# 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

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### UML Activity Diagrams

Diagram

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### UML Sequence Diagram

*A picture containing letter

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### UML Class 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.]*

The system should need a moderately fast server. Preferably running Windows. There can be multiple backup servers. All servers will be connected over the internet. Hardwire would be preferred and the additional servers should be in different geographical locations in the case of outages.

The system itself can run as its own software either in Java or C++ ideally. The system will pull from databases and there are no specific requirements for the databases. Just that they are backed up and updated after every action that should call for a database update.