OPERATING SYSTEM TITLE TO BE TYPED USING ALL CAPITAL LETTERS

(VERSION)

A Research Presented to

the Faculty of the Graduate School

University of the Cordilleras

In Partial Fulfillment

of the Requirements for MIT C03

Advanced Operating System

by

FIRST NAME MIDDLE NAME LAST NAME

Month, Year of submission

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(Note: Use APA format for the references)

Advanced Operating System
Final Requirements

Parts of the Manuscript:

I. Introduction
   a. Background of the Study
      1. Explore the history of the OS being researched, its proponents (author/s), people who supported the OS (supporters), reasons it was derived, and the principles upon which it is designed (design principles).
      2. Indicate the programming language/s used in designing the OS, the year it was first release (OS kernel), its versions and updates in each version, and on what previous OS it was based.
      3. Indicate whether it is for desktop (workstation or server), mobile OS, or for other applications, and licensing.

   b. Components of the OS being researched
      1. Kernel - describe each component
      2. System Libraries
      3. System Utilities

   c. Structure of the OS – describe and show illustrations of the structure

II. System and Application Programs Supported
   a. System software
      - explain the use/function of every system program which includes screen shots such as device driver manager, file manager, memory manager (cache), networking, etc.
   b. Application software
      - explain the use/function of every application program which includes screen shots such as internet explorer, text editor, graphics editor, and the like.

III. System Components
   a. Process Management - include here process model, process environment, process context, threads, process scheduling, kernel synchronization, and type of multiprocessing. Include figure/ table if necessary.

   b. Memory Management - include here management of physical memory, virtual memory, swapping and paging, execution and loading of user programs (mapping of programs into memory). Include figure/ table if necessary.

   c. File Systems - include here virtual file system. Include figure/ table if necessary.

   d. Network structure – describe and include figure/ table if necessary.

   e. Security – describe and include figure/ table if necessary.

IV. Summary