# 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 person with colored circles

Description automatically generated*

### UML Activity Diagrams

*A screenshot of a diagram

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A screenshot of a diagram

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### UML Sequence Diagram

*A diagram of a person

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### UML Class Diagram

A diagram of a flowchart

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## Technical Requirements

The technical requirements set by the client are accessibility, environment, and hosting requirements. In terms of accessibility, the client’s IT admin has requested that they access all their data from a computer or mobile devices. This gives users and employees more value from our system. The client also requested that their application run as a web application. Running the system through a web-based application also means better accessibility to users. There is no need to download extra software, as any mobile device with a web browser is sufficient. Lastly, they have requested that their system run on a cloud-based server. Their reasoning being that they don’t really want to worry about the technical aspects of running a physical server like security or backup.