# 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 picture containing text, map

Description automatically generated

### UML Activity Diagrams

A picture containing clock

Description automatically generated

### A picture containing object, clock Description automatically generated

### UML Sequence DiagramA screenshot of a cell phone Description automatically generated

### UML Class Diagram

A close up of text on a black background

Description automatically generated

## Technical Requirements

For the DriverPass system we have some technical requirements that we have. The system is going to run off of the latest browser that work on computers and mobile devices. The system will run on AWS servers to lower cost and burden on the company. The devices the users will interact with it will have to be recent and connected to the internet. We will need to add in a payment authenticator when the students purchase the packages. Another technical aspect is our Geological location and how we work with the state DMV and those are the laws we teach. This would have to be done differently if it were to be used in another state.