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ITSE 1450

Module 6 Question 9

A use case diagram, on the other hand, is a type of behavioral diagram in the Unified Modeling Language (UML) that represents the functionality of a system using actors and use cases. These diagrams provide a high-level view of the system and its interactions with the outside world. Each use case on the diagram is represented by an oval with a meaningful name that describes the goal of the interaction.

Sample Use Case: Ordering a Coffee at a Coffee Shop

Title: Place Coffee Order

Actor: Customer

Precondition: The coffee shop is open, and the customer is ready to order.

Main Flow:

The customer approaches the counter.

The customer reviews the menu and selects a coffee.

The customer communicates their order to the barista.

The barista confirms the order and the total price.

The customer makes the payment.

The barista prepares the coffee.

The barista serves the coffee to the customer.

The customer receives the coffee.

Postconditions: The customer leaves with the coffee; the transaction is recorded.

Sample Use Case Diagram:

