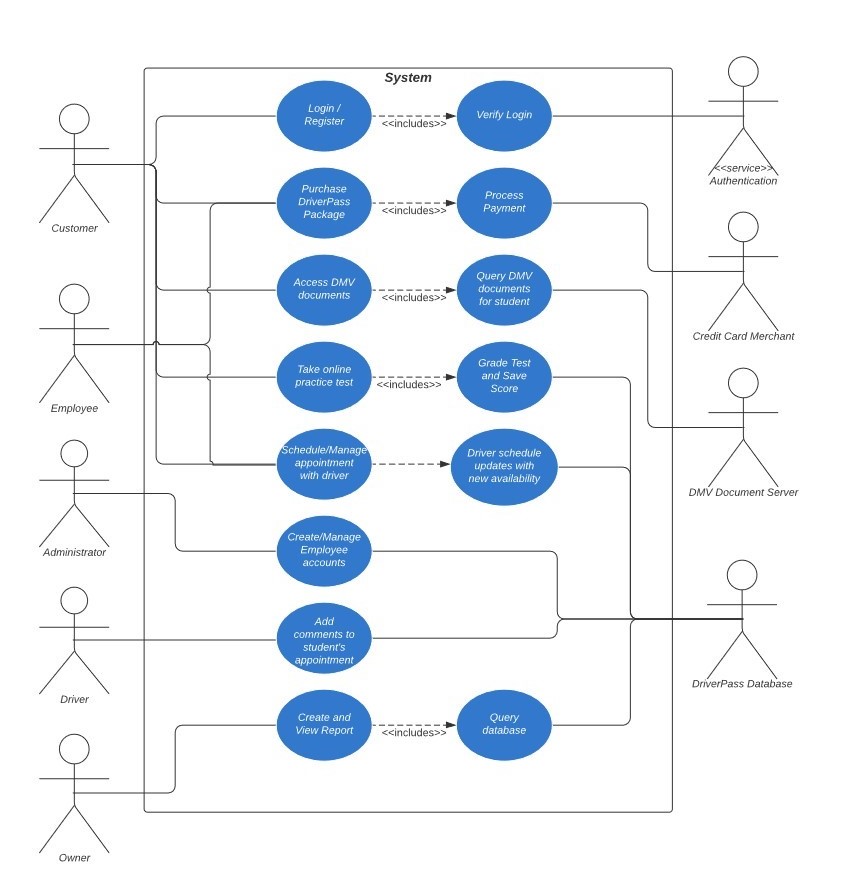
# CS 255 System Design Document Template

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.

