

AI-Based Personal Finance Advisor Research Project

Sprint 1 Functional Document

1. Introduction:

Sprint 1 is focused on implementing the critical **layouts of the homepage** system and creating a **navigation includes clearly labelled tabs for Income, Stocks Budget, and Stocks** functionalities along with setting up the **Clerk user authentication** system in place to authenticate user for sign-in.

2. Product Goal:

The primary goal of this sprint was to **enhance the navigation of tools and streamline the process for data insertion from the users** for discovering their recommendations, contributing to overachieving the **objective of proving the users with personalized financial stock recommendation and data visualization** through the personal finance advisor.

3. Demography (Users, Location):

Target Users: , Retirees, Freelancers.

User Characteristics: Diverse age groups, Comfortable with web applications, focused on saving, budgeting, debt management, investing, Middle-income to high-income individuals.

Target Location: Worldwide

4. Business Processes of the project:

User Authentication

Dashboard for data visualization

Insertion of user data CRUD

Recommendation System

Prediction System

Error and Notification

5. Features

This sprint 1 will focus on implementing the following key features:

Homepage and Navigation system creation

Clerk Authentication login/signup

All routing pages setup

6. Assumptions

The development environment and infrastructure will remain stable during the sprint.

Team members possess the necessary skills and resources to complete the assigned tasks.

CRUD operations will be user inputted in this sprint.