**Assignment No. 1**

Submitted by:

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**UW-14-CPS-BS-142**

Subject:

**Object Oriented Software Engineering**

**BS-8Th B**



**Submitted To:**

**Miss Nazish Yousaf**

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**UNIVERSITY OF WAH**

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**Question: ATM Case Study “Withdraw Cash use Case” (brief and casual use case)**

**Brief Use Case:**

* Use Case: **Withdraw Cash**
* **Main Success Scenarios**

User enters ATM Cardand enters pin. Select language and choose the withdrawal option. User enters cash withdrawal amount and validate the amount. Print receipt and confirm to eject the card. Use case ends.

**Causal Use Case:**

* Use Case: **Withdraw Cash**
* **Main Success Scenarios:**

User enters ATM Cardand enters pin. Select language and choose the withdrawal option. User enters cash withdrawal amount and validate the amount. Print receipt and confirm to eject the card. Use case ends.

**Alternate Scenarios:**

Customer Authentication failure due to incorrect pin given by the user. Specialist Withdrawal Facilities like amount in the multiple of 500. Card handling in jam cases, unreadable bank card, invalid card or card left behind by the customer. Error handling like authentication failures, bank not approving the withdrawal, cash dispense errors. Receipt handling offer by the customer or printing of receipt. Bank stop responding errors. Amount less than request or not enough money issues. Transaction rolled back by not taking money from the tray.