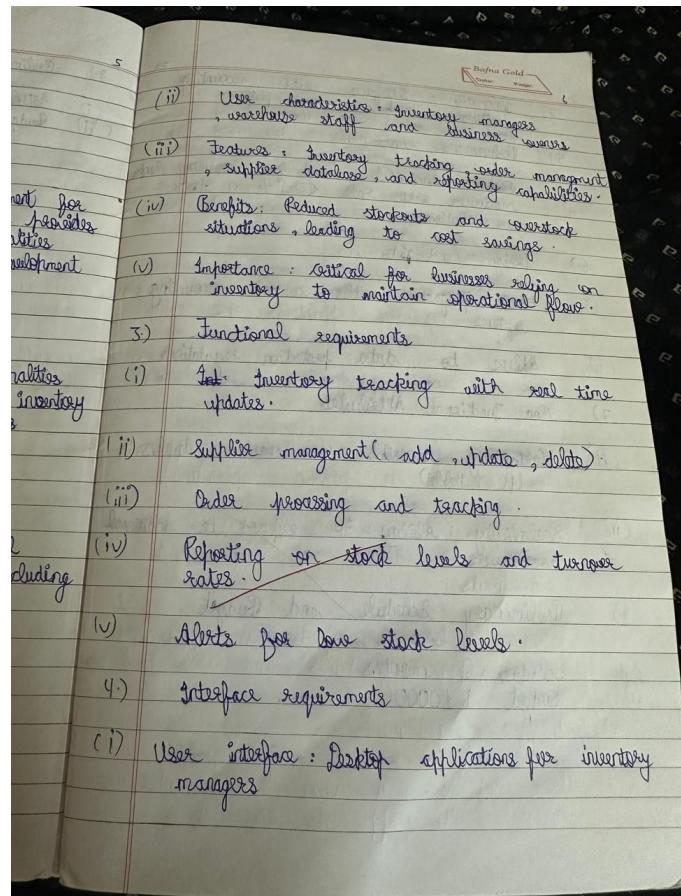
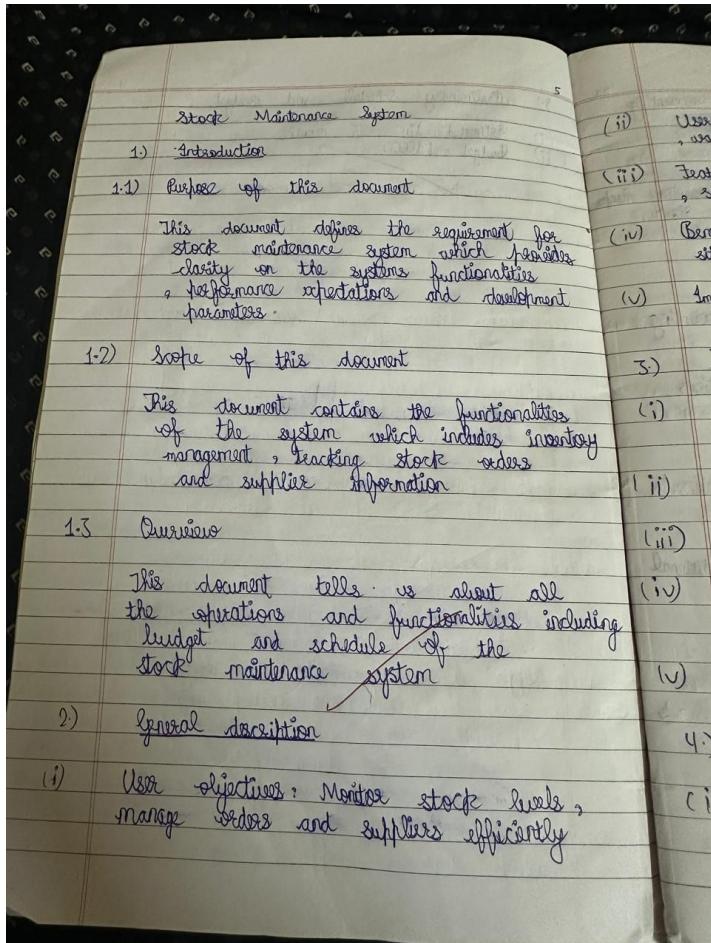


STOCK MAINTENANCE SYSTEM

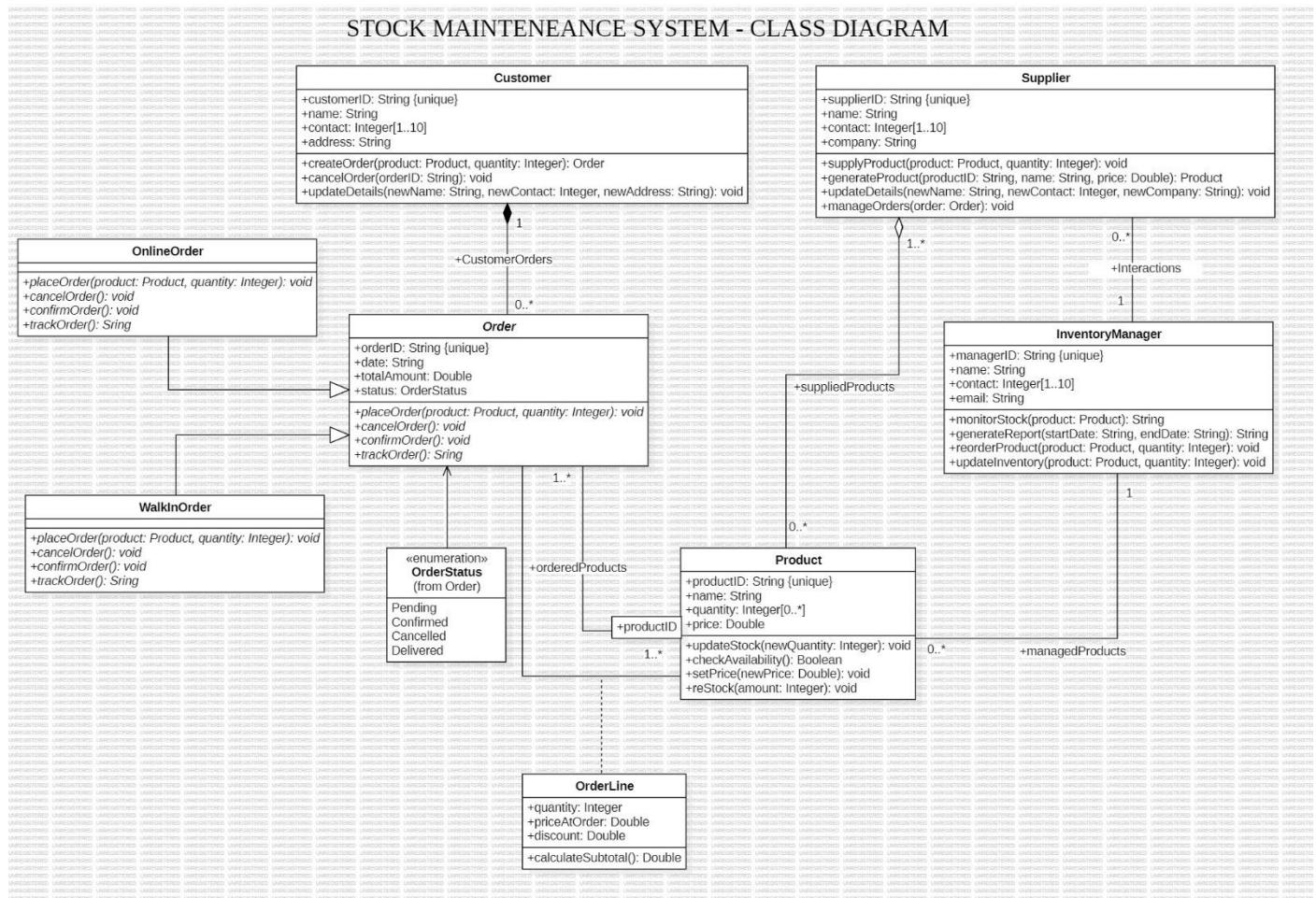
SOFTWARE REQUIREMENTS SPECIFICATION

