MOVIE TICKET BOOKING MANAGEMENT

A MINI PROJECT REPORT

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KATTANKULATHUR – 603203 APRIL

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BONAFIDE CERTIFICATE

Certified that this project report **"Movie ticket booking Management System"** is the bonafide work of **"K.V.CHETAN(RA2011003010904), S.ROHIT (RA2011003010913), K.UDHAYA KUMAR (RA2011003010935)"** of III Year/VI Sem B.Tech (CSE) who carried out the mini project work under my supervision for the course 18CSC303J- Database Management Systems in SRM Institute of Science and Technology during the academic year 2022-2023(Even sem).

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ABSTRACT

The system aims at the maintenance and management of the different movies that are available in the different parts of the world. It mainly takes care of the Movie management at the core area of the database. The system provides the information regarding the different Movies Tickets that are available and their status specific to availability. The guests can visit the site and register themselves with the required information that is expected by the system. Each registered guest can make a request for the unit bookings. The Guests are scheduled with the information of the availability of the units for they have requested the time.

The main objective of the project is to reduce the human effort and processing time in maintaining the guests and staff information, accessing the data more easily. The various activities in the Movie management include management of guests data who are staying in the Movie, updating the grocery details daily in the Movie.

The primary goal of Movie management is to maintain a steady influx of visitors and guests. This management is also used to promote the Movie's extensive range of services and USPs. Another feature offered by the software is to know the benefit of visiting customers through marketing campaigns. It also allows the admin to operate the entire system from a single online interface, giving them more power and flexibility. Almost every family in today's generation has made going to the movies a tradition. It's a chance for the family to spend some quality time together by taking a few hours out of their packed schedule. Movies contribute to our everyday memories by serving as an essential part of our history. Passwords are validated by ensuring that they are not incomplete and that they have a minimum number of characters. The contact information validation involves only percentages, and the quantity of numbers required varies by country. For example, in India, the contact information input needs 10 digits. The drop-down list option is selected for the position area. As a result, the consumer has the option of selecting their position. The user will build an account until the validations are complete. Combinations of person names including the @, mark (.) and letters and numbers values are used in the generate returns. Other restrictions include the use of the "@" symbol just once and it not being the first word of the email. The viewer will verify the accessibility of ticket and that classification in their account. They can choose from silver, gold, or platinum categories, and so they can book their tickets as per their requirement and budget. The owner has the opportunity to see all of the information graphically and has the discretion to adjust ticket prices, availability, and much more.

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CHAPTER 1

INTRODUCTION 1.1 Introduction

The project Online Movie Management System is a web-based application that allows the Movie Manager & Owner to handle all Movie activities online easily and safely. Using Interactive GUI anyone can easily learn to use the complete system.

Using this Movie Manager doesn't have to sit and manage all the activities on paper. And at the same time Owner of the Movie will feel comfortable keeping a check on the Movie easily from anywhere around the world. This System will give them power and flexibility to manage the entire system from a single online portal.

Movie Management System provides room booking, staff management, and bill generation features. The system will be so simple and attractive which will make the customer comfortable to use and choose their ideal room. The system allows the Owner to check the Progress of the Movie from interactive Graphs and he will be notified of each new change made in System.

The system allows the manager to keep track of available rooms in the system and even maintain staff details like their hours worked and salary. Customers can view and book an available room online and the system will automatically generate the bill according to the number of days the type of room is booked.

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1.2 Motivation

Choosing a Movie ticket booking management as a project can be motivated by several factors, including the potential for improved efficiency, better decision-making, customization, and scalability. By implementing a movie management system, investors can have a more comprehensive view of their investments, set investment goals, define risk tolerance, and track performance metrics. This can help investors make more informed investment decisions, achieve their goals more effectively, and potentially lead to better outcomes. Additionally, a movie management system can be customized to the specific needs and preferences of the investor, and can be designed to handle a large number of investments and investors, which is particularly useful for investment firms or wealth management companies.

1.3 Objectives

The objective of our project is as follows:

- To develop a user-friendly web-based interface for managing movies that simplifies the process of creating, updating, and deleting of the data
- To incorporate powerful search functionality that enables users to find the information quickly and efficiently they need.
- To implement a secure database structure that protects sensitive movie information.
- It manages all the information about Movie, Ticket, Booking, Movie. The project is totally built at administrative end and thus only the administrator is guaranteed the access.
- The purpose of the project is to build an application program to reduce the manual work for managing the Movie, Movie Type, Ticket, Movie Language.

