# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Diagram, schematic

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

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### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

*To run our program, we will first need a web-based application. This will require both a server to host the information on as well as client devices to connect to the server. Since Linux is a dominating force in server hosting, we will use a Linux server for hosting our web-based application. We must have different user accounts created depending on if someone is an administrator or customer. Any modification of user accounts will only be allowed at the administrator level. The system should allow the customer to purchase new packages, create new appointments, modify, or cancel existing appointments, and take practice tests to better prepare them for their driving test. The system must allow the user to view existing appointments.*