

Trainee Name: Afroza Jabin  
Batch: ESAD-CS/ACSL-M/43/01  
Id: 1255708

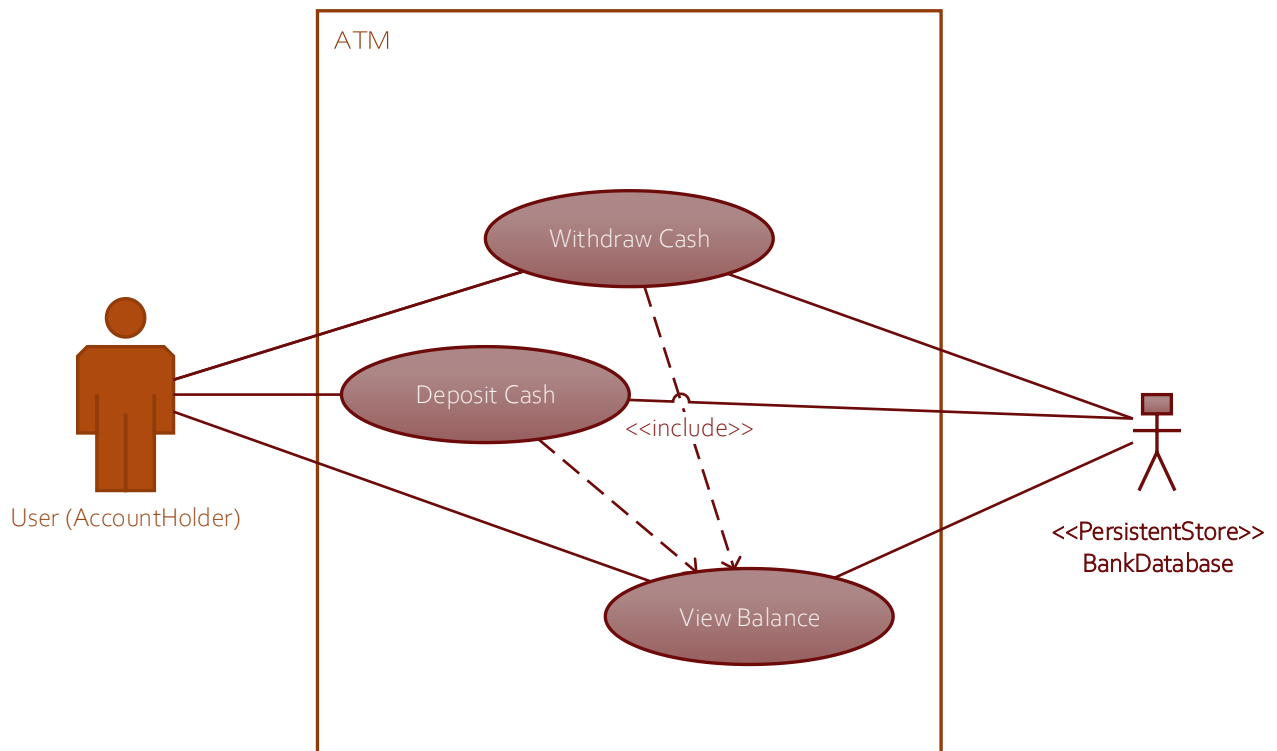
# BANK ATM

## Scenario

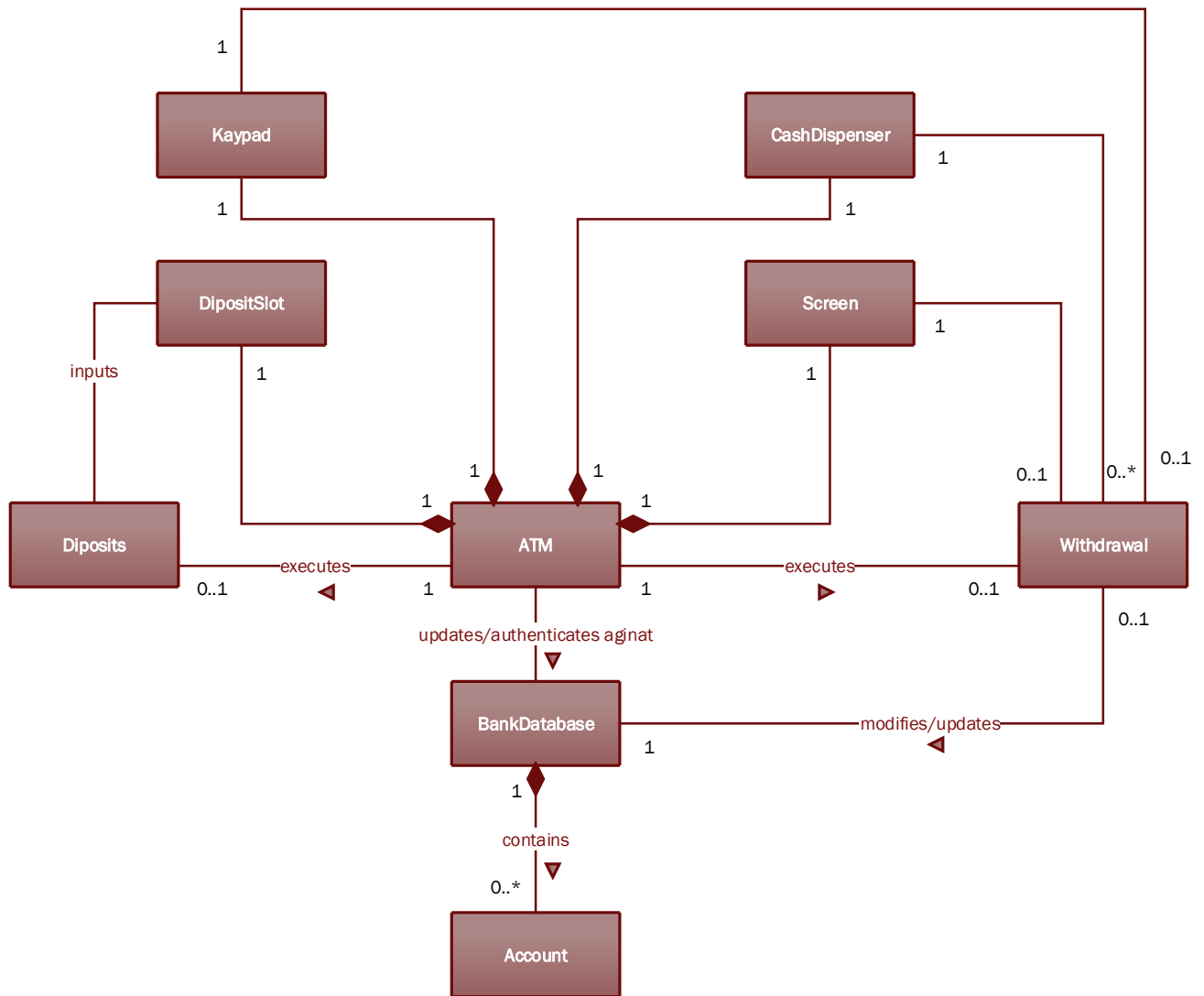
A local bank intends to install a new automated teller machine (ATM) to allow users (i.e., bank customers) to perform basic financial transactions. Each user can have only one account at the bank. ATM users should be able to view their account balance, withdraw cash (i.e., take money out of an account) and deposit funds (i.e., place money into an account).

You have to find out and analyze the requirements and design the system and develop UML models for the system.

