# 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

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram, schematic

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.]*

The technical requirements that are need for this system to be successful are a moderate speed internet at the least. This is due to DriverPass being a web-based application. The system will need a cloud-service with security, that ensures protected transit of payment information and PII. The main code base will be C++ or Java because they both scale well. We will also need servers, printers and devices that can handle Windows, since it will be the main software used in the office.