* 1. **Problem Statement**

The task at hand will be to develop a pharmacy system using both a user and backend interface. It will effectively be used to allow interaction between customers, stores, company and warehouse. The system will use a comprehensive approach to minimize the effort between each interaction. The software will create use a flat file system that will be managed and updated to contain information about the inventories found at the warehouse, store and company level. Along with this, the system will be able to generate daily, weekly, monthly and yearly reports based on the transactions that occur at each level. These reports will be used to aid smaller functionalities involved in with the software.