchr = Proprietor.objects.filter(LicenseHolder__iexact=searchq)
    try:
        if request.method == "POST":
            print(searchr)
    except Exception as e:
        messages.error(request, e)
    return render(request, 'html/searchproprietor.html', {'data': searchr})
#UPDATE PROPRIETOR
@login_required(login_url='/login')

```

```

def updateproprietor(request, i_id):
    i = get_object_or_404(Proprietor, pk=i_id)
    csuser = str(request.user)
    try:
        if request.method == "POST":
            i.PlotNumber = request.POST.get('upplotnumber')
            i.PlotOwner = request.POST.get('upplotowner')
            i.LicenseHolder = request.POST.get('uplicenseholder')
            i.ShopName = request.POST.get('upshopname')
            i.EmailID = request.POST.get('upemailid')
            i.PhoneNumber = request.POST.get('upphonenumber')
            if request.POST.get('upaadharnumber')=="":
                i.AadharNumber = 000000000000
            else:
                i.AadharNumber = int(request.POST.get('upaadharnumber'))
            i.DateOfBirth = request.POST.get('dateofbirth')
            i.Aadtye = bool(request.POST.get('upaadtye', ""))
            i.AClass = bool(request.POST.get('upaclass', ""))
            i.Processing = bool(request.POST.get('upprocessing', ""))
            i.Hamal = bool(request.POST.get('uphamal', ""))
            i.RecordedBy = csuser
            i.save()
            messages.success(request, 'Proprietor Record Updated Sucessfully!')
        except Exception as e:
            messages.error(request, e)
        return render(request, 'html/updateproprietor.html', {'i': i})
#DELETE PROPRIETOR
@login_required(login_url='/login')
def deleteproprietor(request, i_id):
    i = get_object_or_404(Proprietor, pk=i_id)
    try:
        if request.method == "POST":
            i.delete()
            messages.success(

```



```

        request, 'Proprietor Record Deleted Successfully As Below!')
except Exception as e:
    messages.error(request, e)
    return render(request, 'html/deleteproprietor.html', {'i': i})
#CREATE INVOICE
@login_required(login_url='/login')
def createinvoice(request, i_id):
    i = get_object_or_404(Proprietor, pk=i_id)
    csuser = str(request.user)
    pyear = datetime.now().year
    cyear = datetime.now().year+1
    today = datetime.today().strftime("%Y-%m-%d")
    if request.method == "POST":
        ciproprietorid = i.PropID
        cilicenseholdername = i.LicenseHolder
        ciadharnumber = i.AadharNumber
        cidob = i.DateOfBirth
        cidate = today
        ciyear = str(pyear)+"-"+str(cyear)
        if request.POST.get('cilicensefeesaadtye') == "":
            cilicensefeesaadtye = 0
        else:
            cilicensefeesaadtye = int(request.POST.get('cilicensefeesaadtye'))
        if request.POST.get('cilicensefeesaaclass') == "":
            cilicensefeesaaclass = 0
        else:
            cilicensefeesaaclass = int(request.POST.get('cilicensefeesaaclass'))
        if request.POST.get('cilicensefeesprocessing') == "":
            cilicensefeesprocessing = 0
        else:
            cilicensefeesprocessing = int(
                request.POST.get('cilicensefeesprocessing'))
        if request.POST.get('cilicensefeeshamal') == "":
            cilicensefeeshamal = 0

```