1.4 Scope and Applications

A movie booking management system is a tool used by individuals or organizations to manage their investment portfolios. The scope of a portfolio management system is vast, as it can be used to manage various types of investments, including stocks, bonds, mutual funds, and other financial instruments.

The primary objective of a movie management system is to help investors optimize their investment returns while minimizing risks. To achieve this, the system uses various analytical tools, such as risk analysis, performance analysis, and asset allocation. It also provides real-time market data, investment news, and research to help investors make informed investment decisions.

The applications of a movie management system are many and diverse, and include the following:

1. **Personal Investing:** A movie management system can help individual investors manage their personal investment , allowing them to track their investments, monitor their performance, and adjust their allocation as needed.

2. **Institutional Investing:** Movie management systems are also used by institutional investors, such as pension funds and mutual funds, to manage their investment portfolios on behalf of their clients.

3. **Wealth Management:** Wealth management firms use movie management systems to manage the investment movie of high-net-worth individuals, providing customized investment solutions and investment advice.

4. **Risk Management:** Movie management systems help investors manage investment risk by providing real-time risk analysis and monitoring, as well as tools for hedging and diversification.

5. **Performance Evaluation:** Movie management systems provide investors with detailed performance reports, allowing them to evaluate the performance of their investments and make informed investment decisions.

In summary, a movie management system is a powerful tool for managing investments, and its scope and applications are wide-ranging, making it a crucial tool for investors of all types.

1.5 General and Unique Services

Our Project can provide the following general and unique services:

Importing and Exporting Data: The application can allow users to import their movie information stored in CSV files into the application, and export the data in CSV format as well.

Customized Queries: The application can allow users to query their movie data in a customized way, such as by selecting specific columns or rows, filtering data based on certain criteria, or sorting data based on specific columns.

Ticket Analysis: The application can offer various tools for ticket analysis, such as calculating movie returns, risk measures, and other performance metrics.

Visualization Tools: The application can offer various charts and graphs to visualize movie data and analysis results, making it easier for users to understand their performance.

Security and Privacy: The application can ensure that the ticket data is secure and private, with appropriate measures such as encryption, user authentication, and access controls.

1.6 Software Requirements Specification Front End

Technology used:

- HTML5
- CSS3
- JavaScript

Backend Technology used:

- PHP

Database:

- MySQL

CHAPTER 2 LITERATURE SURVEY

There are several existing problems in systems used to query movie information, including:

Data Integration: Many movies have information stored across multiple systems or formats, which can make it difficult to integrate data and query it efficiently. This can lead to errors and inconsistencies in the data.

Limited Querying Capabilities: Many systems for querying movie information have limited querying capabilities, which can make it difficult to extract meaningful insights from the data. Users may have to manually process and manipulate the data to get the desired results.

Poor Data Quality: movie data is often subject to errors, inconsistencies, and omissions, which can lead to inaccurate or incomplete results when querying the data. This can be due to data entry errors, data processing errors, or other issues.

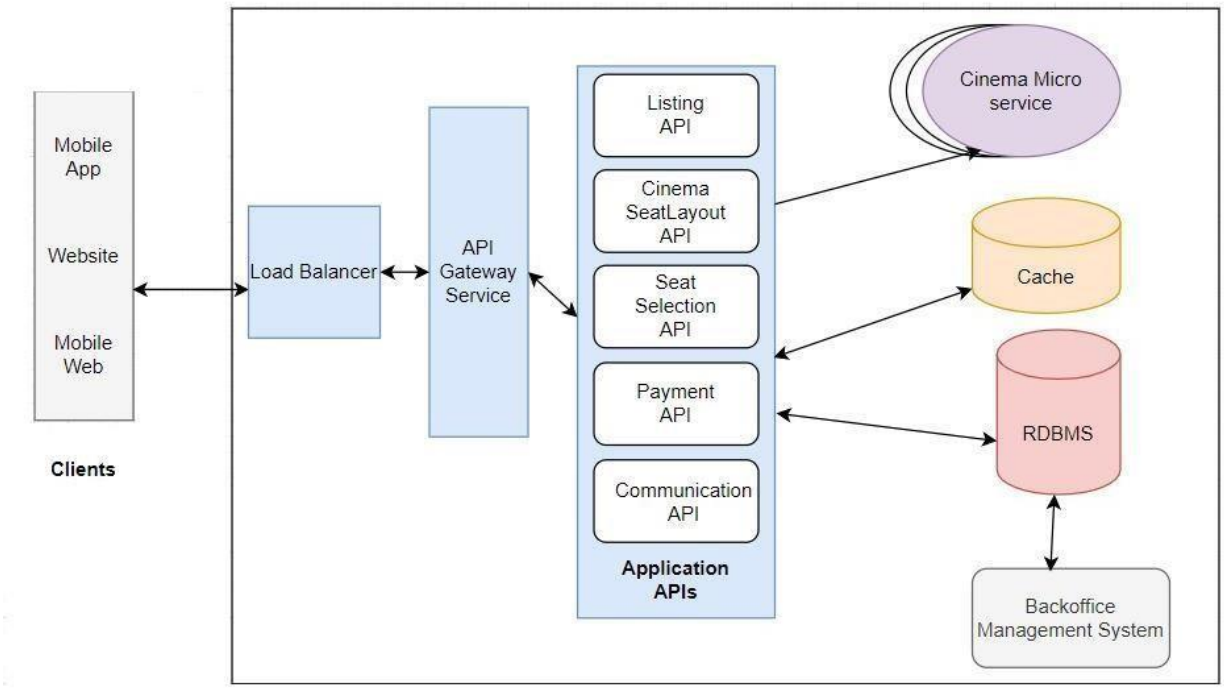
Lack of Customization: Many movie querying systems do not allow for customization, which can make it difficult to tailor the system to specific needs or requirements. This can limit the system's usefulness for certain types of portfolios or investment strategies.

