

**Ho Chi Minh University of Technology  
Faculty of Computer Science and Engineering**



**SOFTWARE ENGINEERING  
Project report #2**

**Sequence Diagram, Activity Diagram, State Diagram**

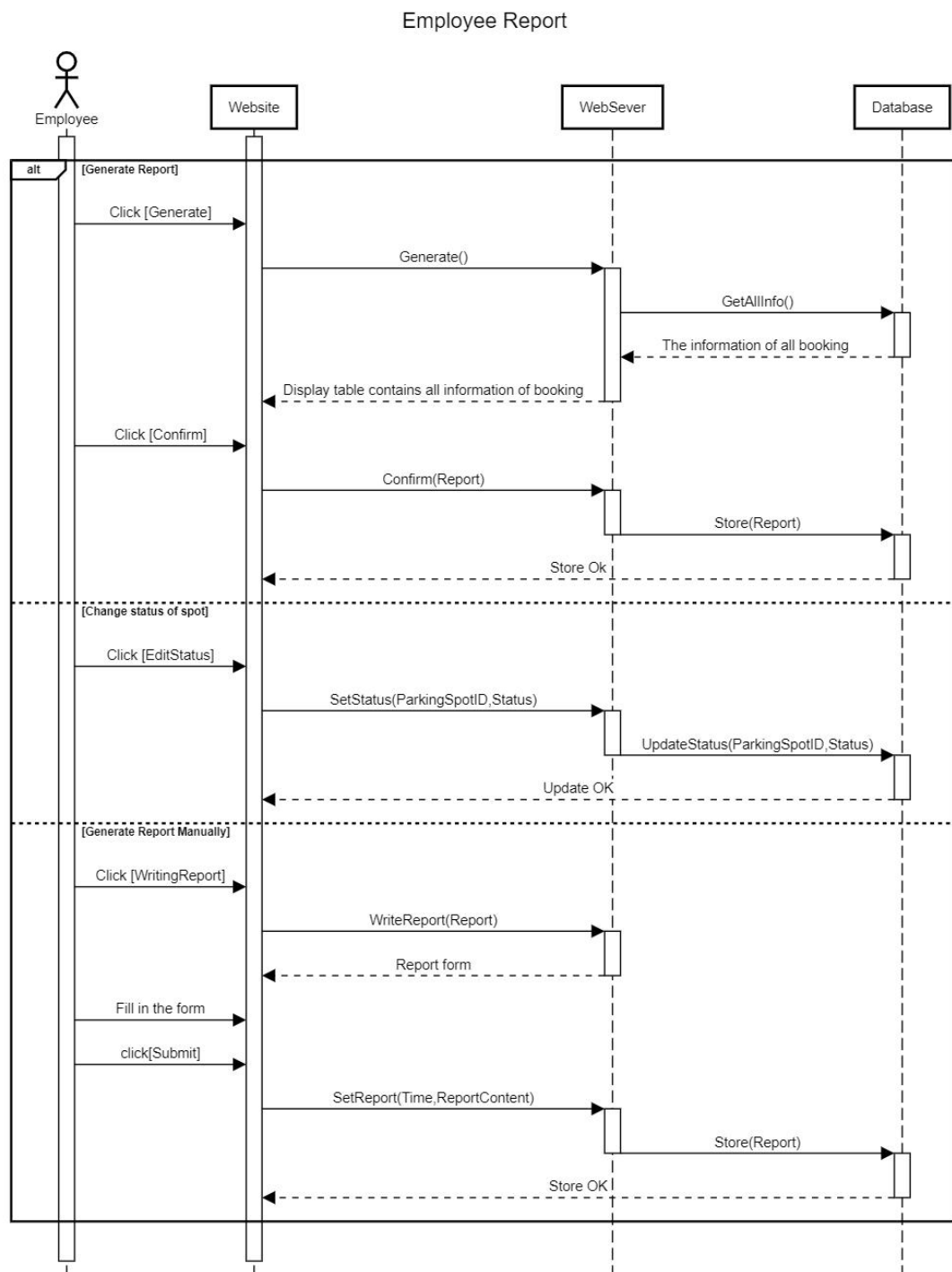
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**Project:** Smart Parking