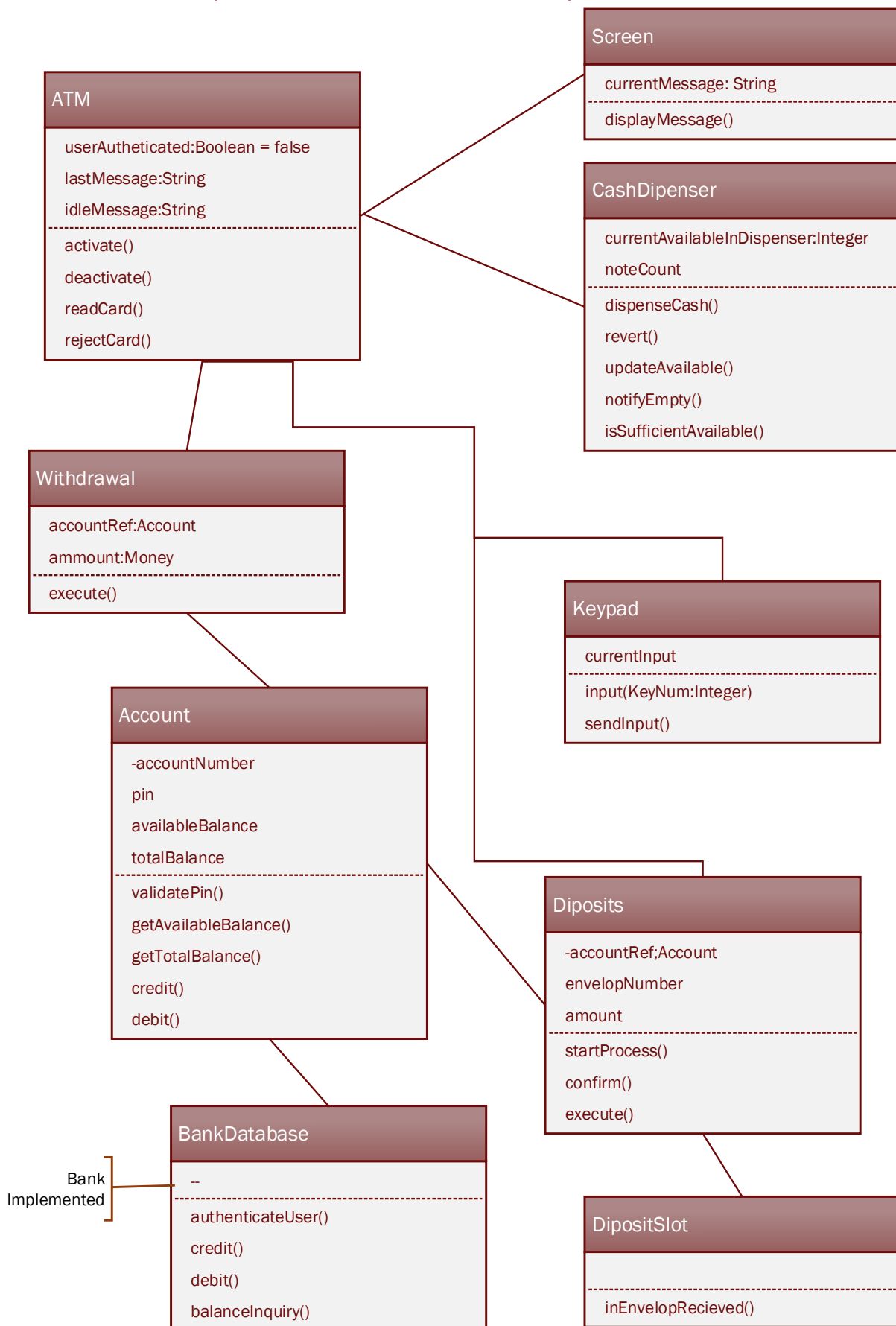
## USE CASE DIAGRAM



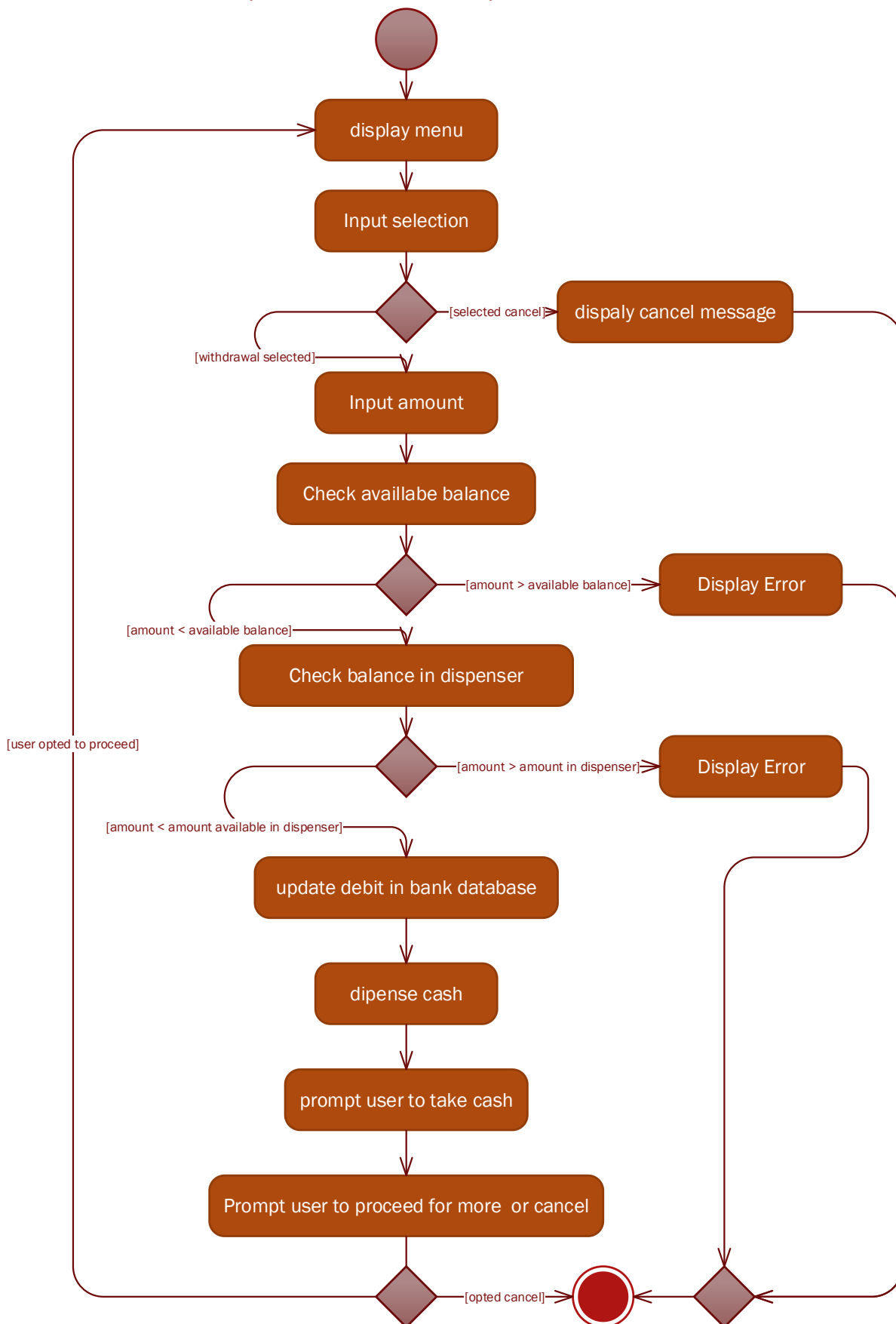
