**Title:** Create Use Case Diagram (Part 1)

**Objective(s):**

In this lab, students will

* understand different notations in a UML Use Case Diagram and
* learn to draw UML Use Case Diagram using design tool

**Tools, Equipment and Materials:**

1. [Hardware: Personal Computer with Internet access]
2. [Software:

Cloud-based diagram design tool such as Creately.com or Lucidchart.com or draw.io

or

Graphic design software: Photoshop

]

**Instructions:**

**Task 1**

1. Study the given UML use case diagram and answer the following questions. (Refer to Chapter 6)

Diagram

Description automatically generated

* 1. Who are the primary actors in this use case diagram and why?

**Customer and Technician, they are interacting with the system.**

* 1. Who are the secondary actors in this use case diagram and why?

**Bank, it is provide service to the system.**

* 1. Explain what does the box with name “Bank ATM” represent?

**It is the system boundary sets a system scope to use cases.**

* 1. Explain what is a use case.

**Use case is a written description of the user's interaction with**

**the software product to accomplish a goal.**

* 1. List down all the use cases involving primary actors.

**Check Balances, Deposit Funds, Withdraw Cash, Transfer Funds, Maintenance, Repair**

**Task 2**

1. Register free account on Creately.com or Lucidchart.com or draw.io.
2. Create a new workspace.
3. Start with a UML use case template and draw the following use case diagrams.

(Refer to chapter 7 slide 15)

Or

1. Use graphic design software such as Photoshop to draw the following use case diagram

Diagram

Description automatically generated

Diagram

Description automatically generated

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