# CS 255 System Design Document Template

Miranda Putnam

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generatedDiagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Required Hardware:

* Internet-capable device such as smart phone, tablet, laptop, or monitor with keyboard and mouse
* Server for use of the cloud
* Power sources and charging cables
* Internet hardware such as modem and router
* Company phone for customers to reach the secretary at
* POS system for payment processing

Required Software:

* High-speed internet
* Compatible web browser
* Cloud-software
* Cloud-based database
* Activity tracking software
* Connectivity to DMV information with notifications for updates enabled
* Security software with encryption

Required Tools:

* Programming software such as Eclipse
* Cloud software

Required Infrastructure:

* Building to house employees as well as the cloud server
* Widespread high-speed internet connectivity in DriverPass building
* Cars for driving appointments