# 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

A screenshot of a computer screen

Description automatically generated with low confidence

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

A picture containing graphical user interface

Description automatically generated

## Technical Requirements

*[Based on the diagrams you have created, describe the technical requirements of your system. These requirements should address the required hardware, software, tools, and infrastructure necessary for your system design.]*

Based on the above diagrams, this system is a web application that will require a cloud hosted server. By utilizing cloud services, all users will be able to access the server with different permissions (i.e., a student would not have access to make changes like an admin would). All users who wish to access this system will require valid credentials.