

Code Documentation

Code Documentation for Virtual Stock Market App

1. Introduction

- Purpose: This document provides a comprehensive guide to the front-end code of the Virtual Stock Market App.
- Scope: Includes documentation for HTML, CSS, and JavaScript files.

2. File Structure

- index.html: The main HTML file containing the structure of the web application.
- styles.css: The CSS file providing styling for the HTML content.
- app.js: The JavaScript file adding interactivity and dynamic data handling.

3. Component Documentation

- HTML Components:
 - Header: Contains the app title and navigation links.
 - Main: Houses the primary content sections (Dashboard, Market, Learning, Profile).
 - Footer: Displays copyright and contact information.
- CSS Rules:
 - Describe the styling rules for each HTML component, including color schemes, layout, and responsive behavior.
- JavaScript Functions:
 - handleTransaction(stockId, action): Handles buy/sell actions in the Dashboard.
 - Additional functions for loading data, handling user interactions, and updating the UI.

4. Guidelines

- Coding Standards: Adhere to consistent naming conventions, code formatting, and comment structure.
- Commenting Practices: Provide clear and concise comments for complex logic or important code blocks.

5. Versioning and History

- Maintain a log of significant changes, bug fixes, and feature additions for each version of the code.

6. Contact and Support

- Provide information on how to get support or contribute to the project.