# 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 diagram of a student

Description automatically generated

### UML Activity Diagrams

Account Login and Registration

A diagram of a login form

Description automatically generated

Administrator Role – Account Management

A diagram of a computer flowchart

Description automatically generated

### UML Sequence Diagram

A diagram of a software system

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### UML Class Diagram

A diagram of a computer

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## Technical Requirements

The software requirements for the system could include a server to maintain the database, security software to protect the user’s personal information. A cloud server would be a good recommendation for requiring the least maintenance.

Hardware requirements would include a compatible device to access the system, such as a computer or mobile phone. Connection to the Internet would also be required.

Assuming the use of the cloud, you wouldn’t need to worry about the location of a physical server.