



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Car Rental Management System

Assessment - 3

Software Engineering Lab - BCSE301P

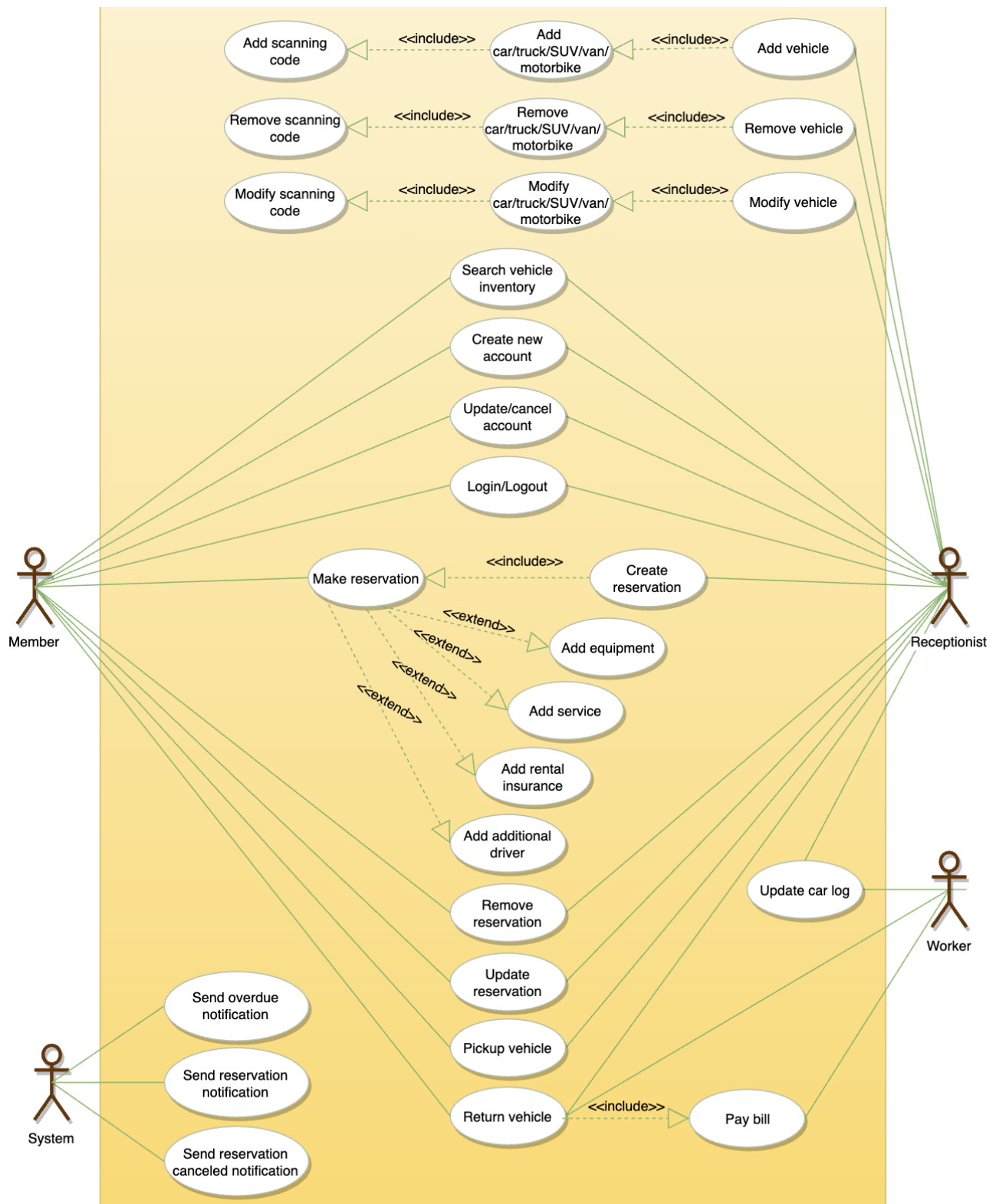
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22BCE0913

1. Draw the Usecase diagram.

A **Use Case Diagram** is a visual representation of the interactions between users (actors) and a system, showing how users accomplish specific tasks or goals. It helps in understanding system requirements and user interactions. The diagram consists of:

- **Actors:** Entities (users or external systems) interacting with the system.
- **Use Cases:** Functionalities or services provided by the system.
- **Relationships:** Connections between actors and use cases, such as associations, includes, and extends.



2. Draw the Class diagram.

A **Class Diagram** is a structural diagram in UML (Unified Modeling Language) that represents the static structure of a system by showing its classes, attributes, methods, and relationships. It is used for object-oriented design and development. The diagram includes:

- **Classes:** Represent entities with attributes and methods.
- **Attributes:** Properties of a class.
- **Methods:** Functions or behaviors of a class.
- **Relationships:** Associations, inheritances (generalization), dependencies, and aggregations between classes.

