

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

 **rpearce** Today at 5:20 PM
bm profile

 **Baermelk** BOT Today at 5:20 PM

Profile

Level:

24

Gold:

3333

Health:


35


Sword:

yes

Armor:

no

 **Zane** 03/31/2021
bm help

 **Baermelk** BOT 03/31/2021

List of Commands

'bm shop'

Shows all available items to purchase

'bm adventure'


May encounter dangerous mobs and/or find loot

'bm buy [item]'

Purchase items in the shop

'bm sell [item]'

Sell items you own

 **Zane** 03/31/2021
bm shop

 **Baermelk** BOT 03/31/2021

Shop

Sword	Bow	Arrows
100 Gold	50 Gold	25 Gold
Armor	Health Kit	Bandages
200 Gold	100 Gold	50 Gold

 **ladvent** 03/24/2021
bm start

 **Baermelk** BOT 03/24/2021

Welcome to Baermelk ladvent



This is a freeroaming game where you can adventure to gather resources, fight mobs, and gain experience to defeat the main boss, BaerMelk.

Ready to get started?

Type 'bm help' to get a full list of commands

GUI Prototype Walkthrough

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

