Discord Bot
Milestone 3

C++ Group 3
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Technology Stack and Tool Chain

Programming Language: C++

Technology Stack:

- Visual Studio:
  - Used for coding the bot through the Aegis.cpp library
- Github:
  - Project work is shared on the repository so that everyone can access one another's contributions
- Discord Developer Portal
  - Bot information is stored here
- Proto.io
  - Used for developing a GUI prototype of the app

Responsibilities

Rocco - Filework, bot testing, development

Lucas - Formatting, bot testing, development

Roland - Encounters, bot testing, development

Maggie- Prototyping, bot testing, development

Technology/Devices

Lucas - Dell laptop running Windows 10
  VS Code
  Visual Studio
  PuTTY
  FileZilla
Roland - PC running Windows 10
  VS Code
  Visual Studio
  Git CMD/Command Prompt
Rocco - Dell laptop running Windows 10
  VS Code
  Visual Studio
Maggie - HP Laptop running Windows 10
  VS Code
  Visual Studio
  Git Bash/Command Prompt
  Proto.io

Next Milestone

Milestone 4 - Bot is more polished

- Following functions are formatted and accessible
    - Start -Reads a welcome message and adds user info to a file
    - Shop - outputs items for purchase as well as price
    - Profile - outputs player level, gold, health, and items
    - Help - outputs a list of player commands
    - Buy - subtracts gold amount and adds item to inventory
    - Sell- removes item from inventory and adds gold
    - Adventure- outputs randomly generated encounters causing the player to gain loot and/or lose health
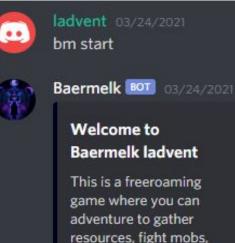
Git Repo Walkthrough

https://github.com/roland199/CS3560-C--group-3.git

- Branches:
  - Main
    - Contains source code, milestone powerpoint, and README.md
    - Individual contributions are merged into the main_minimal.cpp file
  - Aegis
    - Aegis library
  - Encounters
    - Minimal file with added encounters
  - Filework
    - Minimal file with filework saving user information to a file
  - Format
    - Minimal file with formatting for command outputs
  - Prototype
    - GUI prototype for Baermelk

Project Demo

GUI Prototype Walkthrough

Link: https://pr.to/WJW73B/