# 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

Description automatically generated

### UML Activity DiagramDiagram Description automatically generatedDiagram Description automatically generated

### UML Sequence DiagramDiagram Description automatically generated

### UML Class Diagram

Diagram

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## Technical Requirements

*For this system we will need no hardware since we will use a service to provide the equipment and storage. Most likely we will use AWS or Azure. The backend administration server will be Linux. We will need to get a payment service to be added. Then we will need a database server. This will host an authentication method such as Kerberos or LDAP for user login. The database server will hold all the user’s data and appointments. The frontend system should be able to be accessed by several operating systems such as ios, windows, android as well as several browsing option like chrome, firefox and safari.*