# 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



### UML Activity Diagrams

A screenshot of a diagram

Description automatically generated

### UML Sequence Diagram

A diagram of a customer service

Description automatically generated

### UML Class Diagram

A diagram of a software company

Description automatically generated with medium confidence

## Technical Requirements

The DriverPass System should the following technical requirements:

1. **Hardware:** 
   1. The system shall run on a server with network connection that has a minimum of 10G connection speed.
   2. The system shall provide a minimum storage space for the DriverPass website application and database.
2. **Software:** 
   1. The system shall provide an interface for users to enter a username and password combination in order to authenticate with the system.
   2. The system shall allow the user to register for training.
   3. The system shall allow the user to cancel previously scheduled trainings.
3. **Infrastructure**
   1. The system shall encrypt all customer information both in transit and at rest.
   2. The system shall provide redundant servers for all system services.
   3. The system shall allow for remote maintenance from authorized users.