1. Explain about relationships in the above use case

Following are the relationships in the use case.

* **Inheritance**

The withdrawal deposit transfer and inquiry are inherited from transaction use case.

* **Include**

For any transaction customer shall enter the session.

* **Extend**

When the user enter the invalid PIN system shall call invalid use case.

1. Does this use case model require any modifications?

Yes, this use case model require some modifications.

System will show complete scenario of ATM machine.

1. Write descriptive use case for withdrawal use case.

|  |  |  |
| --- | --- | --- |
| Title | Withdrawal | |
| Primary actor | Customer | |
| Secondary actor | Bank | |
| Stakeholder | Bank, Customer | |
| Precondition | Customer shall have account  Customer must enter valid pin  Session must be Started when the customer authenticated | |
| Trigger |  | |
| Main Scenario |  | |
|  | Customer | System |
|  | 1. Customer select a withdraw by click on the withdraw button | System display withdraw page. |
|  | 1. Customer must enter a withdraw amount into a text box | System take input from the customer |
|  | 1. Customer select OK button to start withdraw transition. | System check available amount if amount equal to or less than the amount system have, the system will start transition. |
|  |  | System will display a message if the transition is successfully done. |
|  |  | System will display a message do you want to do another transaction |
|  | 1. If customer select YES option for another transaction. | System will show MAIN MENU |
| Exception | System will stop transaction if the given amount is greater than available amount | |
| Post Condition | The user has received their cash and internal logs have been updated.  The logs have been updated acondingly. | |