Stock Maintainence System

Overview: This system helps user to buy, sell stocks and also displays the stock current price, profit and loss. The following system also display a graph Analysis of stocks i.e in terms of money.

General description: 1) App or system Users.
2) Stocks sales
3) Purchase, sell stocks

classes Methods

Classes : 1) User - ~~Username~~ name(), MobileNo(), ~~password()~~ OTP()
2) Loginin -> LoginID, Password()
3) Stocks -> Buy(), Sell(), Currentprize()
4) Companies -> Companyname(), Stockprize().
5) GraphAnalysis -> RealtimeGraph(), Detailed Analysis()
6) Bankdetails -> Accno(), Cardno(), Balance()
7) Payment -> UPI(), Card(), referal code(), Giftcard().

functional requirements :-

1) Registration :- user can ~~Enter~~ enter his CustomerID and ~~passed~~ password for Authentication.

2) Login : User can see the details i.e profits, loss and price of stocks and selling price including GST

3) Stock Database Access : Can be Accessed by Company manager to track transaction and stock details and username.

4) Recommended stock :- The stocks will be recommended to user to purchase

5) Search stocks :-

Interface requirements

The details of the query system must be displayed as playcards for each stock and must be changing every second.

performance requirements

The details of the shock from the exchange by the query system must have a response time of 0.1 milli seconds. it must operate on 200gb Memory & must have minimal error rate

Design Constraint

It must use hashmaps & must have an O(n) time search sequence, it must be able to run an old system

