# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram



### UML Activity Diagrams





### UML Sequence Diagram



### UML Class Diagram



## Technical Requirements

The technical requirements for this system are a web or cloud-based infrastructure and connection to the DMV. The company has requested the system be run on the web or cloud. DriverPass needs a cloud or web-based infrastructure to minimize technical problems for the company and to reduce its dealings with backup and security. The system must be connected to the DMV for compliance. It must notify the company if updates have been made by the DMV.

Another technical requirement is that some information (activity reports) should be accessible in the office or at home for printing. Other requirements are a computer, keyboard, and mouse to access and interact with the system. Security measures include a login system and password resetting by the admin or the customer. The IT Officer will have the ability to disable packages and update the system. There also must be an online payment software included so that customers are able to purchase a package on driverPass.