



UNIT-III

USE CASE EXAMPLE

MADHESWARI.K

AP/CSE

SSNCE



Use Case Example

- **Process Sale:** A customer arrives at a checkout with items to purchase. The cashier uses the **POS** system to record each purchased item. The system presents a **running total** and **line-item** details. The customer enters **payment** information, which the system validates and records. The system updates **inventory**. The customer receives a **receipt** from the system and then leaves with the items.
- Notice that ***use cases are not diagrams, they are text.*** Focusing on secondary-value UML use case diagrams rather than the important use case text is a common mistake for use case novices.
- Use cases often need to be more detailed or structured than this example, but the essence is **discovering and recording functional requirements by writing stories** of using a system to fulfill user goals; that is, *cases of use*.

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Guideline: How to Find Use Cases

- **Use cases are defined to satisfy the goals of the primary actors. Hence, the basic procedure is:**
 1. Choose the system boundary. Is it just a software application, the hardware and application as a unit, that plus a person using it, or an entire organization?
 2. Identify the primary actors those that have goals fulfilled through using services of the system.
 3. Identify the goals for each primary actor.
 4. Define use cases that satisfy user goals; name them according to their goal. Usually, user-goal level use cases will be one-to-one with user goals, but there is at least one exception, as will be examined.



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