* 1. **Problem Statement**

The task at hand will be to develop a pharmacy system that effectively allows interaction between customers, store(s), company and warehouse. The system will use a comprehensive approach to minimize the effort between each interaction and ultimately deliver prescriptions to the customer. The core of the system will be to maintain an updatable file system that will contain information on items found in the inventories of the warehouse, store(s)and company. Along with this, the system will be able to perform and trace transactions to generate reports that occur at each level. These reports will be used to aid other functionalities involved with the software.