# 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

A computer screen shot of a diagram

AI-generated content may be incorrect.

### UML Activity Diagrams

A diagram of a activity diagram

AI-generated content may be incorrect.

**DriverPass Schedule Appointment User Case Activity Diagram**

A diagram of a schematic

AI-generated content may be incorrect.

### UML Sequence Diagram

A diagram of a student

AI-generated content may be incorrect.

### UML Class Diagram

A diagram of a computer program

AI-generated content may be incorrect.

## Technical Requirements

The technical requirements of this system start with the cloud platform that the system will run on. This platform will need a database to house all of the information that the system utilizes. It will also require a phone system for students to register via the secretary. The secretary will also need a machine able to access the web interface. The system will need to be connected to the DMV to receive updates. A payment processing system will need to be integrated into the web interface. Proper security infrastructure will need to be integrated to handle user passwords and payment information.