```

else:
    cilicensefeeshamal = int(request.POST.get('cilicensefeeshamal'))
if request.POST.get('cilicenserenewalfeesaadtye') == "":
    cilicenserenewalfeesaadtye = 0
else:
    cilicenserenewalfeesaadtye = int(
        request.POST.get('cilicenserenewalfeesaadtye'))
if request.POST.get('cilicenserenewalfeesaaclass') == "":
    cilicenserenewalfeesaaclass = 0
else:
    cilicenserenewalfeesaaclass = int(
        request.POST.get('cilicenserenewalfeesaaclass'))
if request.POST.get('cilicenserenewalfeesprocessing') == "":
    cilicenserenewalfeesprocessing = 0
else:
    cilicenserenewalfeesprocessing = int(
        request.POST.get('cilicenserenewalfeesprocessing'))
if request.POST.get('cilicenserenewalfeeshamal') == "":
    cilicenserenewalfeeshamal = 0
else:
    cilicenserenewalfeeshamal = int(
        request.POST.get('cilicenserenewalfeeshamal'))
if request.POST.get('ciplotrent') == "":
    ciplotrent = 0
else:
    ciplotrent = int(request.POST.get('ciplotrent'))
if request.POST.get('cimarketfeesmain') == "":
    cimarketfeesmain = 0
else:
    cimarketfeesmain = int(request.POST.get('cimarketfeesmain'))
if request.POST.get('cimarketfeessesecondary') == "":
    cimarketfeessesecondary = 0
else:
    cimarketfeessesecondary = int(

```

```

        request.POST.get('cimarketfeessesecondary'))
if request.POST.get('cisupervisionfees') == "":
    cisupervisionfees = 0
else:
    cisupervisionfees = int(request.POST.get('cisupervisionfees'))
if request.POST.get('ciformfees') == "":
    ciformfees = 0
else:
    ciformfees = int(request.POST.get('ciformfees'))
if request.POST.get('citavanpenalty') == "":
    citavanpenalty = 0
else:
    citavanpenalty = int(request.POST.get('citavanpenalty'))
if request.POST.get('cilatefees') == "":
    cilatefees = 0
else:
    cilatefees = int(request.POST.get('cilatefees'))
if request.POST.get('cilicenseformfees') == "":
    cilicenseformfees = 0
else:
    cilicenseformfees = int(request.POST.get('cilicenseformfees'))
if request.POST.get('cishoppingcomplexrent') == "":
    cishoppingcomplexrent = 0
else:
    cishoppingcomplexrent = int(request.POST.get('cishoppingcomplexrent'))
if request.POST.get('cihishobpattibook')=="":
    cihishobpattibook=0
else:
    cihishobpattibook = int(request.POST.get('cihishobpattibook'))
if request.POST.get('cibillbook')=="":
    cibillbook=0
else:
    cibillbook = int(request.POST.get('cibillbook'))
if request.POST.get('cipohonchpavati')=="":

```

```

        cipohonchpavati=0
    else:
        cipohonchpavati = int(request.POST.get('cipohonchpavati'))
    if request.POST.get('ciotherfees')=="":
        ciotherfees=0
    else:
        ciotherfees = int(request.POST.get('ciotherfees'))
    if request.POST.get('cinatax')=="":
        cinatax=0
    else:
        cinatax = int(request.POST.get('cinatax'))
    if request.POST.get('citotalfees')=="":
        citotalfees=0
    else:
        citotalfees = int(request.POST.get('citotalfees'))
    cicash = bool(request.POST.get('cicash', ""))
    cicheque = bool(request.POST.get('cicheque', ""))
    cichequenummer = request.POST.get('cichequenummer')
    ciupi = bool(request.POST.get('ciupi', ""))
    citransactionnumber = str(i.PropID)+"TXN" +
str(datetime.now().strftime("%Y%m%d%H%M%S"))
    cirecordedby = csuser
    invoicelist = InvoiceRecords.objects.create(IRProprietorID=ciproprietorid,
IRLicenseHolderName=cilicenseholdername, IRAadharNumber=ciadharnumber,
IRDOB=cidob, IRDate=cidate, IRYear=ciyear, IRLicenseFeesAadtye=cilicensefeesaadtye,
IRLicenseFeesAClass=cilicensefeesaaclass,
IRLicenseFeesProcessing=cilicensefeesprocessing,
IRLicenseFeesHamal=cilicensefeeshamal,
IRLicenseRenewalFeesAadtye=cilicenserenewalfeesaadtye,
IRLicenseRenewalFeesAClass=cilicenserenewalfeesaaclass,
IRLicenseRenewalFeesProcessing=cilicenserenewalfeesprocessing,
IRLicenseRenewalFeesHamal=cilicenserenewalfeeshamal,
IRPlotRent=ciplotrent,IRMarketFeesMain=cimarketfeesmain,
IRMarketFeesSecondary=cimarketfeessesecondary, IRSupervisionFees=cisupervisionfees,

```

