

Figure 1: Sequence Diagrams for Use Case 1.

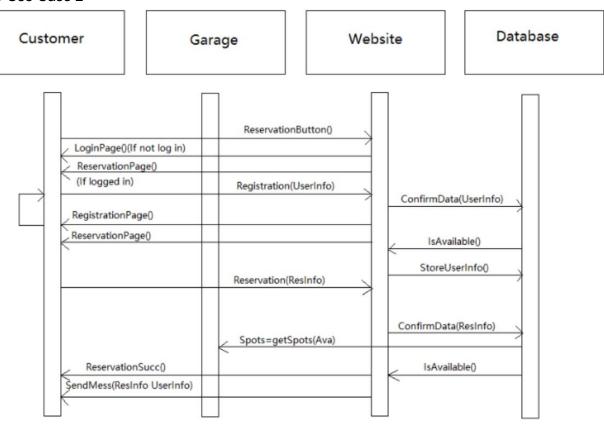


Figure 2: Sequence Diagrams for Use Case 2.

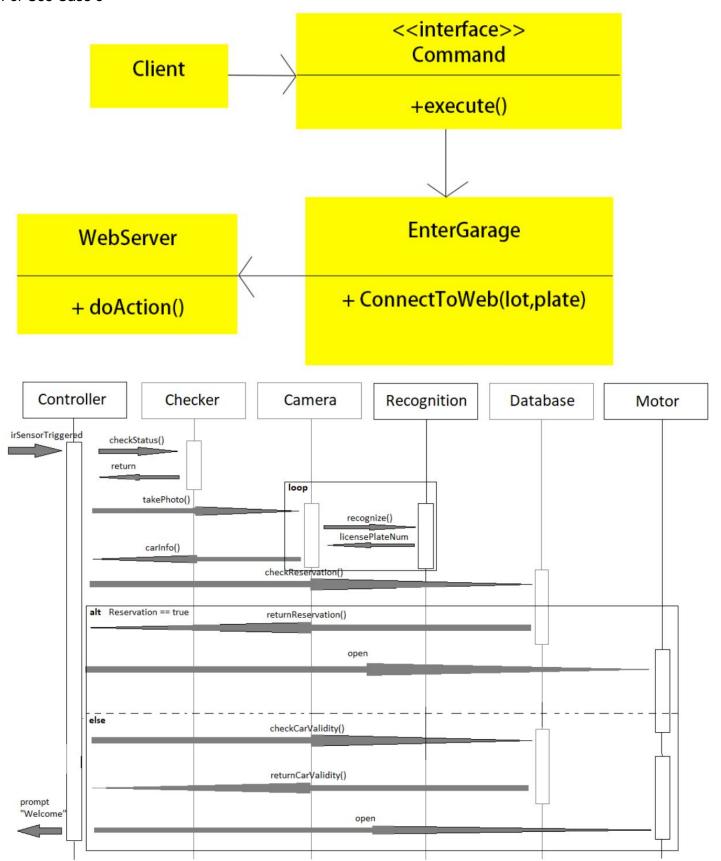


Figure 3: Sequence Diagrams for Use Case 3: Entering the garage. (Pub-Sub diagram)

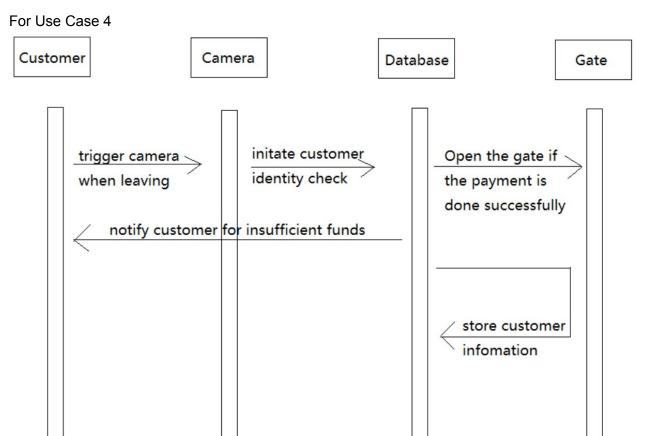
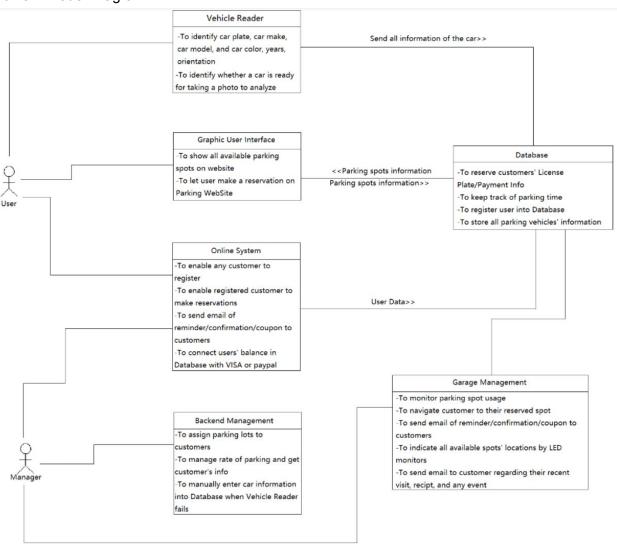
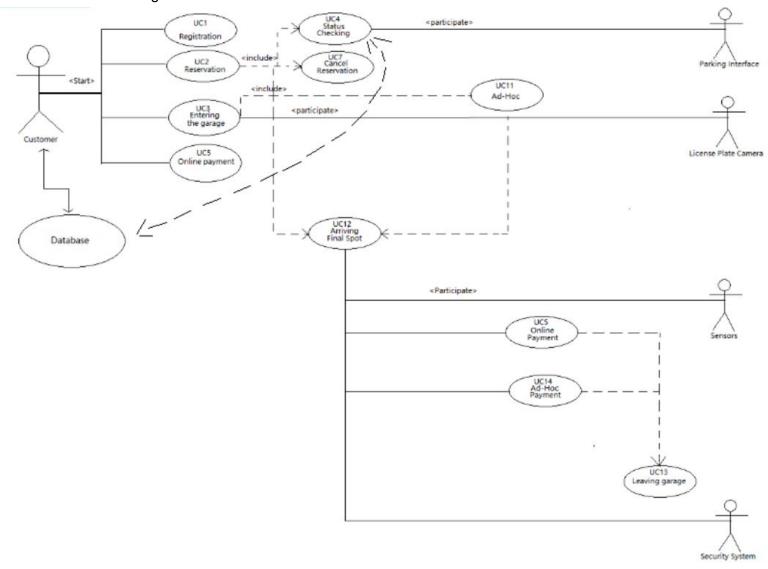


Figure 4: Sequence Diagrams for Use Case 4.

Domain Model Diagram



Customer Use Case Diagram



Parking lot design diagram IR ₽ 5V Power Module Spot 1 BreadBoard StepperMotor **IRSensor** Arduino UNO R3 AndroidPhone /w Adafruit Motor Shield Gate Entrance ArdroidPhone Arduino UNO R3 ServoMotor ServoMotor

Exit

Spot 2

BreadBoard