# 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 screenshot of a computer Description automatically generated

### UML Activity Diagrams

### A diagram of a diagram Description automatically generated

### UML Sequence Diagram

A diagram of a diagram

Description automatically generated

### UML Class DiagramA diagram of a computer program Description automatically generated

## Technical Requirements

*[Based on the diagrams you have created, describe the technical requirements of your system. These requirements should address the required hardware, software, tools, and infrastructure necessary for your system design.]*

*Software and Hardware Requirements for Host:*

*Internet provider*

*Physical server*

*Power source*

*Driver Pass software.*

*windows server operating system*

*docker software for controlling VM traffic.*

*Security software to protect all the important information.*

*Infrastructure required.*

*Server location or cloud provider.*

*Tools for developer*

*Computer*

*Internet connection*