USER'S MANUAL

Mpx Operating System

Cs 450 Spring 2016

Designed by:
 James Hochendoner
 John Gregg
 Kurtis Prendki
 Mark Giblin

Revision Sheet

Release No.	Date	Revision Description
Rev. 0	2/4/2016	Module 1 completion

User's Manual
Authorization Memorandum

We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

_____   _____
NAME   DATE
Group Member

_____   _____
NAME   DATE
Group Member

_____   _____
NAME   DATE
Group Member

_____   _____
NAME   DATE
Group Member

USER'S MANUAL

TABLE OF CONTENTS

1.0 GENERAL INFORMATION

1.0   GENERAL INFORMATION

1.1   System Overview

- This is the MPX operating system.
- This system will allow you to control your computer system through simple commands
- The design for this operating system build was created in C.
- The operating system is run in a Linux environment
- The system is booted using GRUB

1.2 Project References

References used for this system were slides provided in the CS450 class by Seth Theeke and Mason Greathouse.

1.3 Authorized Use Permission

Unauthorized duplication, distribution of this computer software is strictly prohibited.

1.4 Points of Contact

If any issues are found with this software and/or assistance is needed, call your mother because you're on your own.

1.5 Acronyms and Abbreviations

(Fill in later…)

2.0   SYSTEM SUMMARY

2.0   SYSTEM SUMMARY

2.1   System Configuration

This system will be used to demonstrate simple commands, and was designed to provide an experience in developing systems, and increase knowledge on how operating systems work with system hardware.
(will add more as time goes on).

2.2   Data Flows

At the moment simple data flows are being used from input to the keyboard and output to the computer screen.

3.0   GETTING STARTED

3.0   GETTING STARTED

3.1   Logging On

To access the operating system an emulator system is used and an emulated booting sequence is initiated.

3.2   Command Line

This system uses a command line interface. Simple commands can be used.

3.2.1 help

At any time while using this operating system you can type help and receive the list of commands that are available.

3.2.2 version

Shows the working version of the software.

3.2.3 setdate

Allows the user to set the date for the operating system.

3.2.4 getdate

Displays the date to the display.

3.2.5 settime

Allows the user to set the time for the operating system.

3.2.6 gettime

Displays the time to the display.

3.3   Exit System

3.3.1 shutdown

Will safely shutdown the operating system.