# 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

### Diagram, schematic Description automatically generatedUML Use Case Diagram

### UML Activity Diagrams

*Diagram

Description automatically generated*

*Diagram

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### UML Sequence Diagram*Diagram Description automatically generated*

### UML Class Diagram

*Diagram

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## Technical Requirements

For this system to be able to function for everyone, figuring out the hosted web server would need to be place at the top of the list of things to be done. This system is going to be entirely web-based so figuring out the server will help determine the rest of the system. DriverPass does not what to have to worry about security personally, by doing their system via cloud-based helps take that burden off them. Doing the cloud-based system takes the problem of security and puts into the hands of the service provided and would allow them to not have to worry about physical security and most of the software security as well. Since they are going to be taking calls and setting up appointment over the phone, they are going to need a call center to do so. With taking calls and having an online system they will need to have an internet and phone provider to be able to do so. There would also need to be a backend for the system admin to reset passwords and create new account for employees and new students.