**MINI OPERATING SYSTEM**

**Project Proposal**



**Fall 2022**

**CSE-302L Systems Programming Lab**

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“On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work.”

Submitted to:

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**PROPOSAL BY:**

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**ABSTRACT:**

Operating system is the building block of and computing machine. OS makes interacting with hardware extremely easy and much more efficient. We will make a mini operating system with a limited set of features.

**ARCHITECTURE:**

The architecture used will be a 32 bit x86 architecture.

**DEVELOPEMENT TOOLS:**

Tools required for the development of this OS include:

* NASM for organizing and assembling different files. (Assembly files)
* Xorriso for making iso file.
* Grub for making bootable file.
* Gedit as a code editor.
* Gcc for compiling c codes.

**FEATURES:**