# CS 255 System Design Document Template

This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client’s needs. There is no required length for the final document. Instead the goal is to complete each section based on what your client’s needs are. Remove this note when you are finished, and replace all bracketed text with the relevant information.

## UML Diagrams

### UML Use Case Diagram

Diagram, schematic

Description automatically generated

### Diagram Description automatically generatedUML Activity Diagrams

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram, engineering drawing

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Hardware Requirements

* Server
* Monitor, keyboard, and mouse
* Power sources
* Internet provider
* Desktop or laptop computer
* Wireless card or ethernet

Software Requirements

* Windows Server operating system
* DriverPass Software
* Security software
* Web browser
* Operating system

Tools Required for Development:

* Programming software
* Internet connection for server upload

Infrastructure Required:

* Server location or cloud provider
* Cars for students/instructors
* Insurance as required by law in state of operations