**CSCI 447: Case Study**

**OS Chosen:**

**Student Name:**

# Introduction

Describe the chosen OS at high level, including which actual systems use it. Describe the main objectives of the OS.

Describe the structure of the OS, e.g., layered, micro kernel, modular, hybrid, etc.

Mention the actual implementation: which language(s) is used and the size of the code (number of lines).

~0.5 page

# CPU Scheduling

Describe the CPU Scheduling: the scheduling algorithm, data structures used, tuning or optimization, pros and cons, …

~1-1.5 pages

# Memory Management

Describe how the memory is managed: paged/segmented, virtual, …, and how it is implemented.

~1-1.5 pages

# File System and I/O

Describe the structure and implementation of the file system

~1-1.5 pages

# Conclusions

Summarize and critique this OS. Do you agree with all decisions made? What would you do differently and why?

~0.5 page

# References

Must list of all references used, including web pages.