



# ***Project***

## **Project 1:**

Implement a multi-access threaded queue with multiple threads inserting and multiple threads extracting from the queue. Use mutex-locks to synchronize access to the queue. Document the time for 1000 insertions and 1000 extractions each by 64 insertion threads (Producers) and 64 Extraction threads (Consumer).

By person, Deadline: 10<sup>th</sup> week, submit the analytics, design, code, result, and conclusion.