

SWEN-745 Homework 3 - State Models

Scope: The ATM system contains two features: **withdrawing** and **depositing** cash. It is implicit that the system would be able to communicate to a remote server in order to obtain up to date bank account information about each user such as account balance.

In order to initialize any interaction with the system, it is required that the user first enter in a PIN. The bank that provides this ATM system is unique, in that there is only one account available for each enrolled user. The system is quite primitive, so a user can only access one feature per session and when withdrawing, must select a predefined amount from the system.