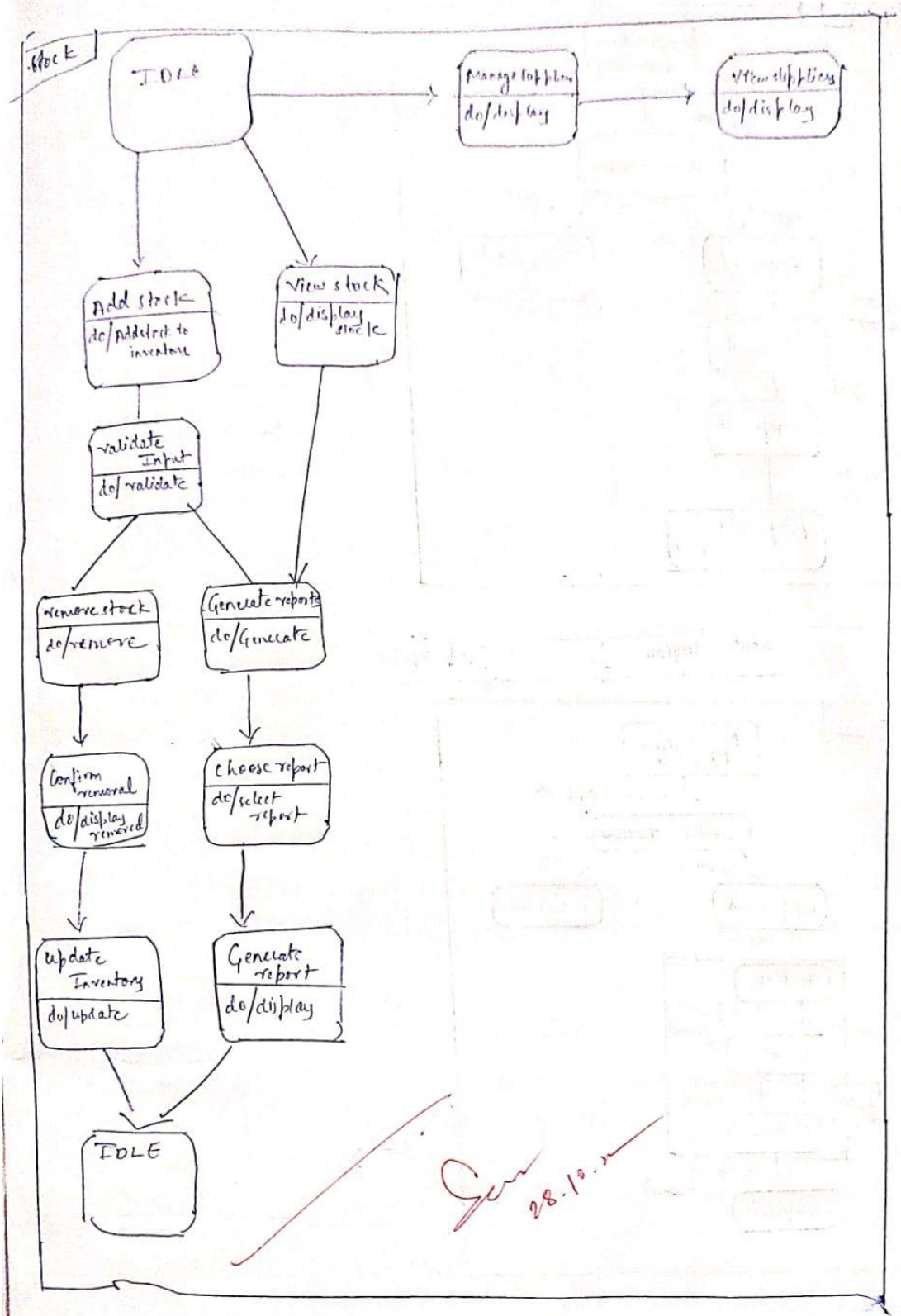
Non-functional attribute

It must use elgamal encryption to transfer the details of the system from relationships manage & use

preliminary schedule n budget

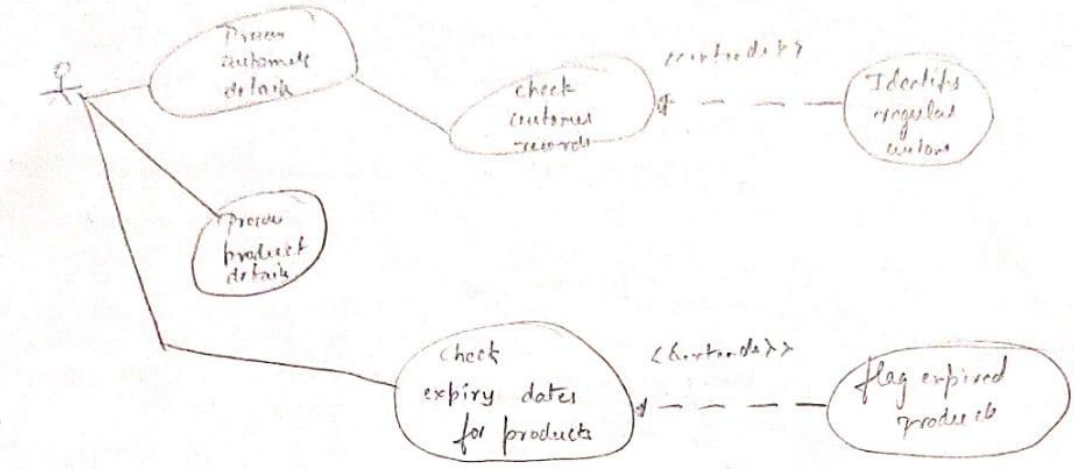
It must be completed ~~in 7 months~~ & 1 million dollar is allocated to ~~project~~

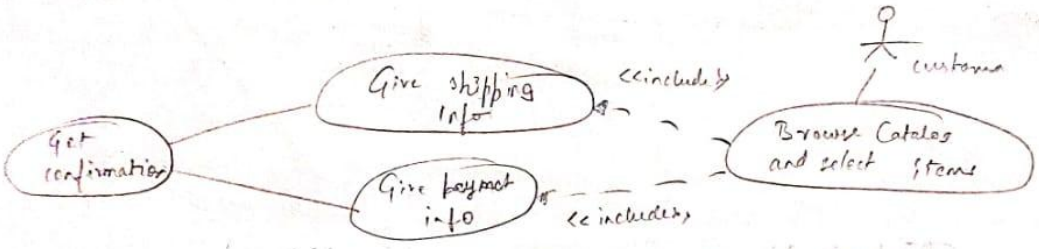
State diagram for stock Management System

