**User’s Manual**

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2. Overview of the OS

PotatOS is an operating system simulator created for Professor Bowe’s operating systems class. It utilizes a menu from which the user can choose the action they wish to perform. These actions all have to do with actions that an operating system can perform, such as showing the date and making/scheduling processes.

3. Summary of Commands

Version - Displays version number of the operating system.

Date - Displays current date.

Directory - Show all files in the operating system’s directory.

Help - Displays help messages that describe the actions that you can perform.

PCB Menu – displays a menu of many PCB functions to perform.

Scheduler Menu – displays a menu of different process schedulers that the user can use .

Exit - Exits operating systems simulator.

4. Detailed Description of Each Command

Version displays the current version of the operating system by printing a string containing the version number.

Date displays the current date by using functions from the time.h header.

Directory displays all files on the OS’s directory by using windows.h.

Help prints strings containing explanations of each command.

PCB Menu lets the user interact with processes using commands such as suspend, resume, set priority, and displaying the PCBs.

Scheduler Menu allows the user to initiate a scheduling method. These read a list of processes from a file to use with scheduling. Then, each scheduler outputs messages to an output file showing the details of what happened during the scheduler.

Exit closes the simulator by using the exit function. It first asks if the user is sure if he/she wants to exit.

5. Summary of Error Messages

The OS only takes one character for its input. Entering inputs of more than one character may result in undesired effects.