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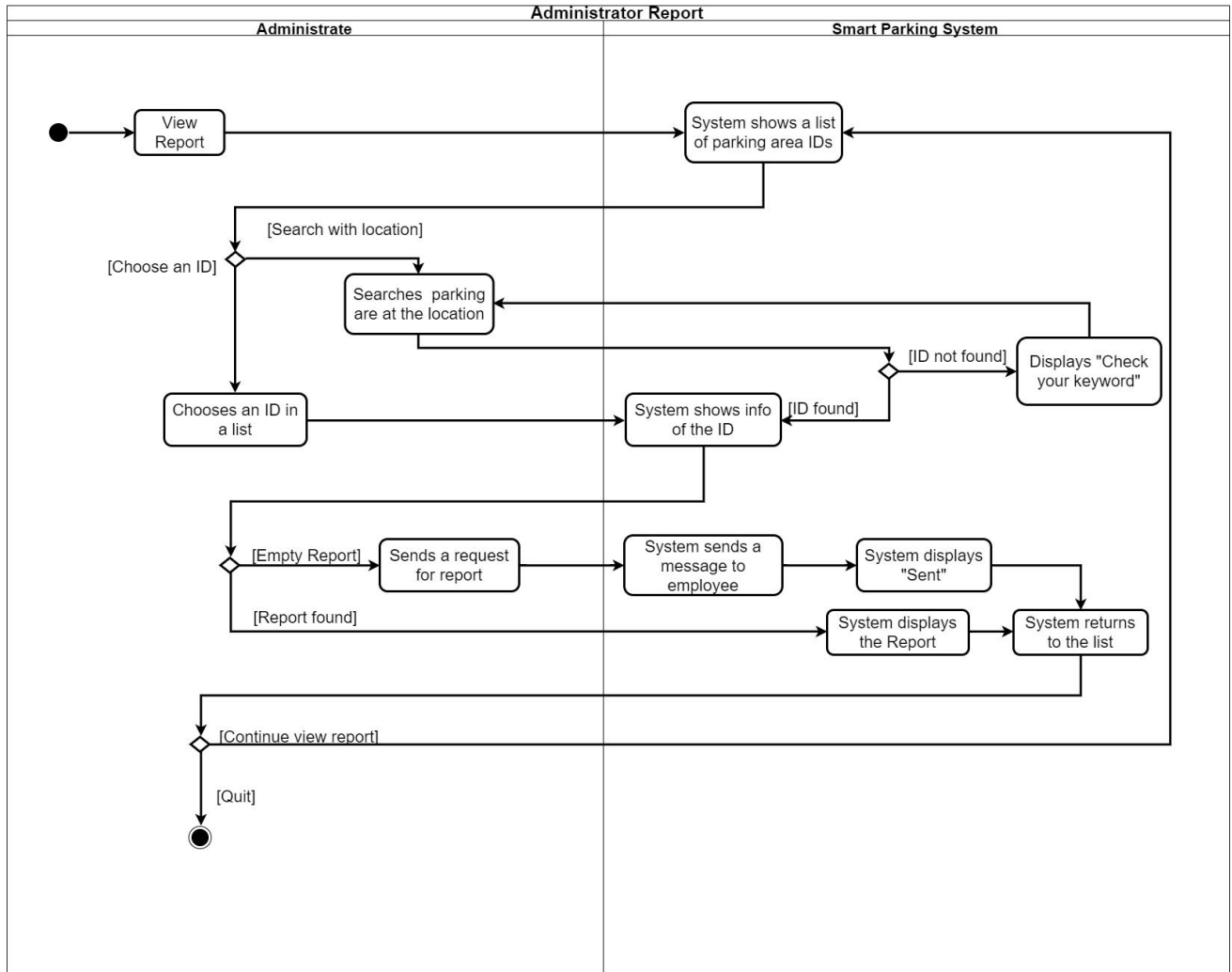
## 1. Sequence Diagram

The diagram shows use-case "Employee Report"



## 2. Activity Diagram

The diagram shows the task of viewing the report of Administrator



### 3. State Diagram

The diagram shows the state of camera controlled by the system

Event definition:

- \_Observing: Camera captures and sends videos back to the system.
- \_Storing: When receiving "Configuration" signal, the camera stops capturing video and focus on storing the video captured. After this, the camera is ready for configuration.
- \_Configuring: Camera receives changes in its setting from the system.
- \_Controlled: Camera is controlled by the users through the system.

