c) Descriptive use case

Title: ATM system

Primary actor: customer

Goal: customer use atm system

Trigger: customer login his account

Scenario:

First of all customer startup the system

Customer enter his password if it is correct it start

Customer enter his password wrong three time than it don’t start the machine

Exceptions:

Customer enter his password wrong greater than three time it cant start the machine

Customer enter his password than suddenly light is gone

Secondary actor: operator

a) The relation in this model are extend and include

The transaction and session is a include relation in which

The transaction and invalid PIN is a extend relation in which information of customer

B) yes this mode require modification