## CLASS DIGRAM (Class Associations)



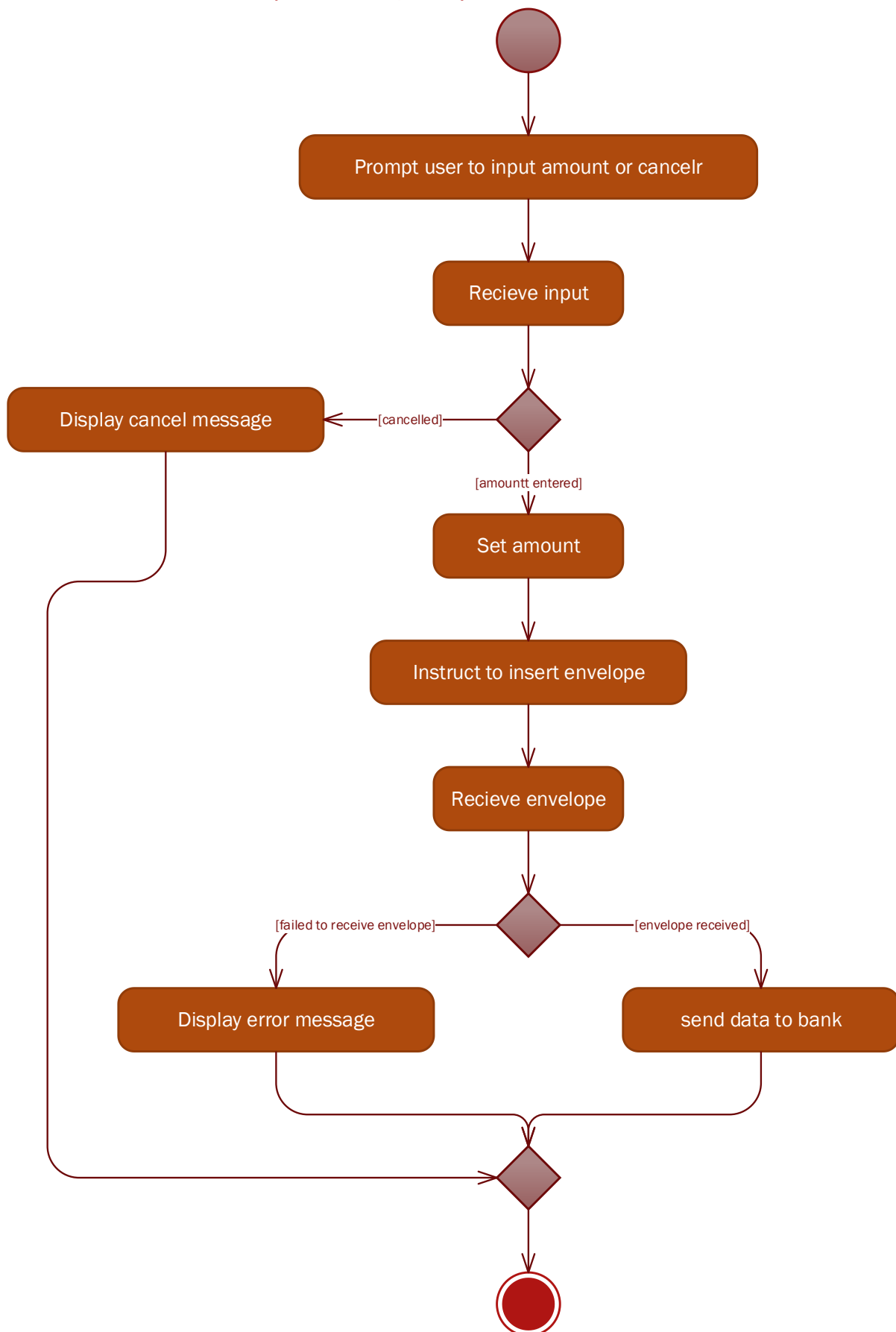
## CLASS DIGRAM (Attributes and Operations)



