**REPORT**

1. ***ACCEPT MULTIPLE THREADS:*** 
   1. Implement a mutex lock for devices and grant access only to one thread at a time.
   2. When the device is locked, display EEPROM busy for other threads.
   3. Implement the same workqueue for all the threads and handle the work with a sequence and differentiate it by having a source id and destination id inside the work structure to differentiate the call from multiple threads.
   4. Use multiple output queues to store the output values as per the source id.
2. ***WORK ON A DIFFERENT EEPROM CHIP:***
   1. With the same code structure, just vary the client address as per the addressing of the EEPROM chip.
   2. Replace 512 with the EEPROM’s maximum page limit and 64 with EEPROM’s maximum page size.