# 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 picture containing diagram, text, plan, circle

Description automatically generated

### UML Activity Diagrams

A diagram of a flowchart

Description automatically generated with low confidence

A picture containing screenshot, diagram, text, plan

Description automatically generated

### UML Sequence Diagram

A picture containing text, diagram, technical drawing, plan

Description automatically generated

### UML Class Diagram

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Description automatically generated

## Technical Requirements

In terms of technical requirements, the system needs to run on all available platforms. The system also needs to be able to handle multiple instances of user logins without the site suffering a decrease in run speed or performance. The backend data will be held and maintained by the cloud.