

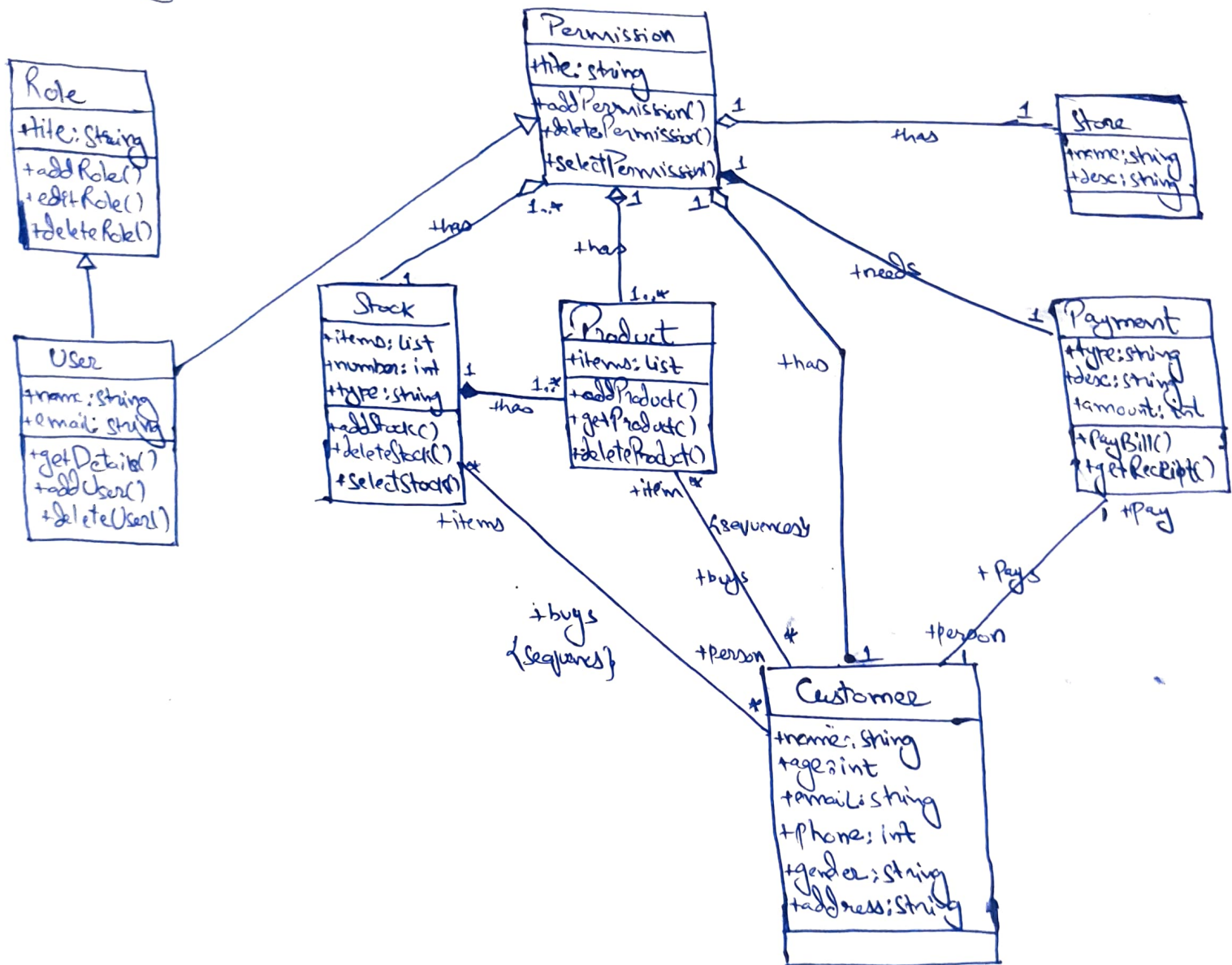
Stock Management System

* Problem statement:- Design UML diagrams for Stock Management System provided with system requirements.

