

# **Operating Systems Term Project**

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## **Definition of the Project:**

Building an event simulator which is able to simulate typical events that can be seen in a modern operating system.

## **Summary of the initial submission:**

- Implementing the event types with enumerator
- Implementing the function of some events
- Creating of the event queue for further use
- Implementing creation of random events with their identifiers

## **Functional Requirements:**

Event simulator will be implementing the following functionalities;

- Address translation
- Timer interrupts
- Simple File System
- Memory allocations and file operations with traps
- Two scheduling algorithms
- Dump operations

