# 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

*Diagram, schematic

Description automatically generated*

Diagram, schematic

Description automatically generated

### UML Sequence Diagram

*Chart

Description automatically generated*

### UML Class Diagram

*[You were asked to create a class diagram based on the different classes and attributes needed for your system design. You are* ***not*** *required to include methods, but you may if you wish. Please insert your class diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s requirements.]*

## Technical Requirements

The main requirement for the system is mostly focused on the admin computers and the user computers. Since the company would like everything to be cloud based, they must also have dedicated servers that will hold the user information in a database along with an active calendar to help students schedule driving times. Other key things is to keep an active backup ready to be used incase the cloud system does go down.