# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case DiagramDiagram Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

A picture containing shape

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Hardware Requirements for Host:

* Monitor, keyboard, and mouse for interaction
* Power sources
* Internet provider
* Physical servers (for backups)
* Storage devices (HDD, SSD’s)

Hardware Requirements for Client:

* Desktop, laptop, or mobile device
* Internet access (via wireless or ethernet)
* Power sources
* Internet provider

Software Requirements for Host:

* Windows Server operating system
* DriverPass Software
* Security software for protecting sensitive information

Software Requirements for Client:

* Web browser (Chrome, Safari, Edge etc.)
* Operating system (Mac, Linux, Windows, iOS, Android etc.)

Tools Required for Development:

* Computers with programming software (Visual Studio, Eclipse etc.)
* Internet connection for server upload
* Network admin tools

Infrastructure Required:

* Cloud server provider
* Parking available for workers
* Cars for students/instructors
* Vehicle insurance per state laws
* Credit card processing through third party company