# 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 graph paper with writing on it

Description automatically generated

### UML Activity Diagrams

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### UML Sequence Diagram

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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.]*

**requirements:**

- the system shall require a server

- the system shall require power & internet to access server

- the system shall encryption to keep data secure

- the system shall have a mouse, monitor, and keyboard to interact with server

- the system shall have driver pass software

* The system shall have admin tools to edit and monitor website
* The system shall have a credit card contract to process credit card payments
* The system shall Insurance (required via law)
* The system shall have a clear and easy to understand interface for users