# 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

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram, schematic

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated with low confidence

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

1. Hardware

DriverPass will need PCs to handle making appointments, gathering reports and dealing with credentials in the cloud. Currently there is no need for a server, as security and the database are being dealt with in the cloud.

1. Software

There should be software that can integrate in with the DMV, if allowed. It would also be great if the there was an actual application for devices, instead of always using the browser. It is also recommended that there is some type of software to handle book-keeping, which would help DriverPass keep track of finances and records.

1. Infrastructure

The DriverPass website will be hosted by the cloud. There has not been any current vender specified as of now. DirverPass will also need to work internet browsers. There hasn’t been any specified, but it is recommended that it is compatible with as many browsers as possible.