```

IRFormFees=ciformfees, IRTavanPenalty=citavanpenalty, IRLateFees=cilatefees,
IRLicenseFormFees=cilicenseformfees, IRShoppingComplexRent=cishoppingcomplexrent,
IRHishobPattiBook=cihishobpattibook, IRBillBook=cibillbook,
IRPohonchPavati=cipohonchpavati, IROtherFees=ciotherfees, IRNATax=cinatax,
IRTotalFees=citotalfees, IRCash=cicash, IRCheque=cicheque,
IRChequeNumber=cichequenumber, IRUPI=ciupi,
IRTransactionNumber=citransactionnumber, IRRecordedBy=cirecordedby)
    invoicelist.save()
    messages.success(request, f'Receipt Record Saved Sucessfully With Transaction
Number: {citransactionnumber}')
    return render(request, 'html/error.html')
    return render(request, 'html/createinvoice.html', {'i': i, "pyear": pyear, "cyear": cyear,
"today": today})
#REDIRECTING PAGES
@login_required(login_url='/login')
def error(request):
    return render(request, 'html/error.html')
#UPDATE PROPRIETOR PAGE WITHOUT DATA
@login_required(login_url='/login')
def upp(request):
    return render(request, 'html/error.html')
#DELETE PROPRIETOR PAGE WITHOUT DATA
@login_required(login_url='/login')
def dpp(request):
    return render(request, 'html/error.html')
#CREATE INVOICE PAGE WITHOUT DATA
@login_required(login_url='/login')
def ci(request):
    return render(request, 'html/error.html')
#INVOICE RECORDS REPORT PAGE
@login_required(login_url='/login')
def invoicerecords(request):
    irl = get_list_or_404(InvoiceRecords)
    return render(request, 'html/invoicerecords.html', {'invoicelist': irl})

```

```

#PROPRIETOR LIST REPORT PAGE
@login_required(login_url='/login')
def proprecords(request):
    prl = get_list_or_404(Proprietor)
    return render(request, 'html/proprietors.html', {'prprecords': prl})

#FINANCIAL ASPECT REPORT PAGE
@login_required(login_url='/login')
def financerecords(request):
    if request.method == "POST":
        fiviewstartdate = request.POST.get('startdate')
        if fiviewstartdate == "":
            fiviewstartdate = "2023-04-01"
        fiviewenddate = request.POST.get('enddate')
        if fiviewenddate == "":
            fiviewenddate = "2024-03-31"
        sdate = datetime.strptime(
            fiviewstartdate, "%Y-%m-%d")-timedelta(days=1)
        edate = datetime.strptime(fiviewenddate, "%Y-%m-%d")+timedelta(days=1)
        fiviewlicenseholder = request.POST.get('ficenseholder')
        fiviewselectoption = request.POST.getlist('selectoption')
        fiviewrecordedby = request.POST.get('firecordedby')
        fiviewaadhar = request.POST.get('fiaadhar')
        # SEARCHING BY AADHAR NUMBER
        if fiviewselectoption[0] == "Aadhar Number" and len(fiviewselectoption) == 1:
            mydata = InvoiceRecords.objects.filter(IRAadharNumber=fiviewaadhar)
            return render(request, 'html/finance.html', {'financetable': mydata})
        # SEARCHING BY NAME OF LICENSE HOLDER
        elif fiviewselectoption[0] == "License Holder" and len(fiviewselectoption) == 1:
            mydata = InvoiceRecords.objects.filter(
                IRLicenseHolderName__iexact=fiviewlicenseholder)
            return render(request, 'html/finance.html', {'financetable': mydata})
        # #SEARCHING BY NAME OF USER WHO RECORDED THE TRANSACTIONS
        elif fiviewselectoption[0] == "Recorded By" and len(fiviewselectoption) == 1:
            mydata = InvoiceRecords.objects.filter(

```

