# 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

*Chart, bubble chart

Description automatically generated*

### UML Activity Diagrams

*Diagram

Description automatically generated*

Diagram

Description automatically generated

### UML Sequence Diagram

*Chart, box and whisker chart

Description automatically generated*

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

This system needs to be developed in an object-oriented programming language with libraries that allow for the connection. Using a client-server model, this will be a web-based system that will have the server maintained and stored using a cloud service. This will work on browsers such as Safari, Chrome, Firefox, Edge, and other popular browsers which can be accessed via mobile device or PC.