Assignment 2
Software Engineering CS328

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1 Non Functional Requirements

1.1 Performance

Every request should be processed in less than 10 sec.

1.2 Availability

Server availability should be 24/7. In case of crashing of any of the server backup server should always be there.

1.3 Reliability

The system should be reliable i.e. it should prevent the with-drawl and deposit of the money at the same time.

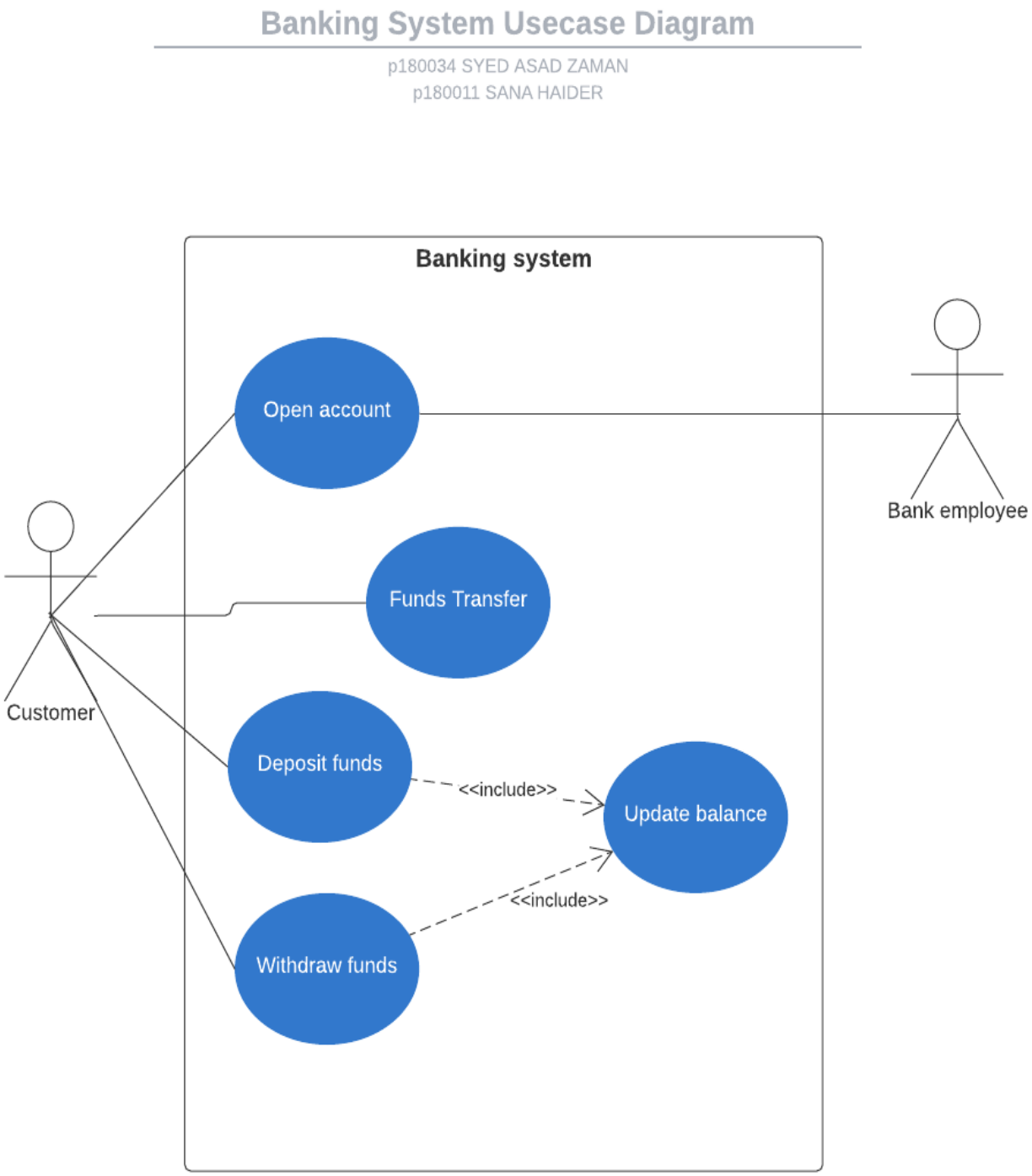
1.4 Recoverability

In case server crash the recoverabilty of the sever should be in minimum time.

