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Senior Project Design

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This week I worked on putting up some last finishing touches on my homepage. I also worked on getting the firebase authentication to work but it is giving me some difficulty, so I am going to work on that more this week. I have made little progress with the stock Market pattern recognition this week, but I am going to work on it heavily this week. With UCD right around the corner I do have an outline of how my presentation should go but I am thinking of reducing some stuff in it to make the presentation more concise and keep the attention of the audience.

UCD Presentation Outline:

 Introduction:

* Briefly introduce the project.
* Mention the purpose and goals of the project.
* Provide an overview of the technologies used (e.g., React, Flask, SQLAlchemy).

 Web Application Overview:

* Describe the web application's main features and functionalities.
* Highlight key components such as the login/registration system, stock market data visualization, and any other relevant features.

 Frontend Implementation:

* Discuss the front-end implementation using React.js.
* Explain the structure of the React components.
* Highlight the navigation bar, homepage layout, and any other significant frontend elements.
* Include screenshots or demonstrations of the user interface.

 Backend Implementation:

* Describe the backend implementation using Flask and SQLAlchemy.
* Explain the database structure and the User model.
* Discuss the login and registration system.
* Mention any APIs or external services integrated into the backend.

 Stock Market Data Visualization:

* Explain how stock market data is fetched and displayed.
* Discuss the use of external APIs or libraries for retrieving stock data.
* Showcase examples of stock charts and graphs generated in the application.

 Styling and Design:

* Describe the styling choices and design principles used in the project.
* Discuss the color scheme, layout, and overall aesthetics of the web application.
* Include screenshots or examples of styled components and pages.

 Challenges and Solutions:

* Highlight any challenges faced during development.
* Discuss how these challenges were addressed or mitigated.
* Share insights gained from overcoming obstacles.

 Future Enhancements:

* Outline potential future enhancements or features.
* Discuss areas for improvement or expansion.
* Share ideas for additional functionalities to enhance the user experience.

 Conclusion:

* Summarize the key points of the presentation.
* Reflect on the overall success of the project.
* Thank the audience and inviting questions.

 References:

* Include any references to external resources, libraries, or APIs used in the project.