# 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

*[In Module Six, you were asked to complete a use case diagram based on your system design. If you would like to make any adjustments to your diagram, please do so. Please insert your use case diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

*A diagram of a diagram

Description automatically generated*

### UML Activity Diagrams

*[You were asked to choose* ***two*** *use cases and create* ***two*** *activity diagrams, one for each use case. Please insert* ***both*** *of your activity diagrams here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

*A diagram of a process

Description automatically generated*

*A diagram of a computer program

Description automatically generated with medium confidence*

### UML Sequence Diagram

*[You were asked to create a sequence diagram based on* ***one*** *of the use cases you chose. Please insert your sequence diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s needs.]*

*A diagram of a diagram

Description automatically generated*

### UML Class Diagram

*[You were asked to create a class diagram based on the different classes and attributes needed for your system design. You are* ***not*** *required to include methods, but you may if you wish. Please insert your class diagram here. Check to make sure that you included appropriate components and symbols and that your design meets the client’s requirements.]*

*A diagram of a computer

Description automatically generated*

## Technical Requirements

DriverPass is committed to providing a secure and reliable platform for its users. We will use a web-based system hosted on the Cloud to ensure all data is kept safe and backed up. Owners and administrators can access important information and reports via mobile devices, making it easy to stay up to date on all aspects of the business. Our system will store all user data, logins, and other important information in a secure and easily accessible location on the Cloud. To ensure maximum security and integrity, all data will be encrypted as it is transmitted from users to the system. This approach will make our platform easy to use, safe, and updatable. To maintain the highest levels of security, only specific individuals within the company will have access to the system. This includes the owner, administrator, employees, and users. By limiting access to only those who need it, we can ensure that our platform remains secure and free from unauthorized access.