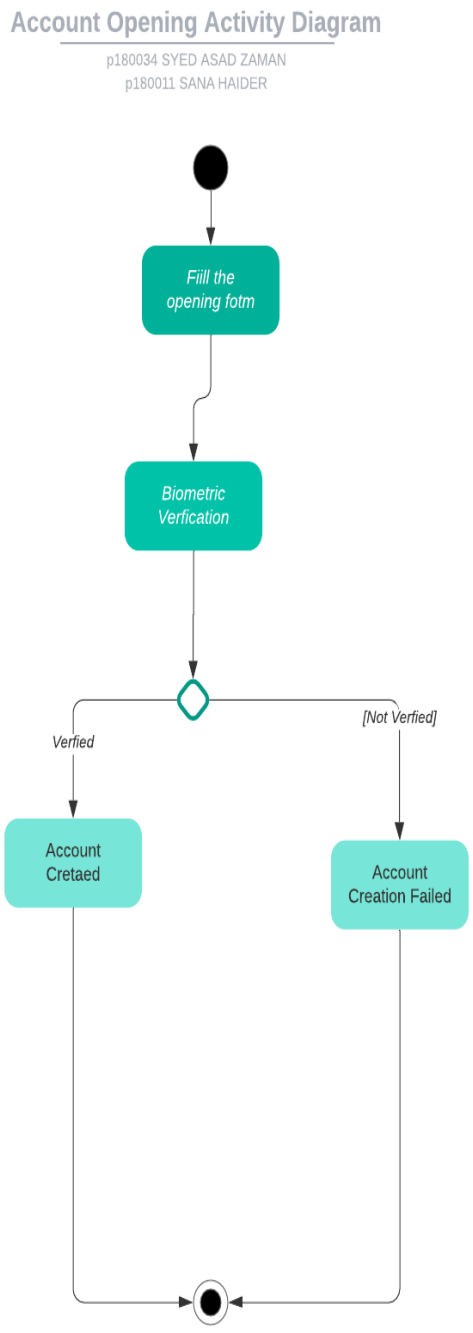
1.5 Security

The security of the system should be such that in case of attack the passwords should be secured.