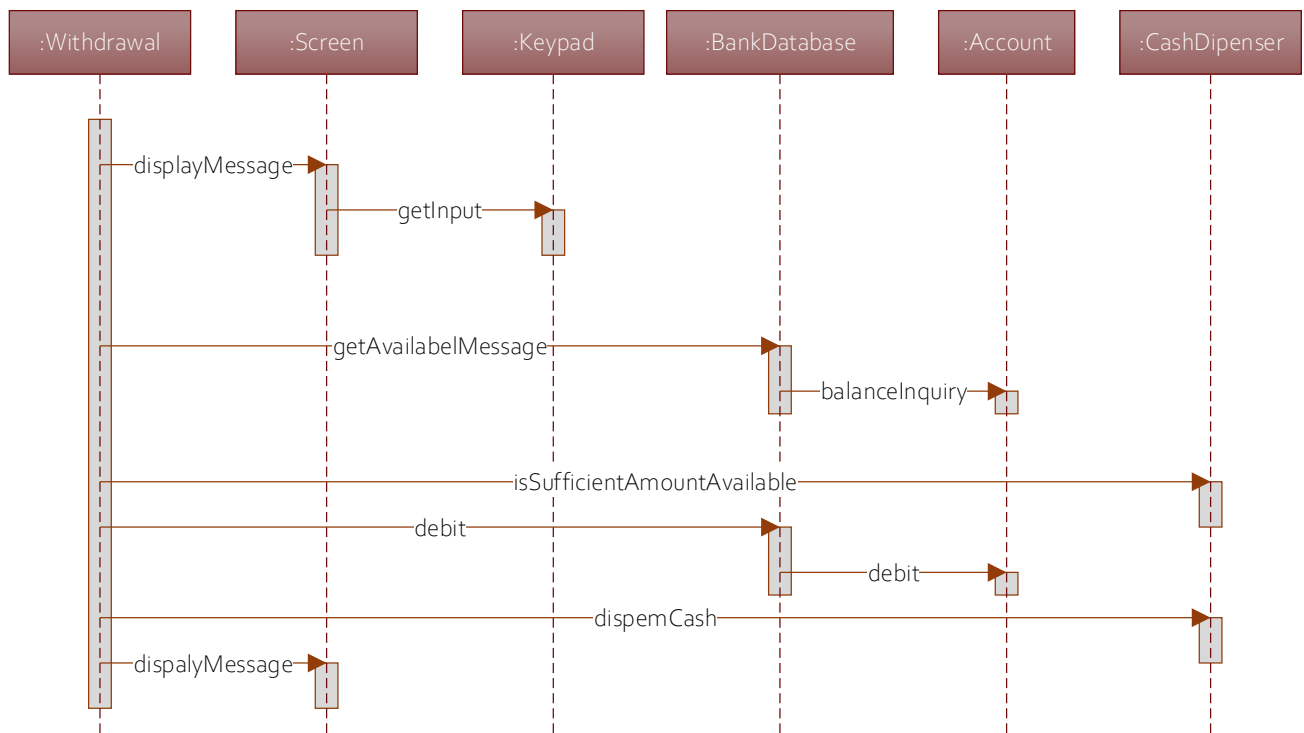
## ACTIVITY DIGRAM (Cash Withdrawal)



