# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*Diagram

Description automatically generated*

### UML Activity Diagrams

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| --- | --- |
| *Diagram  Description automatically generated* | *Diagram  Description automatically generated* |

### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

The DriverPass application should be available to anyone that has access to an internet connection. With that being said, this service needs to have a host while users access their services. A host is someone who typically monitors the systems maintenance and other properties that DriverPass doesn’t want to hold responsibility for. These hosting services are typically from third party outfits/companies who will monitor these responsibilities. This can be done for many things, but as new customers register and create accounts or existing customers try to log in there needs to be a form of authentication that will authorize a users credentials to make sure they are valid upon logging in. Another use of a hosting service is a payment service, as DriverPass will need a payment service to be able to accept payments from customers. Lastly, since the main objective of the business DriverPass is to better prepare individuals for their driving tests, I think it’s important for the DriverPass system to be connected to DMV so they can get updated on new laws, regulations and guidelines that will protect individuals in motor vehicles.