# 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 company

Description automatically generated

### UML Activity Diagrams

A diagram of a course

Description automatically generated

A screenshot of a diagram

Description automatically generated

### UML Sequence Diagram

A diagram of a schematic

Description automatically generated

### UML Class Diagram

A diagram of a computer program

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## Technical Requirements

For the system we will be using a cloud-based system. Students will need a device with a stable internet connection. The cloud-based system will host our application. It will cover our database needs and provide security to protect information. The cloud-based system will allow for faster updates and database backup protection. For students the best way to access the material would be by using Chrome. Chrome will also provide an additional layer of security and students should ensure their own use of firewall and anti-virus software. The DMV will have a secure connection to push regulation changes for course updates. IT will perform regular updates on the system for security and longevity purposes.