



Ahsanullah University of Science and Technology (AUST)
Department of Computer Science and
Engineering
QUIZ 03: Spring 2021

Program: B.Sc. in CSE, Semester – 3.2, **Set - A**

Course Code: CSE 3223

Course Title: Information System Design and Software Engineering

Time: 40 Minutes

Marks: 10

Name -	ID -
Section -	Email:

1. **Summarizes** the different types of UML diagram with a suitable figure. [03]
2. Assume you are an IT Engineer of a renowned Bank. You have assigned a work to make a banking app and for this, you have some criteria. A user must provide appropriate details to securely Login. Software must check and verify the details at every attempt to Login. Here LOGIN is the Base Use Case and AUTHENTICATE is the Included Use Case. If a user enters appropriate details, user is allowed to Login. However if the details entered by the user are incorrect, software must be able to catch and display problem to the user and allow the user to re-enter details. LOGIN is hence a complete use case. However under certain situations it might use action corresponding to INVALID PASSWORD. Here LOGIN is the Base Use Case and INVALID PASSWORD is Extended Use Case. Now consider the above scenario and **construct** a use case diagram with a detailed description of one use case. [07]

