# 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 diagram

Description automatically generated

### UML Activity Diagrams

*A diagram of a system

Description automatically generated*

A diagram with yellow squares

Description automatically generated

### UML Sequence Diagram

*A diagram of a process

Description automatically generated*

### UML Class Diagram

*A diagram of a computer

Description automatically generated*

## Technical Requirements

Based on the diagram I created, there were a few technical requirements. These were validating payments, user requests, user permission, login request and password rests. For hardware requirements we need dedicated servers, reliable internet connection. Enough storage for the database and website data. Needs to have user safeguard and access to mobile and desktop. For infrastructure we would need website access in the united states and have a data center.