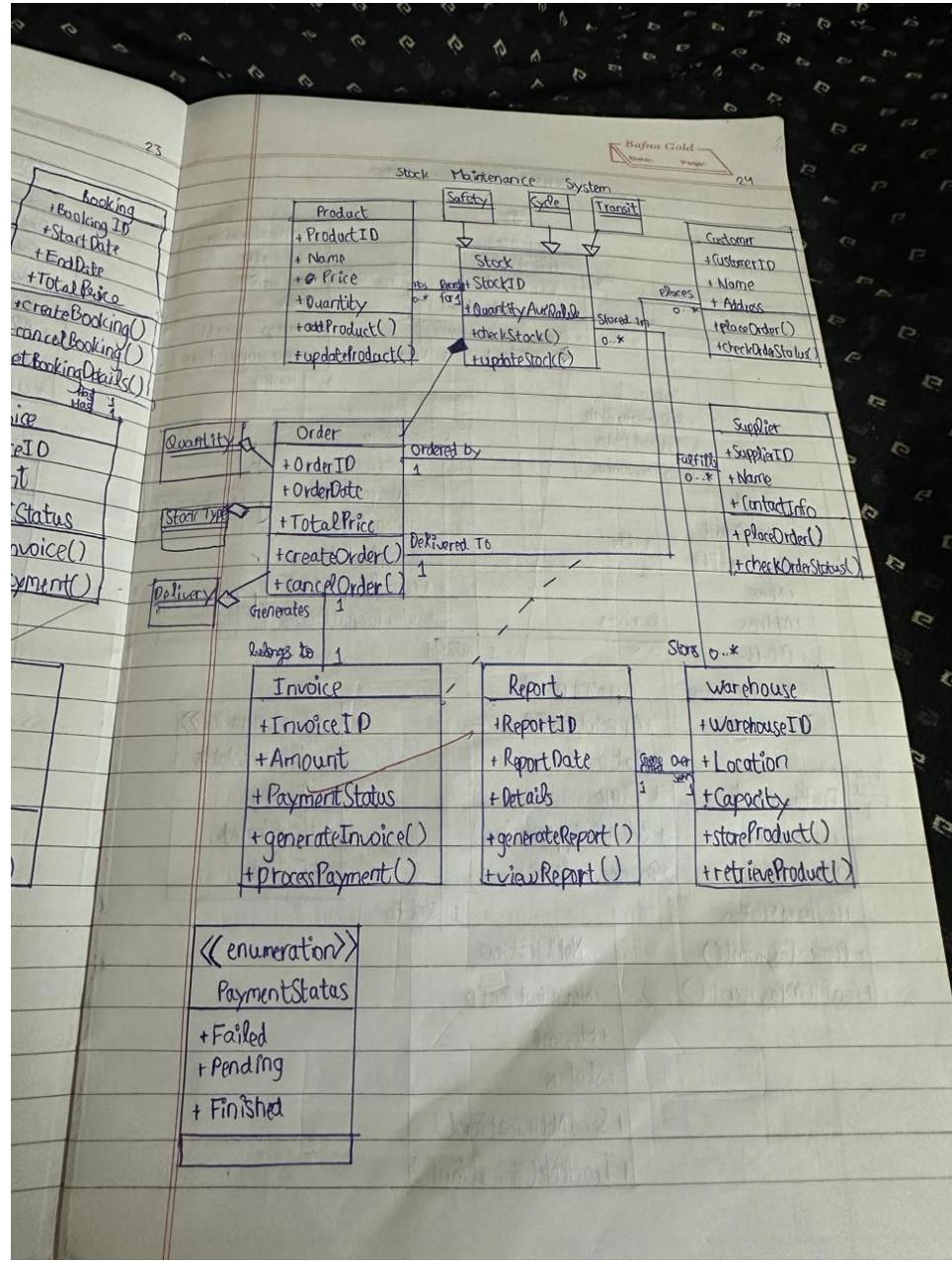


- (ii) Integration : Interfaces with accounting software and e-commerce platforms.
- 5.) Performance requirements
 - (i) Response time: < 1 second for inventory checks
 - (ii) Maximum error rate: < 0.1% in stock calculations
- 6.) Design Constraints
 - (i) Must integrate with current accounting systems.
