IRIS NICOLE CARSON   4 BS CpE   January 30, 2022
ANTONIO RAFAEL CASTRO
JOSHUA MANUEL LOUISE KEMPIS

Project 1 First Progress Report

Rudimentary Shell Interpreter

Create GitHub Project Repository

To provide a platform for code collaboration and exchange of file versions for the necessary files in the project, a GitHub repository was created and sent to each member of the group as a collaborator. This repository will contain the program files used for the project.

Draft C++ Program

A simple getline(); program was created which currently accepts two commands "help" and "exit" which performs the basic task of displaying all available commands, and terminating the program respectively.

```
(base) jaym1@Joshuas-Mac-mini engg126-project1-cck % '/Users/jaym1/Desktop/ENGG126
/engg126-project1-cck/draft'

[CMD] : help

Lists of possible commands:
* help          - displays the lists of commands
* exit          - closes the program

[CMD] : exit
Exiting...
(base) jaym1@Joshuas-Mac-mini engg126-project1-cck %
```

Conclusion

The project as of the moment is around 5% complete. There is still a bit more that needs to be understood along UNIX-based commands and how a basic shell interface works.

Task	Description	Status
Project Research	Search and familiarize UNIX based commands and how virtualizing a shell would work in a C++ program	ONGOING
Preliminary Code Implementation	Begin Coding the basic structure of the project	ONGOING
Basic Input Commands	Recognize basic user inputs in the program loop. Implement a user-input termination command.	TBD
Output & Feedback	Produce feedback and outputs in the program	TBD
Debugging	Code polishing	TBD