# 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 close up of a map

Description automatically generated

### UML Activity Diagrams

**User Login:**

A close up of text on a white background

Description automatically generated

**Figure User Login**

**Scheduled an Appointment:**

A screenshot of a cell phone

Description automatically generated

**Figure: Schedule an Appointment**

### UML Sequence Diagram

A screenshot of a cell phone

Description automatically generated

**Figure: Sequence Diagram**

### UML Class Diagram

A screenshot of a cell phone

Description automatically generated

**Figure: Class Diagram**

## Technical Requirements

* Server needs to run the backend services database and the web interface and it needs consistent internet connection for that.
* Payment service is integrated.
* Computer with web browser for office use of the interface.
* Payment processing service.