# 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

Description automatically generated

Diagram

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### UML Sequence Diagram

Diagram

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### UML Class Diagram

Diagram

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## 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.]*

* Hardware
  + Linux or AWS based cloud platform
  + Client side device
    - Mobile phone/tablet
    - Windows base computer
    - OSX base computer
* Software
  + Internet browser
* Infrastructure
  + Active and stable internet connection
* Tools
  + Development environment
  + Development device