# 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 person's life cycle

AI-generated content may be incorrect.

### UML Activity Diagrams

A diagram of a computer program

AI-generated content may be incorrect.A diagram of a process

AI-generated content may be incorrect.

### UML Sequence Diagram

A diagram of a server

AI-generated content may be incorrect.

### UML Class Diagram

A screenshot of a computer diagram

AI-generated content may be incorrect.

## Technical Requirements

*Driverpass should use cloud based systems as they are cheaper for their business as a whole and allow them to offload many security features and server costs onto a bigger company with more resources. The team members should all have computers so they can use the system properly and provide feedback using their computers. These computers should all have backups and be equipped with safety features so that the employees do not fall victim to phishing attempts and viruses along with having regular meetings to discuss the latest security problems as the number one risk as far as security goes is user error. These employees also need to be able to access the company portal at any time so they can make changes to the reservations and schedules should they need to. This needs to be accessed online and offline on computers and phones with the windows, macOS, android, and iOS operating systems.*