# 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 picture containing text, diagram, sketch, drawing

Description automatically generated

### UML Activity Diagrams

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Description automatically generated*

### UML Sequence Diagram

A diagram of a customer registration sequence diagram

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### UML Class Diagram

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## Technical Requirements

The system will be hosted by 3rd party servers per client request. Client & customer devices flexible due to Web-based nature of application.

The system will be a web-based application, accessible via all of the most common browsers.

The system will be available 24/7 (excepting maintenance/deployment).

Change logs and payment receipts will be recorded constantly for management records.

Security protocols will restrict user access rights based on assigned roles.