 - (ii) Adhere to data protection regulations
- 7.) Non Functional Attributes
 - (i) Portability : Accessible on various devices (PC, tablet)
 - (ii) Scalability : Ability to expand to additional warehouses
- 8.) Preliminary Schedule and Budget
 - (i) Schedule: 6 months
 - (ii) Budget: \$100000

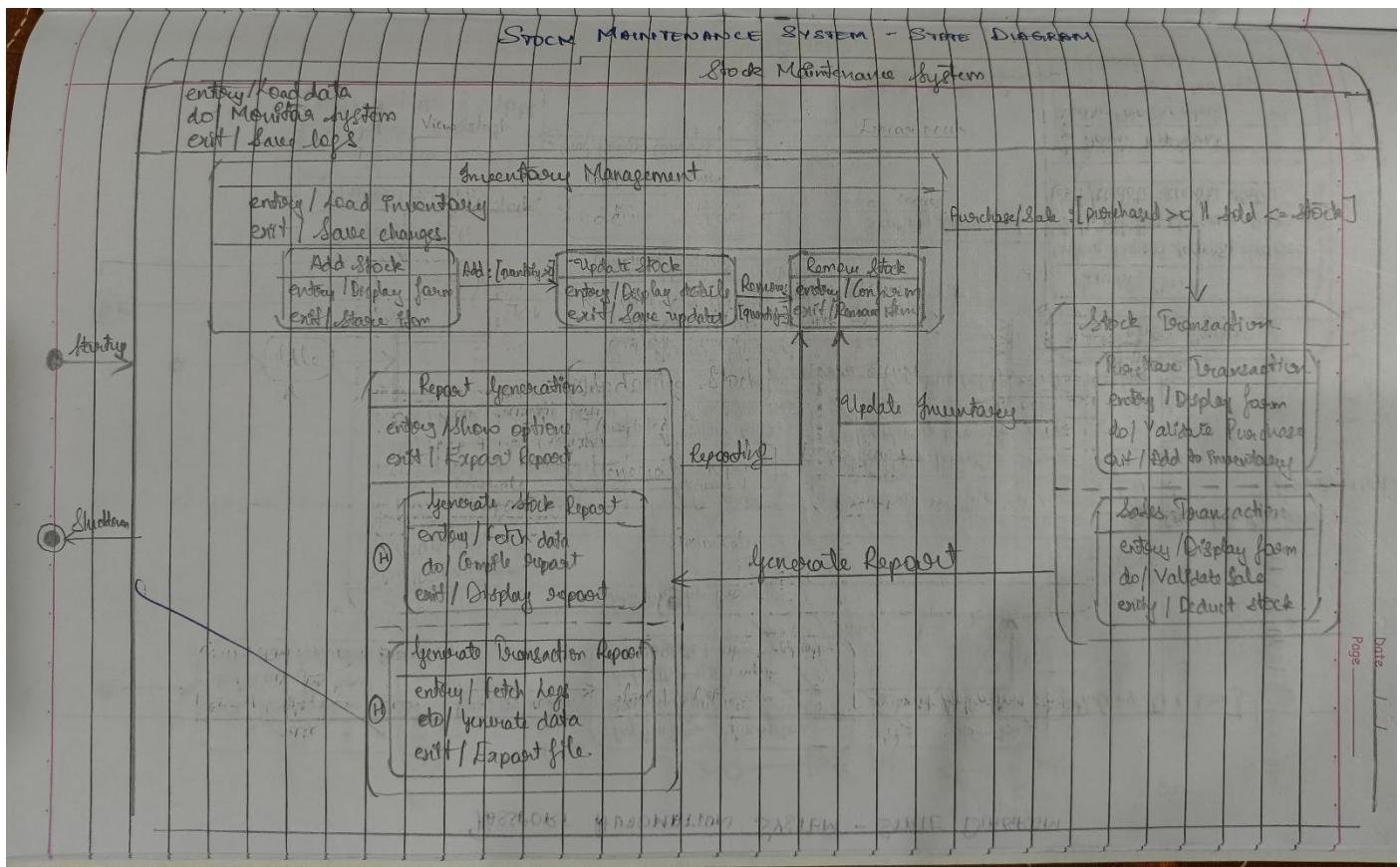
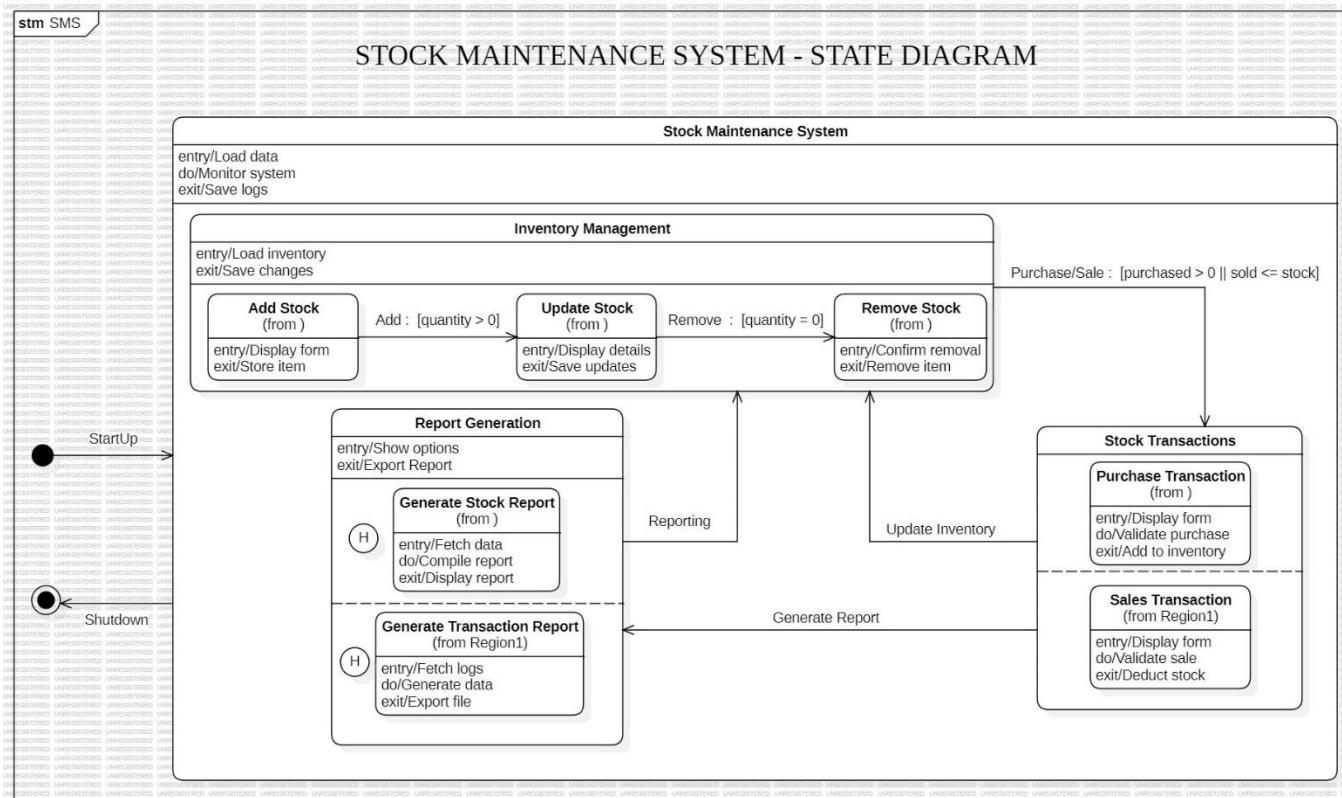
UML DIAGRAMS

