# 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

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Diagram

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*You were asked to choose* ***two*** *use cases and create* ***two*** *activity diagrams, one for each use case. Please insert* ***both*** *of your activity diagrams here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

### UML Sequence Diagram

*[*Table

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*You were asked to create a sequence diagram based on* ***one*** *of the use cases you chose. Please insert your sequence diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

### UML Class Diagram

*[*Diagram

Description automatically generated

*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

*[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.]*

*This system is web based and has the option to make in house appointments as well. You will have to acquire internet access if you would like to set up an online appointment. You will have to have a mobile device that you will allow you to input data. If you do not have a current standard mobile device, you can utilize a laptop, or a regular tower or personal pc. The laptop and the personal pc will need to have the basic keyboard for data entry. You will have to have a windows-based operating system. The version of windows that you are operating within, must be the most update version. You will need at least four to five g of network strength. Regular land line will work, just as long as the internet strength is at lest 4G. 5G is preferred for optimal website performance.*