```

        IRRecordedBy__iexact=fviewrecordedby)
    return render(request, 'html/finance.html', {'financetable': mydata})
# SEARCHING BY THE START DATE AND END DATE
elif fviewselectoption[0] == "Date" and len(fviewselectoption) == 1:
    mydata = InvoiceRecords.objects.filter(
        IRDate__gte=sdate, IRDate__lte=edate)
    return render(request, 'html/finance.html', {'financetable': mydata})
# SEARCHING BY THE NAME OF LICENSE HOLDER AND DATE
elif fviewselectoption[0] == "Date" and fviewselectoption[1] == "License Holder" and
len(fviewselectoption) == 2:
    mydata = InvoiceRecords.objects.filter(Q(IRDate__gte=sdate) &
Q(IRDate__lte=edate) & Q(IRLicenseHolderName=fviewlicenseholder))
    return render(request, 'html/finance.html', {'financetable': mydata})
# SEARCHING BY THE NAME OF LICENSE HOLDER AND RECORDED BY
elif fviewselectoption[0] == "License Holder" and fviewselectoption[1] == "Recorded
By" and len(fviewselectoption) == 2:
    mydata = InvoiceRecords.objects.filter(Q(IRRecordedBy__iexact=fviewrecordedby)
& Q(IRLicenseHolderName__iexact=fviewlicenseholder))
    return render(request, 'html/finance.html', {'financetable': mydata})
# SEARCHING BY THE NAME OF DATE AND RECORDED BY
elif fviewselectoption[0] == "Date" and fviewselectoption[1] == "Recorded By" and
len(fviewselectoption) == 2:
    mydata = InvoiceRecords.objects.filter(Q(IRDate__gte=sdate) &
Q(IRDate__lte=edate) & Q(IRRecordedBy__iexact=fviewrecordedby))
    return render(request, 'html/finance.html', {'financetable': mydata})
# SEARCHING BY THE NAME OF DATE AND NAME OF LICENSE HOLDER
AND RECORDED BY
elif fviewselectoption[0] == "Date" and fviewselectoption[1] == "License Holder" and
fviewselectoption[2] == "Recorded By" and len(fviewselectoption) == 3:
    mydata = InvoiceRecords.objects.filter(Q(IRDate__gte=sdate) &
Q(IRDate__lte=edate) & Q(IRLicenseHolderName__iexact=fviewlicenseholder) &
Q(IRRecordedBy__iexact=fviewrecordedby))
    return render(request, 'html/finance.html', {'financetable': mydata})
else:

```

```

        mydata = InvoiceRecords.objects.all()
        return render(request, 'html/finance.html', {'financetable': mydata})

    return render(request, 'html/finance.html')

