# CS 255 System Design Document

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 screenshot of a computer

Description automatically generated

### UML Activity Diagrams

A diagram of a flowchart

Description automatically generated

A diagram of a company

Description automatically generated

### UML Sequence Diagram

A diagram of a person's workflow

Description automatically generated

### UML Class Diagram

A close-up of a diagram

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## Technical Requirements

Based on the diagrams I've developed, several technical requirements for my system are evident. These include validating payments and user requests, managing user permissions, enabling the ability to disable packages, handling login requests, and facilitating password reset functionalities. These requirements are crucial for ensuring the secure and efficient operation of the system while maintaining user access and data integrity.