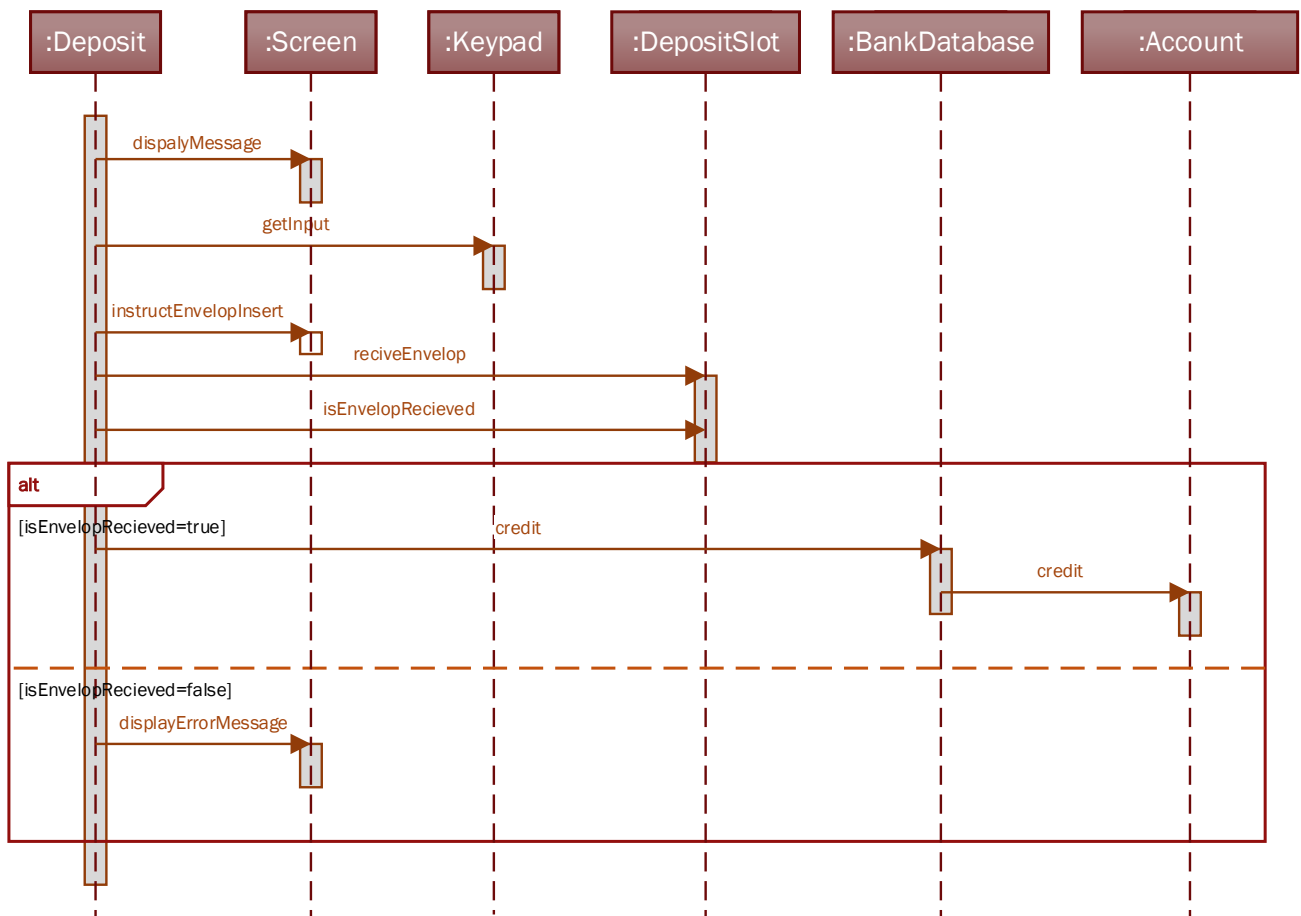
## ACTIVITY DIAGRAM (Cash Deposit)



## SEQUENCE DIGRAM (Cash Withdrawal)



## SEQUENCE DIAGRAM (Cash Deposit)





## STATE CHART