CLASS DIAGRAM

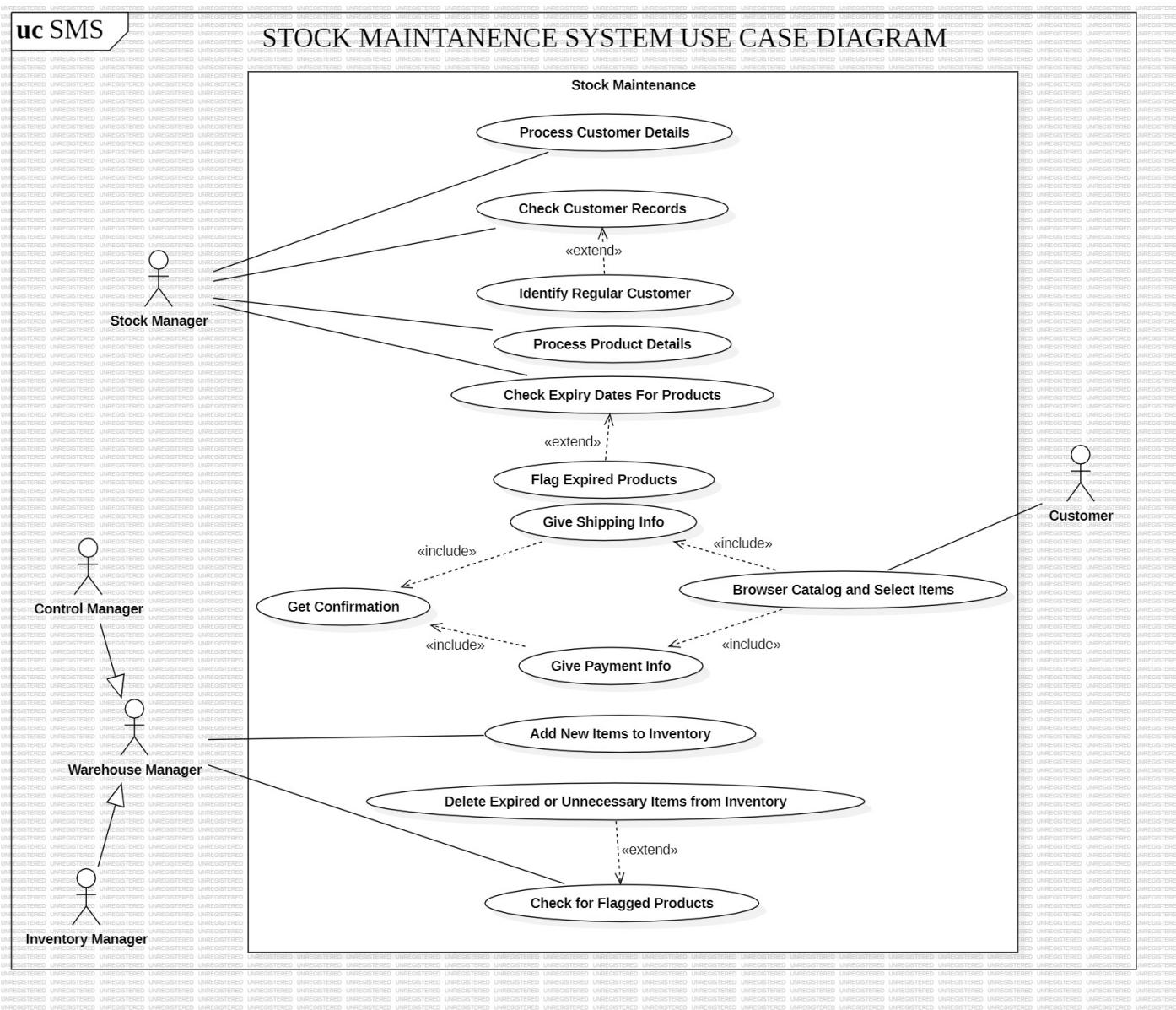


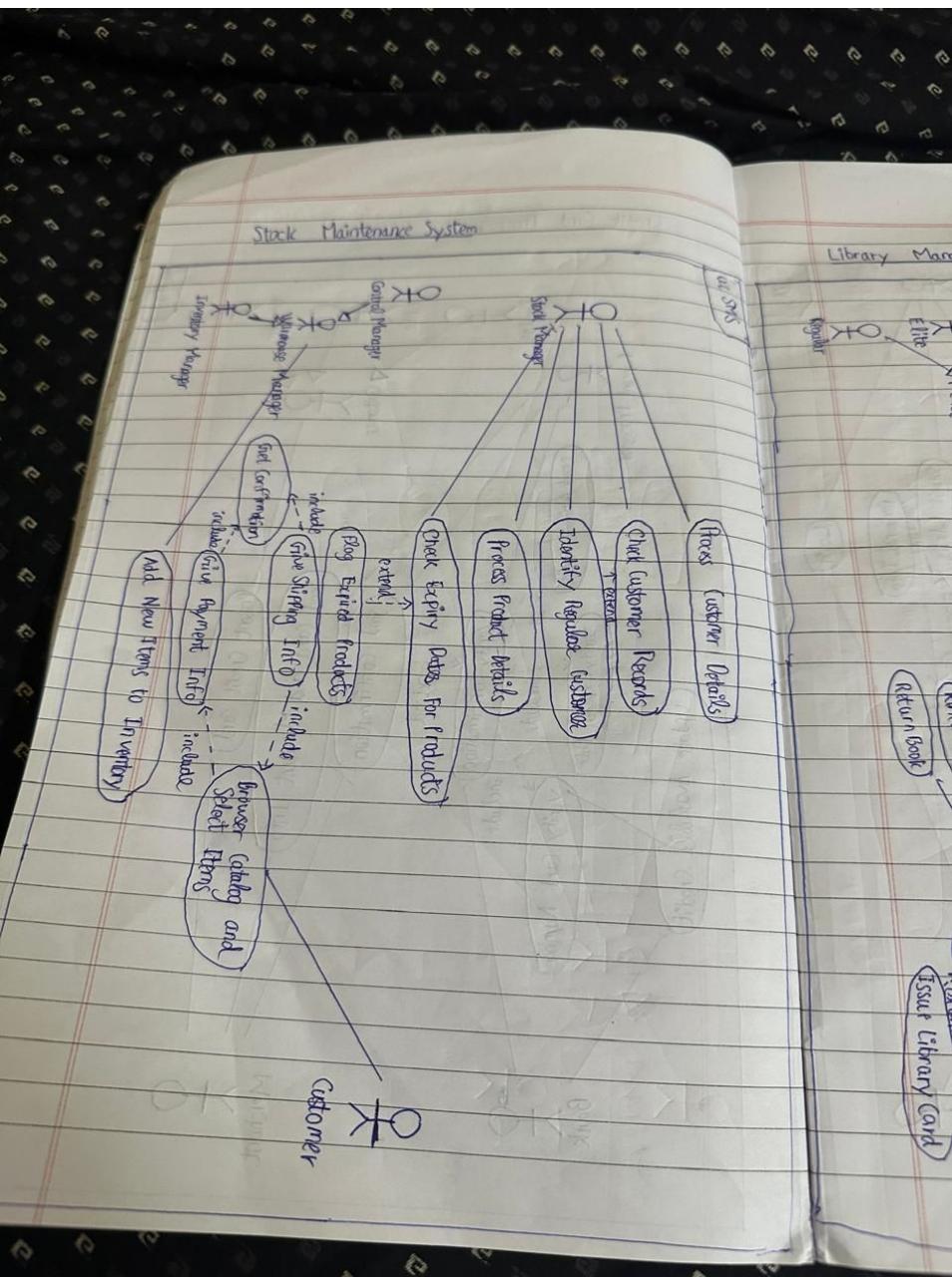


STATE DIAGRAM

