CSE 598 Report : Assignment 2

Additional requirements of CSE 598 :

1. Accept multiple calls :

* When implementing multiple threads we need to use Mutex, because the EEPROM status and current read/write pointer is global and only one thread can change it at a time.
* We could maintain individual read and write global buffers for each thread.
* We need to have an individual work queue for each thread. For which we need to uniquely identify each thread.

2. Work on different EEPROM :

* We need to change the client address
* We need to also change the data format.
* The number of page available could be changed.
* The size of each page also could change.
* If multiple page write is supported it could be implemented in the code.