Security Concerns: Querying movie information can raise security concerns, as it may involve sensitive financial data that needs to be protected from unauthorized access or use. This requires appropriate security measures such as encryption, access controls, and user authentication.

Limited Integration with Other Systems: Many movie querying systems are not well integrated with other systems used in movie management, such as trading systems or risk management systems. This can make it difficult to coordinate and integrate movie management processes.

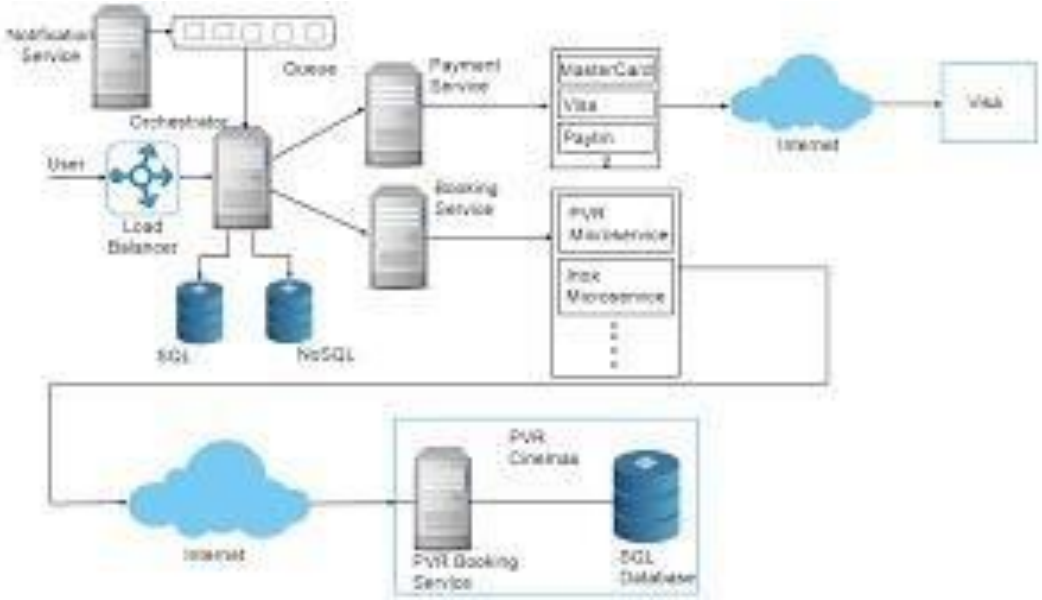
CHAPTER 3 SYSTEM ARCHITECTURE AND DESIGN

