# 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 software flowchart

Description automatically generated

### UML Activity Diagrams

A diagram of a login account

Description automatically generatedA diagram of a user login

Description automatically generated

### UML Sequence Diagram

A diagram of a user account

Description automatically generated

### UML Class Diagram

*A diagram of a company

Description automatically generated*

## Technical Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | *Hardware* | *Software* | *Tools* | *Infrastructure* |
| *Company* | *Physical server, computer equipment, internet provider, power sources, firewall* | *Windows operating system, SQL server for database, DriverPass software, Security to protect user information,* | *Computers, Internet, Network admin tools for monitoring security* | *Server location* |
| *User* | *Computer or mobile device, reliable Internet connection, needed storage* | *Web browser (chrome, firefox), operating system (Mac, Linux, Windows)* |  |  |