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8/14/2024

# 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 DiagramA diagram of a company Description automatically generated

### UML Activity Diagrams

A computer screen shot of a diagram

Description automatically generated

A screenshot of a flowchart

Description automatically generated

### UML Sequence Diagram

A screenshot of a computer

Description automatically generated

### UML Class Diagram

A computer screen shot of a computer flowchart

Description automatically generated

## Technical Requirements

Hardware:

* A physical server
* Reliable internet connection
* Storage for the server
* Power management system
* Monitors and other peripherals such as keyboards and mice
* ISP

Software

* Windows operating system
* DrivePass software
* SQL server for the database
* A Windows server
* Security software to protect user information
* A cloud server

Location Information

* The server can be in a secured data center and can be accessed from anywhere in the world
* The DrivePass website should be accessible in the United States but can be accessed by users with a VPN