2 Use Case Diagram



3 Activity Diagram



Activity Diagram Cash Deposit & Withdraw

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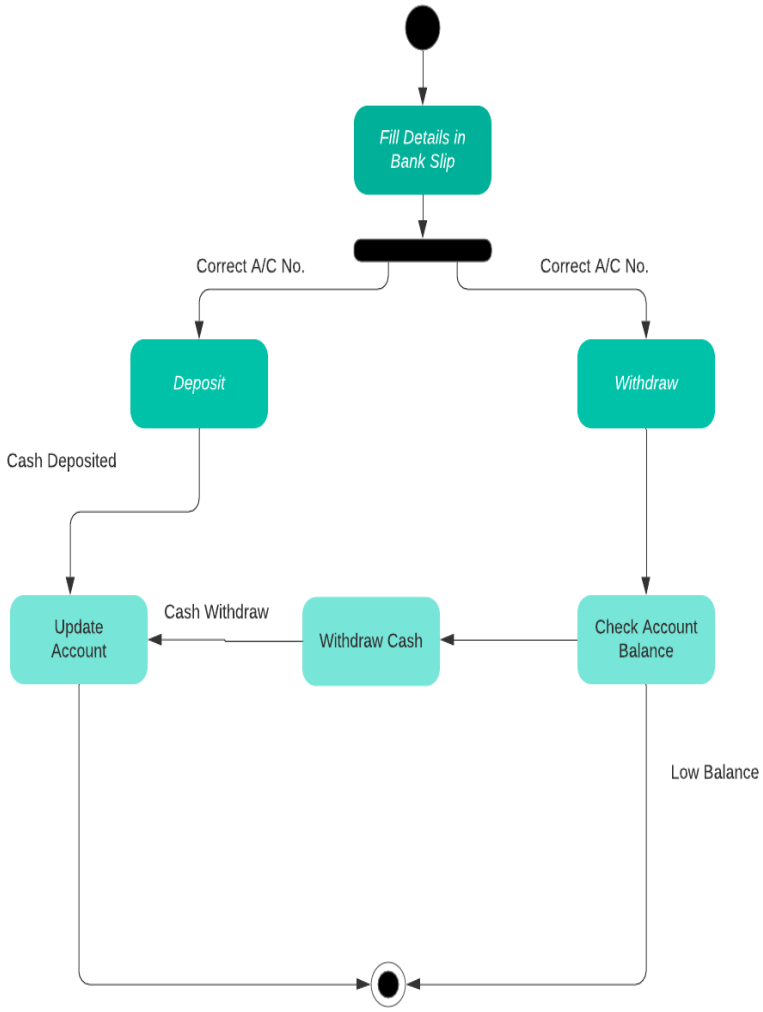
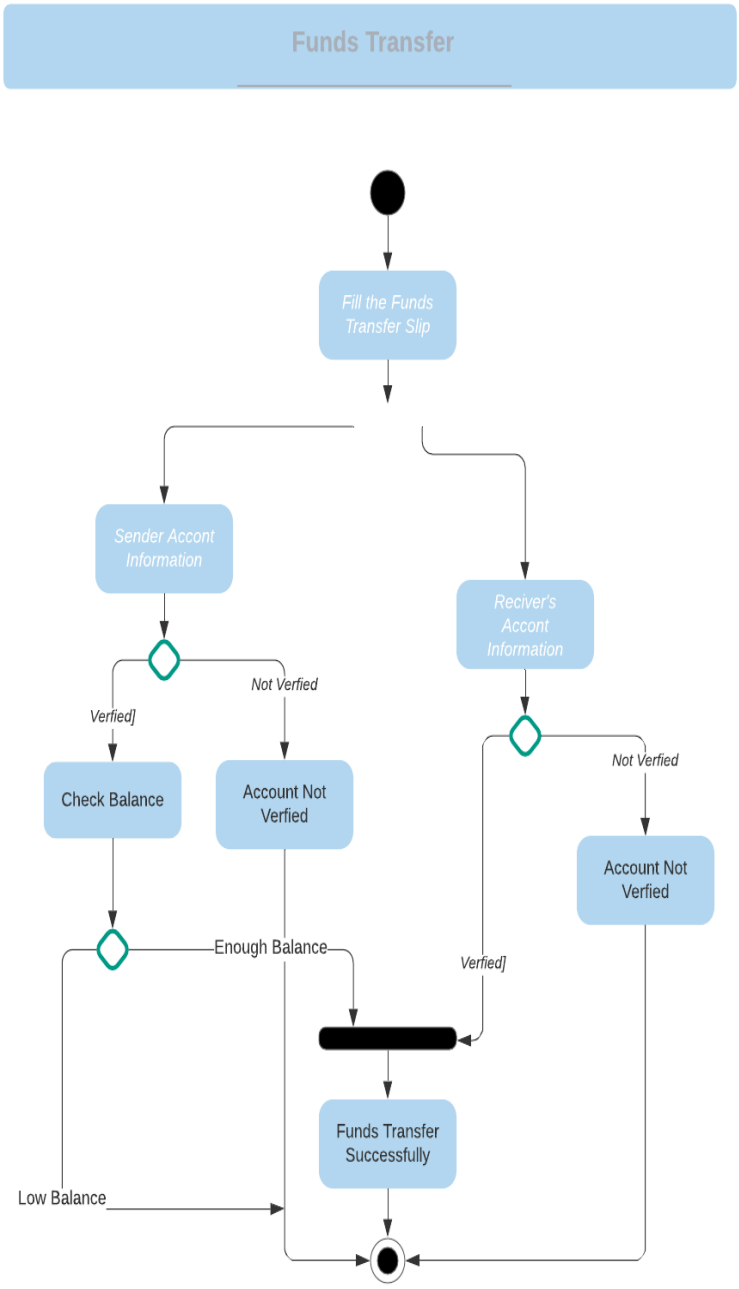
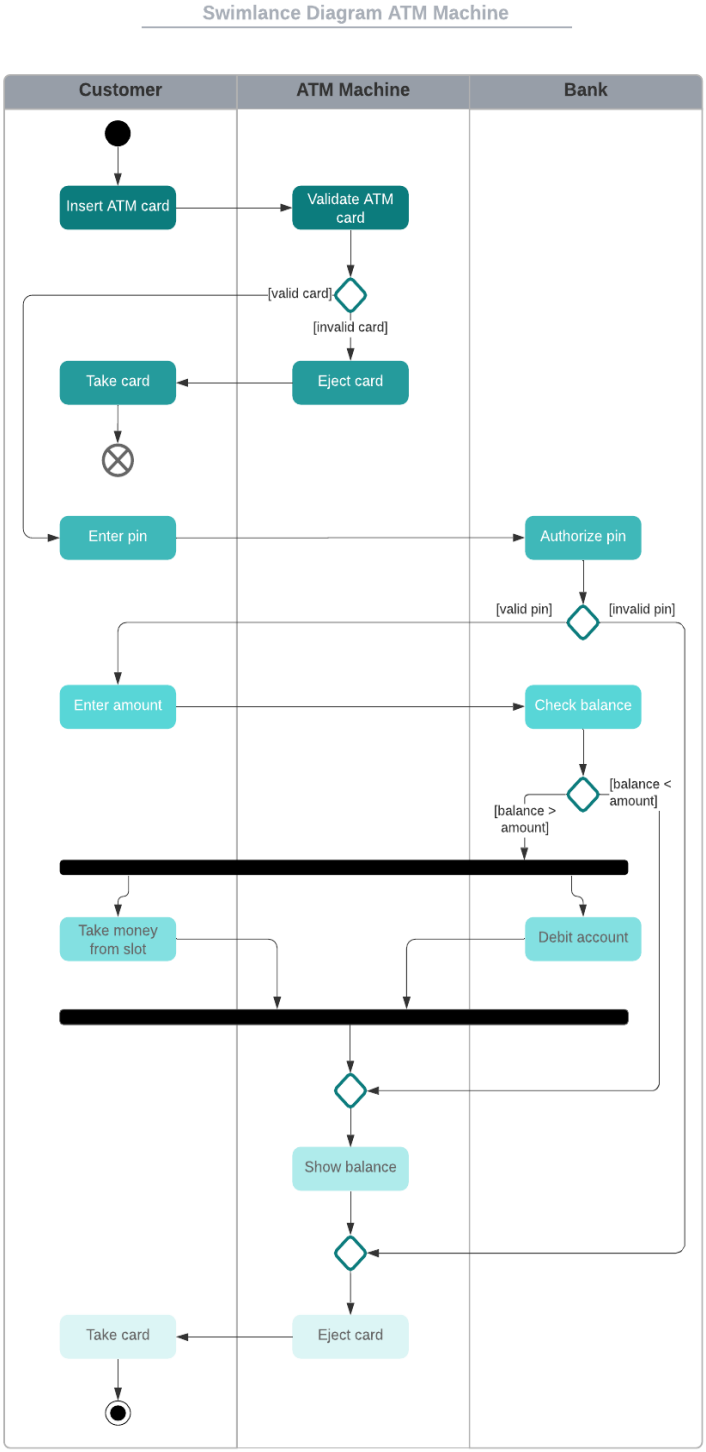



Funds Transfer
Fill the Funds Transfer Slip
Sender Accont Information
Reciver's Accont Information
Not Verfied
Verfied]
Check Balance
Account Not Verfied
Not Verfied
Account Not Verfied
Enough Balance
Verfied]
Funds Transfer Successfully
Low Balance

4 Swimlane Diagram