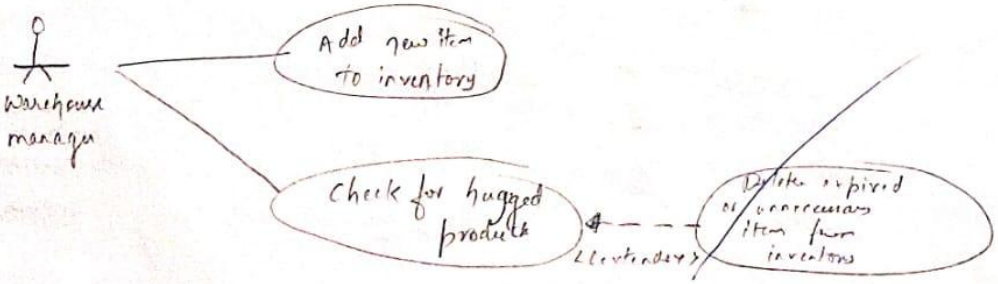


28.10.

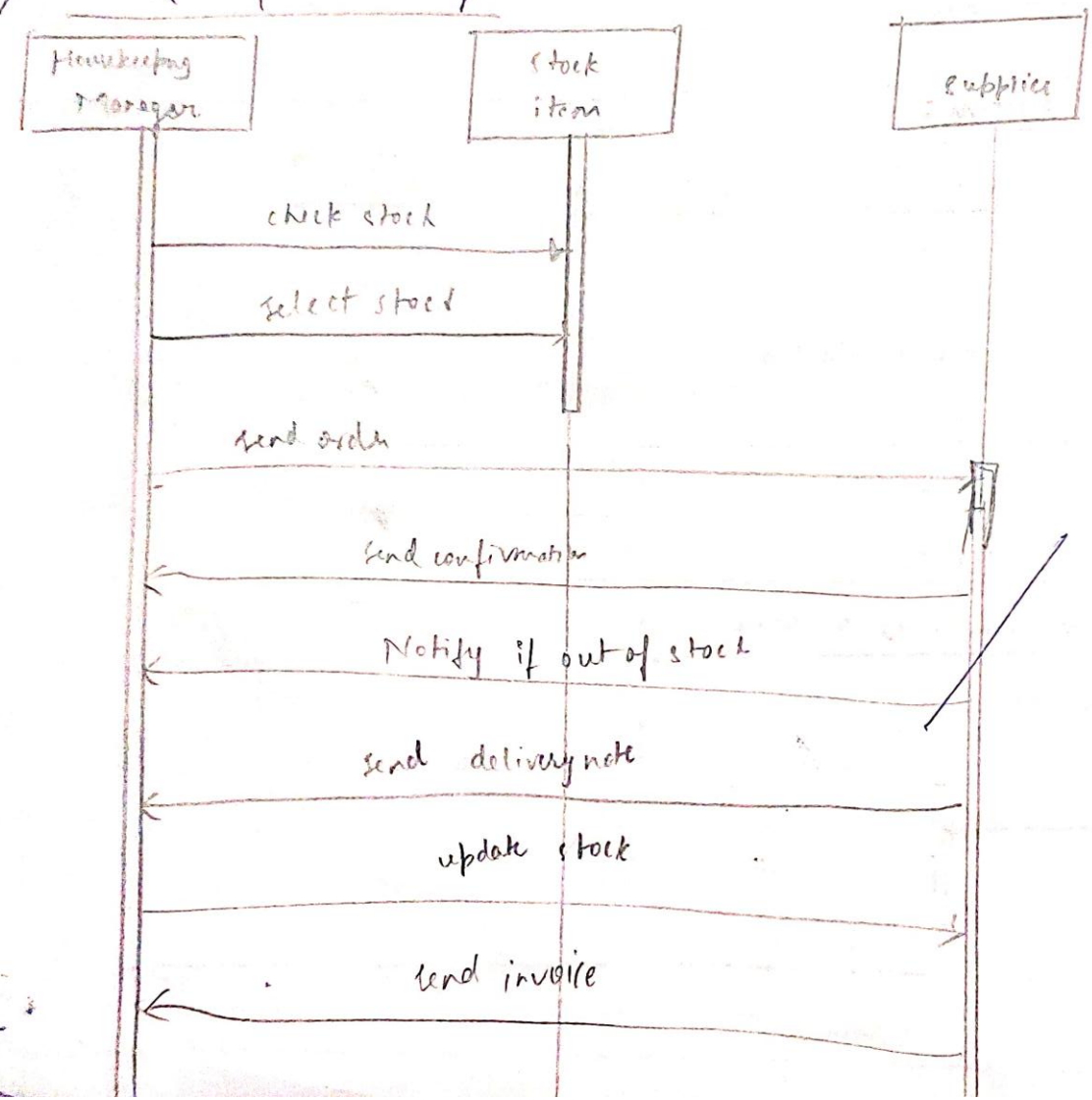
stock Management system

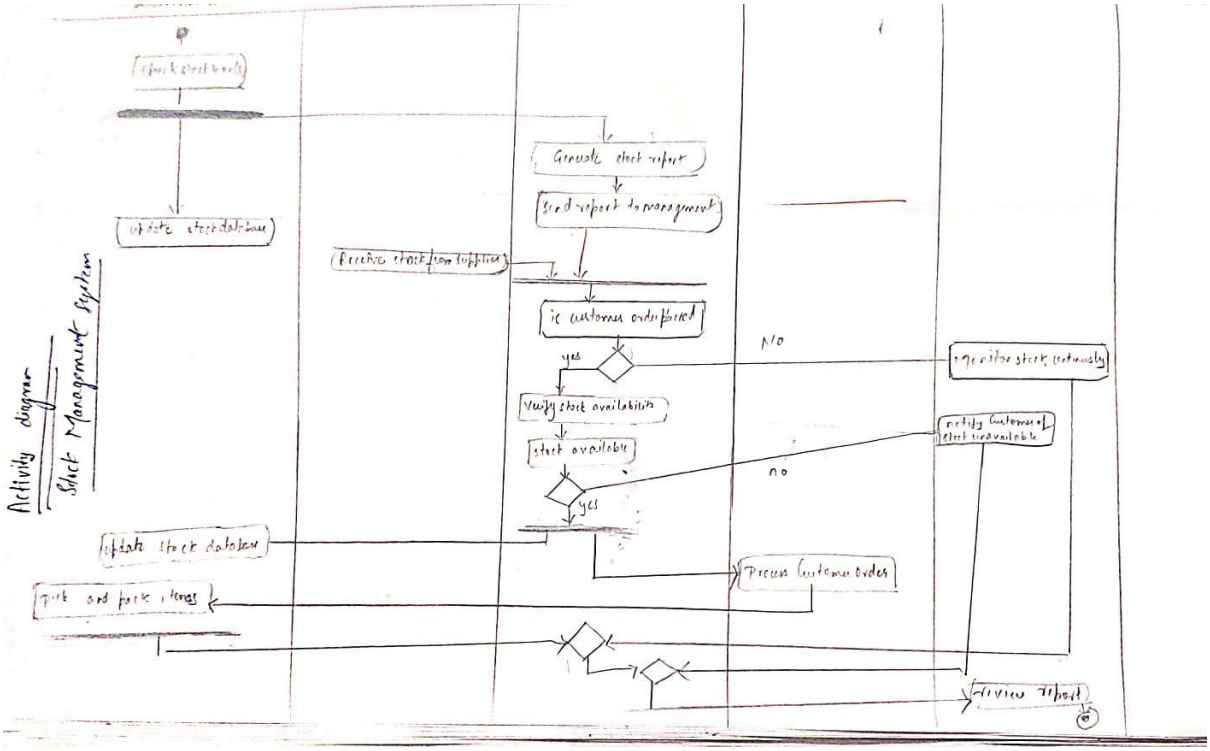






iv) Stock Maintainence System




Activity diagram
Stock Management System
check stock levels
update stock database
Generate stock report
Send report to management
Receive stock from supplier
is customer order placed
yes
No
reorder stock automatically
Verify stock availability
stock available
notify customer stock unavailable
no
yes
update stock database
Process customer order
Pack and pack items
Review report