* SRS

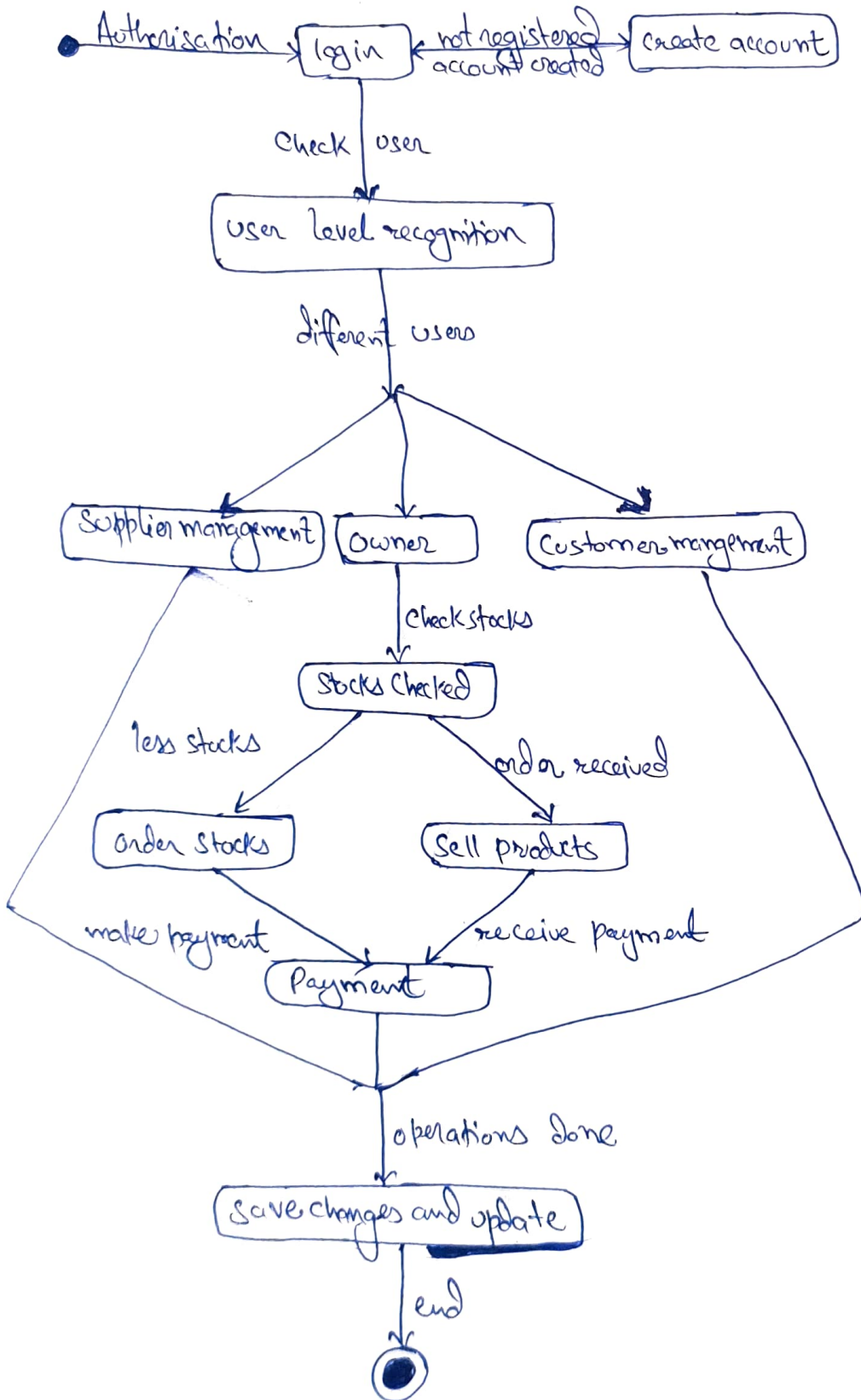
- The stock maintenance system will allow the employees to record information of the items available in the store.
- Generate reports based on the total amount of sales.
- The new system will have a windows-based desktop interface to allow employees to enter the information of sales, purchase orders, change employee preferences and create reports.
- The system retains information on all the items in the shop.
- The system retains the records of the cost, expiry date, vendor details, discount, quantity.
- The employee maintains the information of the sale of the item.
- The customer logs. He can add items at the right time and update the database.
- The customer can view the availability of the required items and the price of the items.
- The customer can just view them ~~but~~ but cannot make any changes.

* Class Diagram



Stock Maintenance System

* Simple State Diagram



Stock Maintenance System

Advance State Diagram

