# 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

Figure Use Case Diagram

### UML Activity Diagrams

Diagram

Description automatically generated

Figure Activity Diagram - Login Process

Diagram

Description automatically generated

Figure Activity Diagram - Reservation Process

### UML Sequence Diagram

Diagram

Description automatically generated

Figure Sequence Diagram - DMV Update Process

### UML Class Diagram

Diagram

Description automatically generated

Figure Class Diagram

## Technical Requirements

The system should be on the internet and cloud based. The system should be written in an Object-Oriented Programming (OOP) Language like Java. The system needs a web presence so it should use a library like Embedded Tomcat.