# 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 diagram of a diagram

Description automatically generated

### UML Activity Diagrams

A diagram of a company

Description automatically generated

### UML Sequence Diagram

A diagram of a computer

Description automatically generated

### UML Class Diagram

A diagram of a computer

Description automatically generated

## Technical Requirements

The system will be able to run solely in the cloud for easy management, but will require proper software licensure for the cloud system used. Licensure is also needed for the operating system and database server. The system will be proxied behind the provided cloud, and thus will be able to work well during initial deployment. The IT department will need trained on how to operate this system and fix any errors that could pop up, which if we were talking real scenario, I could personally teach the IT team how to operate this system for a flat (but cheap) fee. Otherwise, the system will be handed over to DriverPass after its initial run-through, and will be DriverPasses responsibility thereafter. Any errors or problems will be handled by the IT team, I am not to be contacted. The system requires little maintenance overall since all aspects are maintainable through its webUI, so if the system crashes a restart is all that is really needed.