

Asset Management System

Introduction

ABC is an asset management company that manages the wealth of its clients by investing their money in a variety of asset classes, such as stocks, bonds, real estate, and others. As a result, its customers can enjoy higher diversification and enhanced investment opportunities. ABC offer their customers the option of setting up personal accounts and investing in different options offered by the company. This project aims to design and develop a database to maintain a record of its customers and the schemes that they have opted to invest their funds in. It also provides information regarding the profit and loss of the opted scheme, status of the funds, and new schemes available.

Functionalities of the system

The system will be used to track and manage all kinds of investments, including stocks, bonds, real estate, commodities, alternative investments, and mutual funds, among the better-known choices. It is also used to determine to realize the client's financial goals within the limits of the client's risk tolerance.

The User will be able to:

- 1) Allow users to register and add the money they are willing to invest.
- 2) It will provide different schemes, or in other words it will show the user all the different options of investment.
- 3) Once the user invests in a certain scheme, it will keep them updated with all the information they need about the investment, including change in the profit/loss.
- 4) It will have the option to remove money from a certain scheme and reinvest it in a different scheme after a specific time period.
- 5) User will be able to view the status of their investment at any time.
- 6) *The system will provide tips for investment based on market trends. This will be helpful for users who are unsure what to invest in and are new.

The admin will be able to:

- 1) Provide a list of schemes available to the customer.
- 2) Add/remove schemes.

- 3) Approve any investment decisions made by the customer.
- 4) Update the customer's personal details.
- 5) Publish any important announcements.

*Any investment made by the user is at their own risk, and the asset management system is not responsible for any losses/damages.

Modules in the System

The Modules included in Asset Management System for:

>> Admin <<

Customer_details Module. (To provide all Customer details + schemes opted to admin)

Add_scheme Module. (To add a new scheme in which customers can invest in)

Remove_scheme Module. (To remove an existing scheme and inform customers about its discontinuation)

Approve_customerScheme Module. (To approve customer(s) for investing in specific scheme(s))

Remove_customerScheme Module. (To remove customer(s) from a specific scheme)

Update_personalchanges Module. (To update the changes requested by customer(s) regarding personal details)

Update_otherchanges Module. (To approve the changes requested by customer(s) regarding time duration, amount changes etc. after the scheme has been initiated)

Publish_announcement Module. (To publish any announcement(s) to customers)

>> Customers <<

Logging_in Module. (To login and check all your investments and utilize all other features)

Register Module. (To create a new account to invest from, for a new user)

Invest Module. (To fill up the essential details and deposit money into specific asset(s))

Choose_scheme Module. (To choose Single / Multiple asset(s) as per choice to invest in)

Check_profitLoss Module. (To check the current profit / loss status of an asset)

Track_status Module. (To track the past to present values of an asset)

Checkout Module. (To remove deposited amount from a previously invested asset)

Change_scheme Module. (To move from one scheme to another as per choice)

Benefits of the System

Asset Management System changes the experience of trading and investing. Users can have all their asset organized properly on a server database which helps in real-time data collection.

Administrator and Client can interact in a better way which will help in resolving issues quicker, if any. Customer can keep track of their complete Portfolio at one place and thus invest/trade more wisely in schemes that are best for them.

With regular updates no one will miss on any new schemes that are being introduced in the market.

This System will also help in reducing the transaction cost that customer usually must give every time he/she changes the platform to invest their money in a different scheme.

Name of the Team

Sno	Roll No	Name	Role
1	CB.EN.U4CSE20250	Rishi Kunnath	Leader
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3	CB.EN.U4CSE20212	Bhavvuk D Kalra	Developer
4	CB.EN.U4CSE20235	Mahasri V	Testing and Documenting

Development Platform

- For Database - SQL
- For User Interface – Java

Signature of Class Handling Faculty