3.1 Architecture Diagram



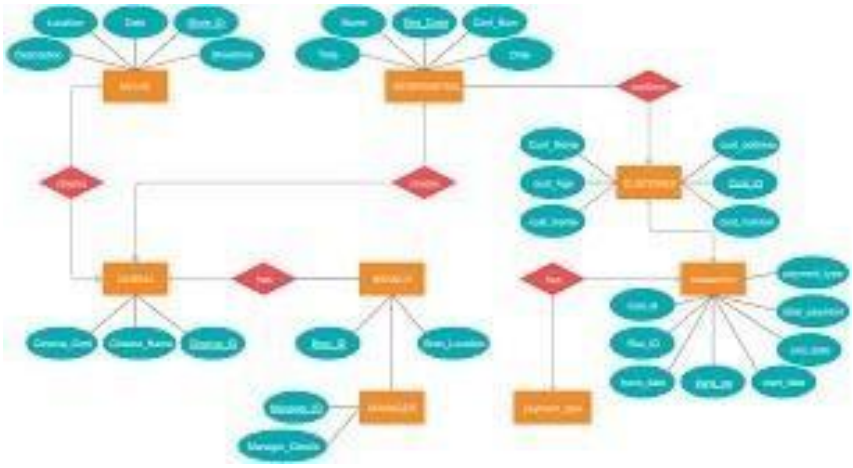
3.1.1 Front End (UI) Design

3.1.2 Back End (Database) Design

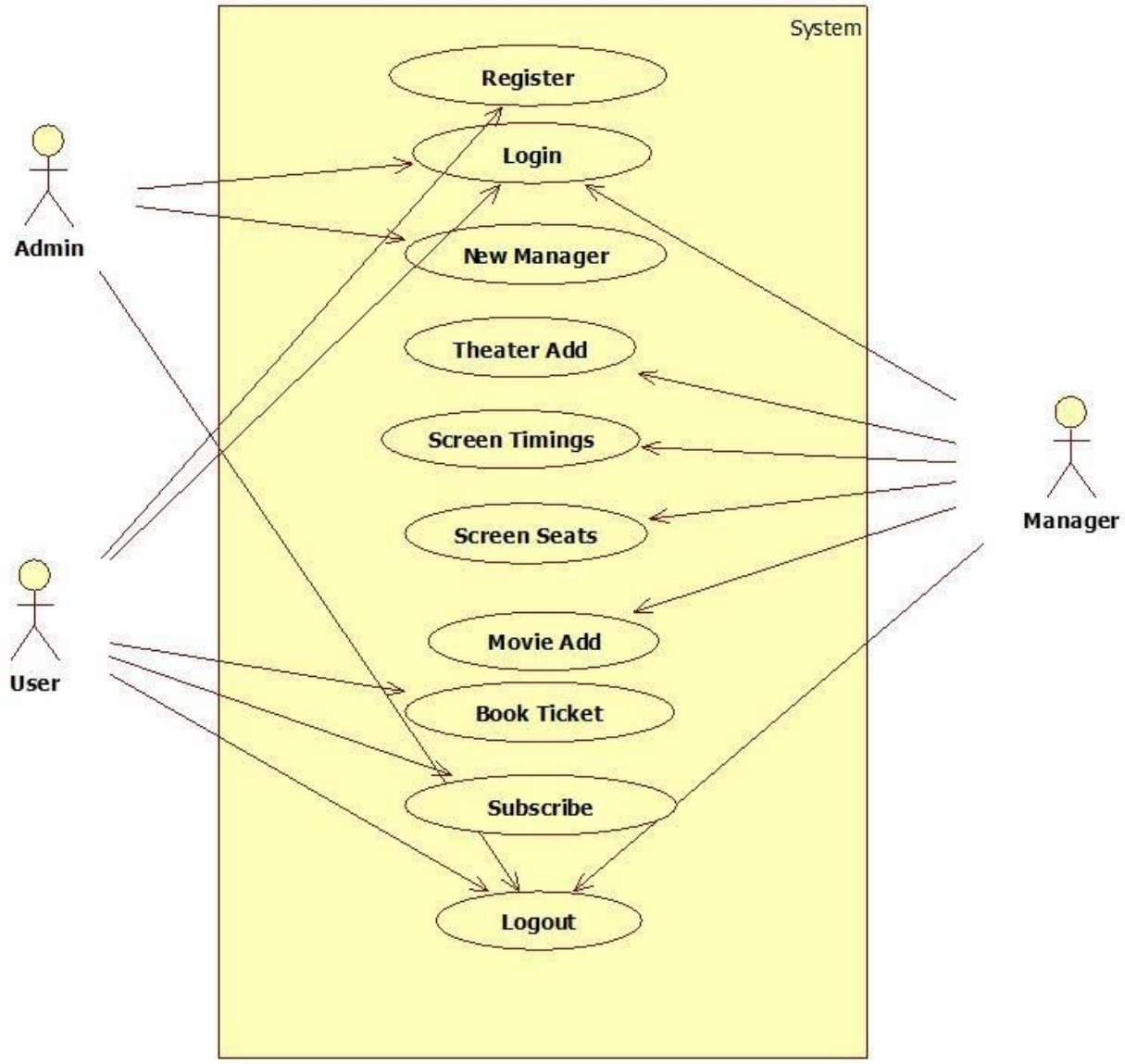


3.2 ER Diagram and Use Case Diagram

3.2.1 ER Diagram



3.2.2 Use Case Diagram



CHAPTER 4 MODULES AND FUNCTIONALITIES 4.1 MODULES

Application Module: This is the main application through which the code is running and getting deployed. It utilizes streamlit to deploy the program and connects the code to the database using an GPT-3 LangChain Model.

Template Module: The template module is used to have a frontend segment for our model and provide a submission box where the user can enter his/her query and receive the necessary output from the database of portfolios.

Data Module: Contains the exhaustive list of data points of our database that can be used to make informed decisions and queries regarding it.

4.2 FUNCTIONALITIES

Data Retrieval: A query allows users to retrieve ticket data from various sources such as APIs or data feeds. Users can specify the data they want to retrieve based on various criteria such as date range, security type, asset class, or region.

Data Filtering: A query allows users to filter ticket data based on specific criteria. Users can filter data based on various factors such as price, volume, market capitalization, or risk level.

Data Analysis: A query allows users to analyse ticket data using various analytical tools such as risk analysis, performance analysis, and asset allocation analysis. Users can use these tools to gain insights into their investment portfolios and make informed investment decisions.

Customization: A query allows users to customize their queries based on their specific needs. Users can define their query criteria, choose their data sources, and select their analytical tools.

Export and Sharing: A query allows users to export ticket data and share it with others. Users can export ticket data in various formats such as CSV, Excel, or PDF and share it with colleagues, clients, or partners.

Alert and Notification: A query allows users to set up alerts and notifications based on specific criteria. Users can receive alerts about significant changes in their investment data, such as price movements or portfolio rebalancing recommendations.