#TALLY REPORT PAGE

@login_required(login_url='/login')
def tally(request):
    mydata = InvoiceRecords.objects.all().values()
    df = pd.DataFrame(mydata)
    resdf =
pd.DataFrame(df.groupby('IRLicenseHolderName')[['IRLicenseFeesAadtye', 'IRLicenseFees
AClass', 'IRLicenseFeesProcessing', 'IRLicenseFeesHamal', 'IRLicenseRenewalFeesAadtye', 'IR
LicenseRenewalFeesAClass', 'IRLicenseRenewalFeesProcessing', 'IRLicenseRenewalFeesHa
mal', 'IRPlotRent', 'IRMarketFeesMain', 'IRMarketFeesSecondary', 'IRSupervisionFees', 'IRForm
Fees', 'IRTavanPenalty', 'IRLateFees', 'IRLicenseFormFees', 'IRShoppingComplexRent', 'IRHish
obPattiBook', 'IRBillBook', 'IRPohonchPavati', 'IROtherFees', 'IRNATax', 'IRTotalFees']].sum())
    mydict = {
        'resdf': resdf.to_records()
    }
    return render(request, 'html/tally.html', context=mydict)

```


5. PERFORMANCE ANALYSIS

5.1 Testing and Implementing Testing

The manual testing has been done in the initial phases of the development. The software is working properly as it should be.

An Application testing tool is any program that helps QAs manage and regulate the test process. Deciding which application testing software or framework is to be used varies according to the nature of the application to be tested. Now, let's explore some of the most popular test automation frameworks used for application testing.

Selenium is the most popular tool suite for automating web application testing. It enables QAs to verify the cross browser compatibility of a web application using Selenium WebDriver. Rational Functional Tester (RFT) can be used as an alternative to Selenium.

Following are the fundamental steps involved in testing this application:

1. We created a test plan according to the application requirements.
 2. Developed manual test case scenarios from the end-users perspective.
 3. Automated the test scenarios using scripts.
 4. Performed functional tests and validated and everything worked according to requirements.
- Application testing is a significant stage in the software development life cycle. Consequently, it becomes necessary for every QA to understand the basics of application testing. This article attempts to foster this understanding so that QAs can do their job in the best possible way.

5.2 Testing Methods

There are two major types of testing they are:

- 1) White Box Testing
- 2) Black Box Testing

White Box Testing

White box sometimes called "Glass box testing" is a test case design that uses the control structure of the procedural design to drive test cases.

Using white box testing methods, the following tests were made on the system.

- a) All independent paths within a module have been exercised once. In our system, ensuring that a case was selected and executed checked all case structures. The bugs that were prevailing in some part of the code were fixed.
- b) All logical decisions were checked for the truth and falsity of the values.

Black Box Testing

Black box testing focuses on the functional requirements of the software. This is black box testing enables the software engineering to derive a set of input conditions that will fully exercise all functional requirements for a program. Black box testing is not an alternative to white box testing rather it is complementary approach that is likely to uncover a different class of errors that white box methods like.

- 1) Interface errors
- 2) Performance in data structure
- 3) Performance errors
- 4) Initializing and termination errors

Unit Testing

Unit testing is a software verification and validation method in which a programmer tests if individual units of source code are fit for use. A unit is the smallest testable part of an application. In procedural programming a unit may be an individual function or procedure. Ideally, each test case is independent from the others: substitutes like method stubs, objects, fakes and test harnesses can be used to assist testing a module in isolation.

Integration Testing:

This testing is sometimes called Integration and Testing. Integration testing is the phase in software testing in which individual software modules are combined and tested as a group. It occurs after unit testing and before system testing. Integration testing takes as its input modules that have been unit tested, groups them in larger aggregates, applies tests defined in an integration test plan to those aggregates and delivers as its output the integrated system ready for system testing.

Validation Testing:

Validation Testing can be defined in many ways, but a simple definition is that validation succeeds when the software functions in a manner that can reasonably be expected by customer. After validation test has been conducted, one of the following two possible conditions exists. The functions or performance characteristics confirm to specification and are accepted.

User Acceptance Testing

User acceptance of a system is a key factor of any system. The system under consideration is tested for the acceptance by constantly keeping in touch with the prospective system users at the same time of developing and marketing changes whenever required. This is done in regard to the following points:

- Input Screen Design
- Output Screen Design

6. CONCLUSION

6.1 Conclusion

Accounting System For APMC plays a crucial role in managing the financial operations and transactions within the committee. Such a system offers several benefits, including: efficient financial management, accurate financial records, improved decision-making, effective financial planning, etc.

6.2 Future Scope

The future scope for Accounting System for APMC lies in automation, integration, mobile accessibility, analytics, compliance, cloud-based solutions, blockchain technology and sustainability reporting. By embracing these advancements, APMCs can enhance financial management.

6.3 User Manual

- i. Create account
- ii. Login to the site
- iii. Click on add proprietor
- iv. Fill the input values in that section and click add button to add proprietor in the list.
- v. Check the proprietor list, invoice records, etc financial reports in 'Reports' section.
- vi. Click log out when your work is done.

6.4 Propsed Enhancements

- i. Graphics
- ii. Adding Expenditure Records
- iii. More Reports Generations

REFERENCES

I would like to mention some sources which proved to be helpful in making this project, some of them are as follows:

Websites

- 1) <https://openai.com/>
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Kendre Dhanraj Balaji

[VZ10363]

