**SeedVest Application**

**Detailed Documentation for detail.html**

Introduction

This detailed documentation covers the detail.html file, explaining its HTML structure, style implementations, scripting functionalities, and user interface elements.

Detailed File Structure

Head

Contains meta tags for character set, viewport settings for responsiveness, links to external stylesheets (Bootstrap and custom CSS), and scripts.

Style

Defines CSS variables, gradient backgrounds, dark mode styles, layout adjustments, and styling for interactive elements like buttons and forms.

Sidebar Navigation

Provides navigation links to other pages within the application, enhancing user navigation across different functionalities.

Main Content

Varies per page but generally includes dynamically loaded content, forms, data presentation elements (charts, tables), and interactive components.

Scripts

Includes JavaScript code to handle events, fetch data from external APIs, manage interactivity such as form submissions, data visualizations, and UI state changes.

Page-Specific Purpose

This page provides detailed insights into individual stocks including price movements, key financial stats, interactive historical price charts, and recent news articles.

Detailed Functional Breakdown

- Dynamic retrieval of latest and historical stock data.

- Interactive price charts using Chart.js.

- Real-time currency conversion via external API.

- Fetching and displaying recent related news articles.

User Interaction and Use Cases

- Analyzing stock performance.

- Reading news specific to the chosen stock.

**Detailed Documentation for index.html**

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Main Content

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Scripts

Includes JavaScript code to handle events, fetch data from external APIs, manage interactivity such as form submissions, data visualizations, and UI state changes.

Page-Specific Purpose

Acts as the main entry point, offering personalized greetings, and showcasing real-time updates of selected top-performing stocks for quick insights.

Detailed Functional Breakdown

- Dynamic greeting messages based on the time of day.

- Real-time stock snapshot display with price and performance indicators.

- User-controlled dark mode feature.

User Interaction and Use Cases

- Quick market overview.

- Navigating to detailed pages for more information.

**Documentation for login.html**

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Sidebar Navigation

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Main Content

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Scripts

Includes JavaScript code to handle events, fetch data from external APIs, manage interactivity such as form submissions, data visualizations, and UI state changes.

Page-Specific Purpose

Handles user authentication, providing forms for secure login and registration, along with user feedback for successful or unsuccessful authentication attempts.

Detailed Functional Breakdown

- User session management through PHP.

- Secure form validation and error feedback mechanism.

- User account creation and authentication management.

User Interaction and Use Cases

- Securing access to personal account features.

- Creating a new user account.

**Documentation for news.html**

Introduction

This detailed documentation covers the news.html file, explaining its HTML structure, style implementations, scripting functionalities, and user interface elements.

Detailed File Structure

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Contains meta tags for character set, viewport settings for responsiveness, links to external stylesheets (Bootstrap and custom CSS), and scripts.

Style

Defines CSS variables, gradient backgrounds, dark mode styles, layout adjustments, and styling for interactive elements like buttons and forms.

Sidebar Navigation

Provides navigation links to other pages within the application, enhancing user navigation across different functionalities.

Main Content

Varies per page but generally includes dynamically loaded content, forms, data presentation elements (charts, tables), and interactive components.

Scripts

Includes JavaScript code to handle events, fetch data from external APIs, manage interactivity such as form submissions, data visualizations, and UI state changes.

Page-Specific Purpose

Displays the latest news and top stock information tailored to user-selected regions, enabling quick market trend analysis.

Detailed Functional Breakdown

- Dynamic fetching of news articles based on selected country.

- Real-time stock quotes and clickable stock items linking to detail pages.

User Interaction and Use Cases

- Quick glance at market trends.

- Accessing in-depth news articles.

**Documentation for portfolio.html**

Introduction

This detailed documentation covers the portfolio.html file, explaining its HTML structure, style implementations, scripting functionalities, and user interface elements.

Detailed File Structure

Head

Contains meta tags for character set, viewport settings for responsiveness, links to external stylesheets (Bootstrap and custom CSS), and scripts.

Style

Defines CSS variables, gradient backgrounds, dark mode styles, layout adjustments, and styling for interactive elements like buttons and forms.

Sidebar Navigation

Provides navigation links to other pages within the application, enhancing user navigation across different functionalities.

Main Content

Varies per page but generally includes dynamically loaded content, forms, data presentation elements (charts, tables), and interactive components.

Scripts

Includes JavaScript code to handle events, fetch data from external APIs, manage interactivity such as form submissions, data visualizations, and UI state changes.

Page-Specific Purpose

Empowers users to manage their watchlists and investment portfolios, providing real-time valuation in user-selected currencies.

Detailed Functional Breakdown

- Watchlist management allowing addition and removal of stocks.

- Portfolio tracking with dynamic currency conversion.

- Live updates of stock prices with user interaction.

User Interaction and Use Cases

- Managing investment watchlists.

- Monitoring portfolio performance.

**Documentation for pro.html**

Introduction

This detailed documentation covers the pro.html file, explaining its HTML structure, style implementations, scripting functionalities, and user interface elements.

Detailed File Structure

Head

Contains meta tags for character set, viewport settings for responsiveness, links to external stylesheets (Bootstrap and custom CSS), and scripts.

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Defines CSS variables, gradient backgrounds, dark mode styles, layout adjustments, and styling for interactive elements like buttons and forms.

Sidebar Navigation

Provides navigation links to other pages within the application, enhancing user navigation across different functionalities.

Main Content

Varies per page but generally includes dynamically loaded content, forms, data presentation elements (charts, tables), and interactive components.

Scripts

Includes JavaScript code to handle events, fetch data from external APIs, manage interactivity such as form submissions, data visualizations, and UI state changes.

Page-Specific Purpose

Describes enhanced features available through paid subscription options, detailing benefits, pricing, and providing interfaces for plan selection.

Detailed Functional Breakdown

- Clear presentation of subscription features and benefits.

- Interactive pricing plans allowing users to select subscription levels.

- Enhanced user experience through detailed descriptions of Pro features.

User Interaction and Use Cases

- Upgrading to access advanced analytics.

- Exploring premium benefits and features.