# 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 text, diagram, screenshot, line

Description automatically generated

### UML Activity Diagrams

*A diagram of a flowchart

Description automatically generated with low confidence*

A picture containing diagram, screenshot, text, design

Description automatically generated

### UML Sequence Diagram

A picture containing text, screenshot, diagram, parallel

Description automatically generated

### UML Class Diagram

A picture containing text, diagram, plan, technical drawing

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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.]*

From my diagrams the system will need:

* Multiple servers on a cloud based platform
* System needs to be able to run on all operating systems
* System needs run on computers, mobile devices, and kiosks
* Multiple storage devices with encryption to protect customers