



NW Market Assistant

ASE 485 Capstone
Individual - Josh Lohner



Project Overview

- Use a Previously Existing Market API (NW Market)
- Transform and Analyze Data
- Provide a User-Friendly GUI
- Assist the User in Making Good Decisions

What is New World?

New World is an MMORPG -
Massively Multiplayer Online
Role Playing Gaming

- Large amounts of players
- Player run market
- Resource based system



Why My Project is Needed?



The current market in the game is terrible

- No History
- No Graphs
- Scattered Information



What my Project Does

- My project will combine commonly occurring data
- Display it in a helpful manner (graphs)
- Easy access to information of interest
- Customization of appearing information



Architecture

- Use a Local Database that is updated with the API as the program is being used
- Store lots of data that increase over time to provide more accurate representations
- Use a pre-existing api specifically for this game



Future Plans

- Implement either online voting or AI/ Machine learning to determine when an object is ideal to buy/sell
- Notifications

Numbers

Total LOC: 119

Burndown: 11%

1/9 Requirements

Test Percentage: 0%

Milestones

Prototype: 3/31

1st Version: 4/7

Final Version: 4/21





Milestones

Current:

- Finish the Basic UI Layout

Next:

- Finish the API Helpers