# CS 255 System Design Document

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

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### UML Activity Diagrams

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

The DriverPass system will need to have a robust complex of hardware and software. On the hardware side, the system will require a server to house a database and the basic web application. At least one router will need to be set up as well to help route traffic to the server and enhance security. There will need to be security and a fast and reliable connection to the internet. All of these will work together to ensure the system is secure and the customers have the best experience possible. On the software side of the system, we will need to have a database management software like mySQL. A system, security, and access management software would be very beneficial to help the admin and IT teams maintain security.