**Lab Test Solution**

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**SOLUTION**

**ANSWER (a) =**

RELEATION SHIPS - There are two relationships.

**INCLUDE** = is used for the showing relation between session (login) and transaction .After Transection Withdraw, deposit, transfer, Inquiry.

**EXTEND** = is used for the showing relation between Invalid Pin and transaction. After Entering a valid pin it goes to Transection else on invalid in 3 times.

**ANSWER (b) =** In above use case it does not require any modifications.

**ANSWER (c) =** Following is the descriptive Use Case :-

|  |  |
| --- | --- |
| **Primary Actor** | Customer |
| **Goal** | To withdraw cash/money. |
| **Pre Conditions** | 1. Customer Have an account. 2. An ATM card. 3. Having Enough Balance. |
| **Trigger** | 1-Customer Enters Atm Card.  2-Withdraw Some Amount. |
| **Scenario** | 1-Insert Card.  2-Enter Pin.  3-If enters 3 times invalid pin System should .Lock/Suspend its Account and returns Card.  4-If pin is correct a menu is displayed.  5-Customer Has to enter an amount to withdraw.  6-Atm releases the due Amount with balance Inquiry Statement.  7-System shall logouts the customer session. |
| **Exceptions** | 1. Atm is not Working/Link Down/Server Error. 2. Atm has low amount of Cash. 3. Atm Card is expired. |