**A picture containing graphical user interface

Description automatically generatedAdam Piasecki**

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tradegame.org – final proposal

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**OVERVIEW**

Tradegame is an online platform which allows users to take part in an investment contest. Eeach individual receives starting amount of virtual $100,000 and access to live asset data – users can see their performance in comparison to other investors on the score board and chat between each other. Portfolios and assets of selected users are visible to everyone. Portfolio reset to original $100,000 value is also available for those users who would like to start the game again.

**GOALS**

1. Create views/layouts(including data display in chart format)
2. Implement secure form of authentication for both users and admin accounts
3. Create tests and follow TDD principles
4. Create chat/conversation option between users
5. Connect to external API (live market data)
6. Design and implement appropriate database to store all user inputs
7. Deploy

**SPECIFICATIONS**

Tradegame will be built with use of node.js. External API connection will allow live data display. Database (possibly MongoDB) will store user investment selection. Chat option will of course allow investors to communicate.

**MILESTONES**

**Connect to external API**

There is several API’s allowing access to live market data. Further investigation is necessary in order to choose best (developer friendly) environment which will successfully work with this application.

**Create chat**

Investors with lesser experience will certainly have questions to users with significantly grown portfolios. Chat option is required for educational communication, but also it leaves open doors for further development of the application (professional financial advice).