CHAPTER 5 CODING

AND TESTING

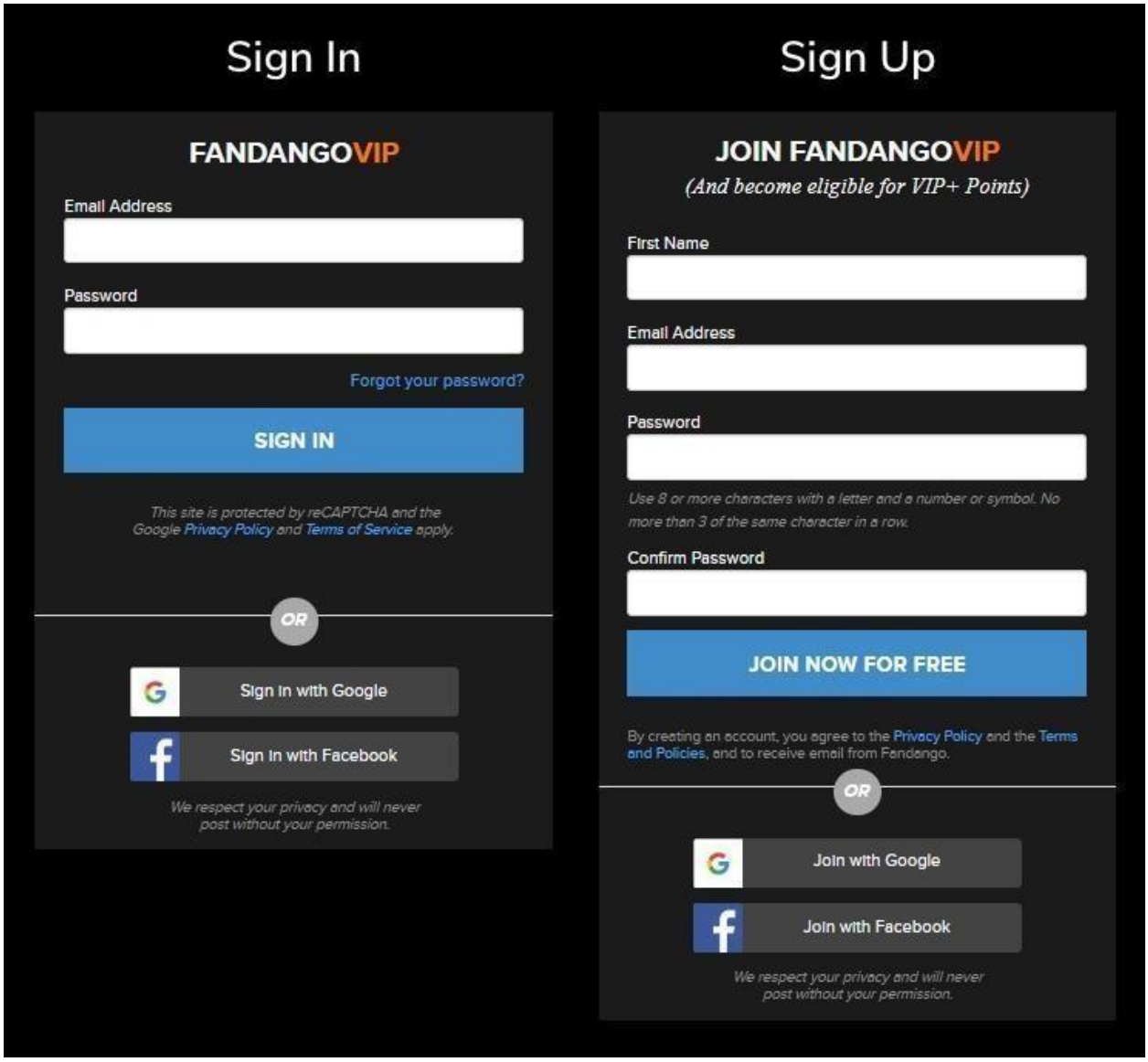
```
import streamlit as st
import openai from langchain.agents import

create_csv_agent from langchain.llms import

OpenAI


openai.api_key = "sk-
```

```
Aj4jAYxEcN1bf4PERIVjT3BlbkFJb3UudZWSI07bdZGs4m0b"  # Create the LangChain agent
agent = create_csv_agent(OpenAI(temperature=0, openai_api_key=openai.api_key),
'data/Samsung_Stock_Prices.csv', verbose=True)

# Define the Streamlit app def
app():
    st.title("DBMS Mini Project Demonstration")

    # Input for user query     user_query = st.text_input("Enter
your query", "")

    # Button to submit query     if
st.button("Submit"):        result =
agent.run(user_query)
st.write("Result:")
st.write(result)   if __name__ ==
'__main__':
    app()
<!DOCTYPE html>
<html>
```

```
<head>
    <title>Samsung PRISM Demo</title>
</head>
<body>
    <h1>LangChain Demo</h1>
    <form method="post" action="/query">
        <input type="text" name="query" placeholder="Enter your query" required>
        <button type="submit">Submit</button>
    </form>
    <h2>Result:</h2>
    <p>{{ result }}</p>
</body>
</html>
```

CHAPTER 6

RESULTS AND DISCUSSIONS


Sign In
Sign Up
FANDANGOVIP
Email Address
Password
Forgot your password?
SIGN IN
This site is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply.
OR
Sign in with Google
Sign in with Facebook
We respect your privacy and will never post without your permission.
JOIN FANDANGOVIP
(And become eligible for VIP+ Points)
First Name
Email Address
Password
Use 8 or more characters with a letter and a number or symbol. No more than 3 of the same character in a row.
Confirm Password
JOIN NOW FOR FREE
By creating an account, you agree to the Privacy Policy and the Terms and Policies, and to receive email from Fandango.
OR
Join with Google
Join with Facebook
We respect your privacy and will never post without your permission.

CHAPTER 7 CONCLUSION AND FUTURE ENHANCEMENTS

CONCLUSION:

1. Summarize the project's goals, objectives, and accomplishments.
2. Reflect on the project's strengths, weaknesses, opportunities, and threats.
3. Evaluate the project's success using metrics such as cost, time, quality, and customer satisfaction.
4. Acknowledge the contributions of the project team and stakeholders.

FUTURE ENHANCEMENTS:

1. Conduct a needs assessment and gather feedback from stakeholders to identify areas for improvement.
2. Implement a system for tracking and analysing data to improve functionalities.
3. Develop a mobile app or web portal that allows people to schedule appointments, receive notifications, and view their stock history.
4. Integrate the portfolio management system with HFTs to improve the quality and safety of the portfolio itself.
5. Enhance the system's security features to protect stock information and prevent data breaches.

These are just a few ideas for future enhancements. The key is to prioritize the enhancements based on their potential impact and feasibility and to involve stakeholders in the planning and implementation process.

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