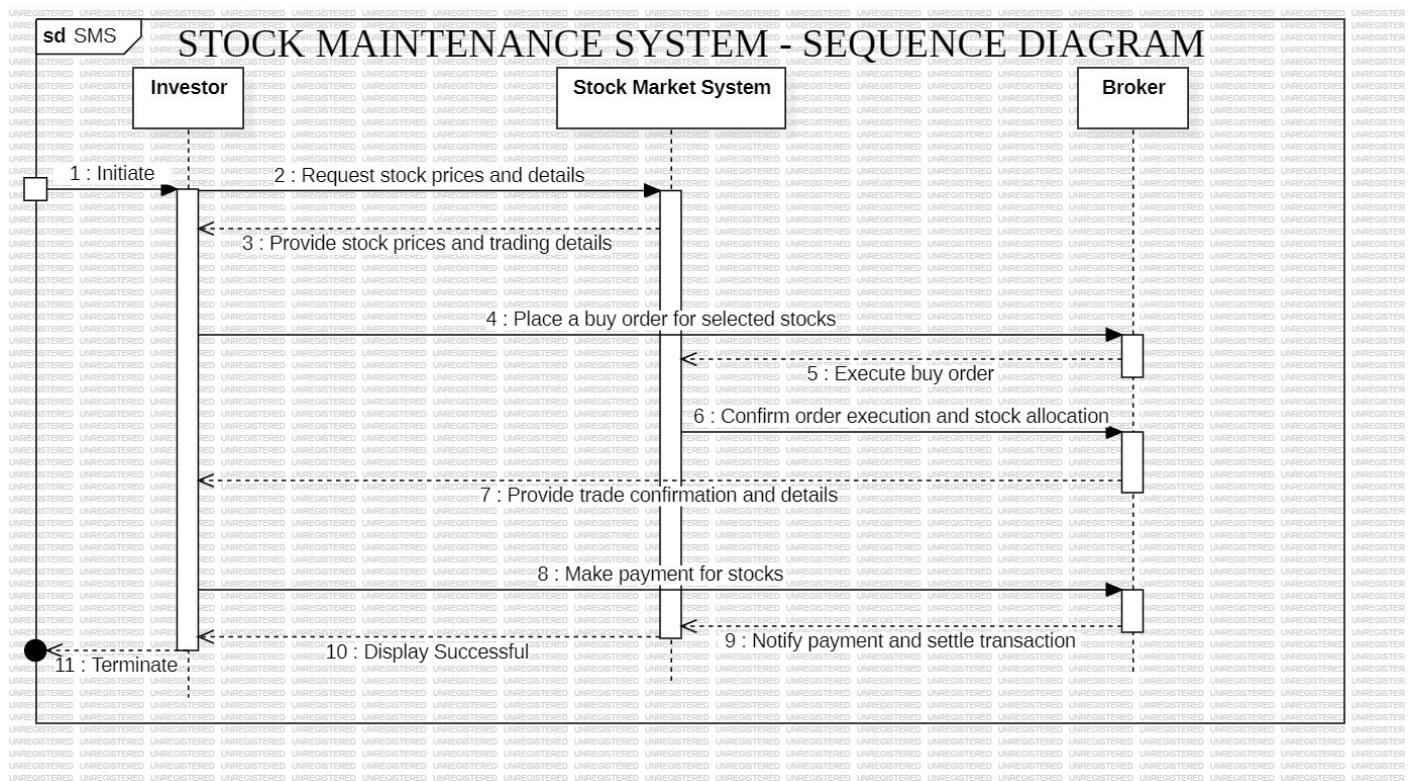


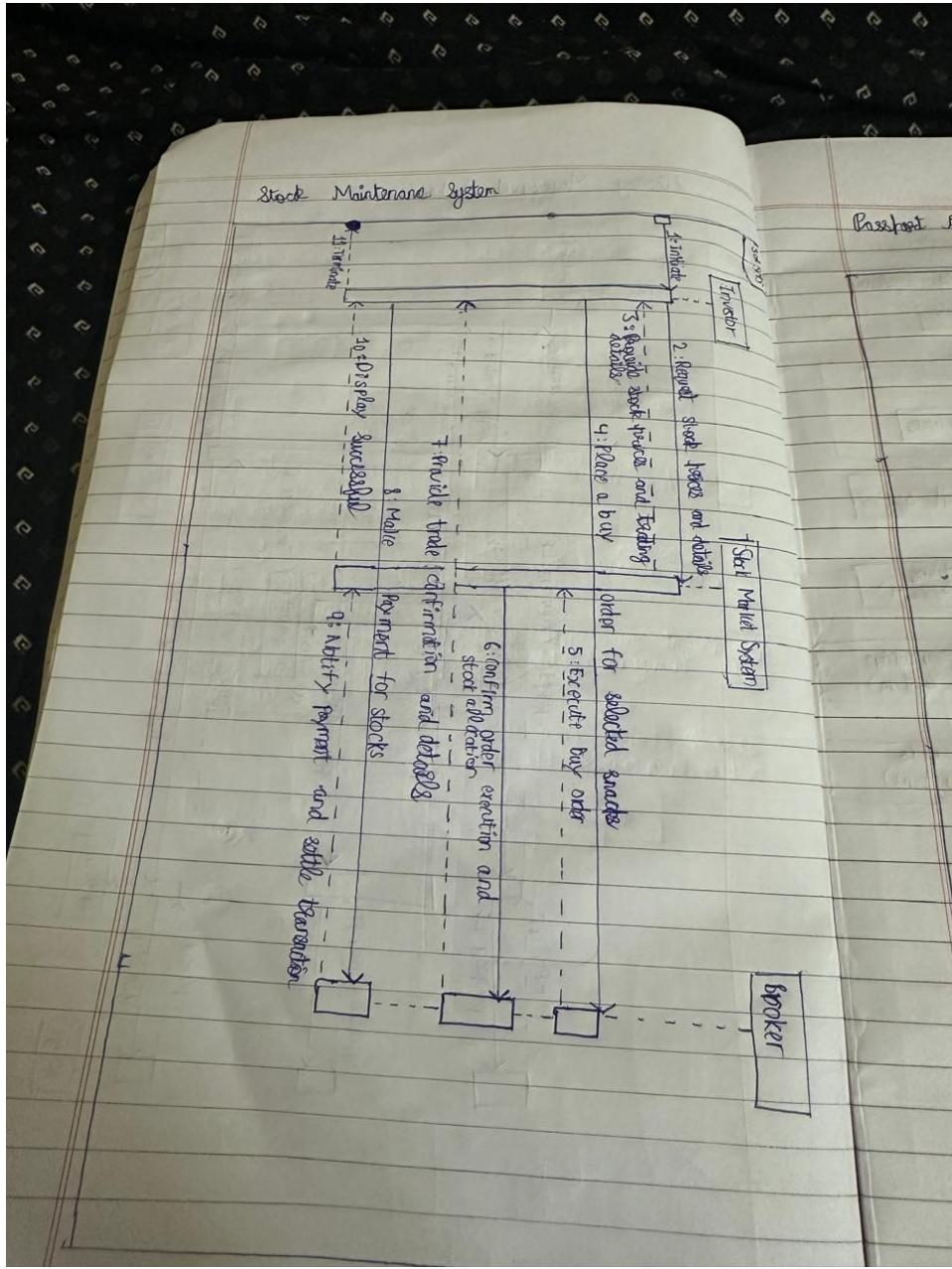
USE CASE DIAGRAM





SEQUENCE DIAGRAM





ACTIVITY DIAGRAM