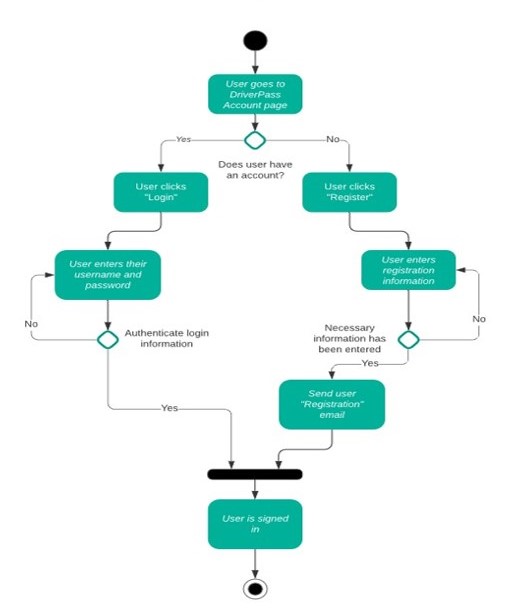
## UML Diagrams

### UML Use Case Diagram

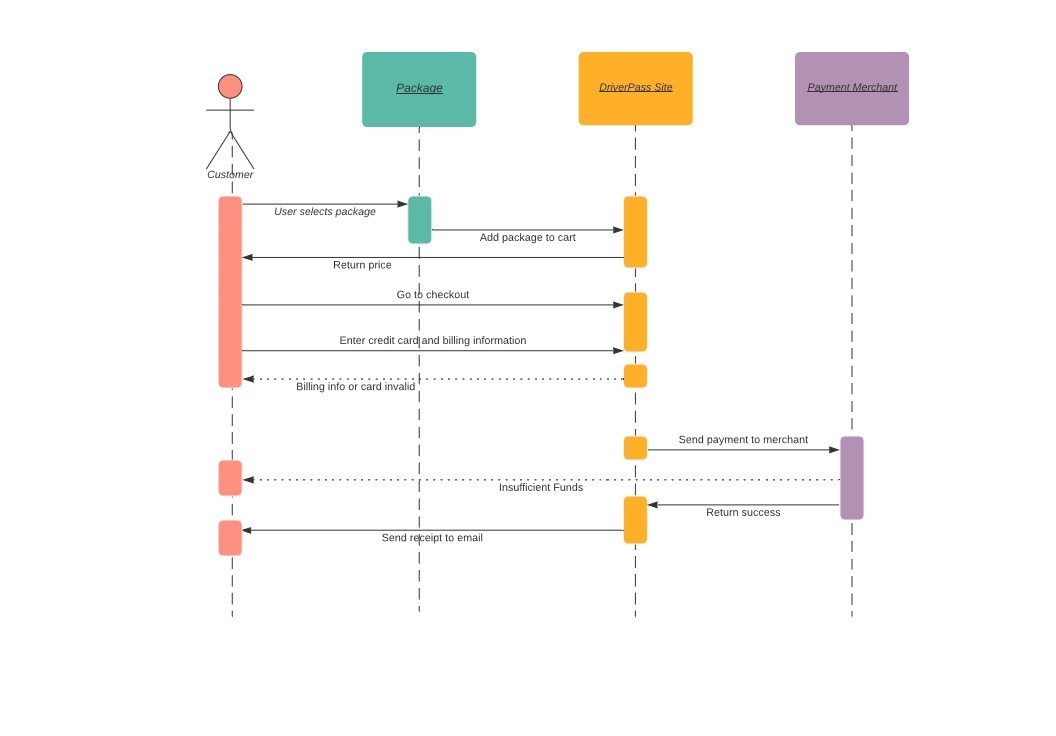


### UML Activity Diagrams

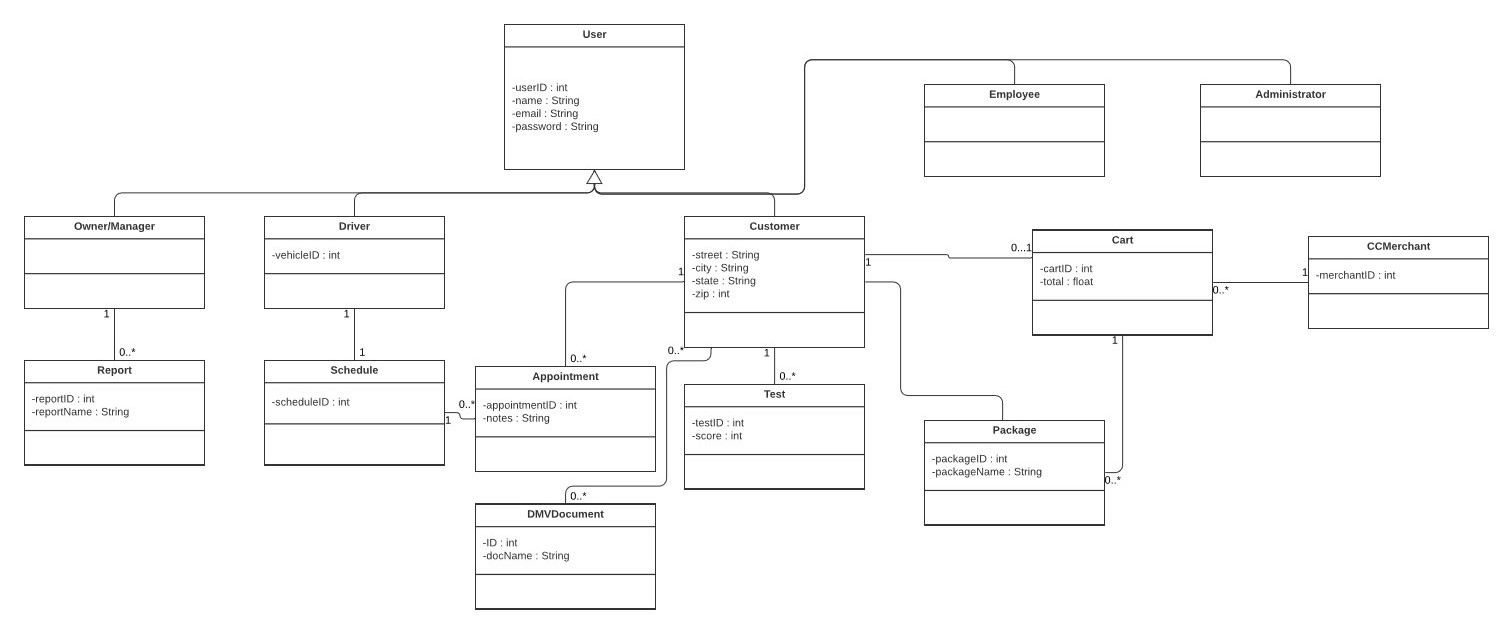
Log in & register activity diagram



### UML Sequence Diagram



### UML Class Diagram



## Technical Requirements

Hardware

* High speed internet
* Cisco router.
* End user devices (Tablet, computer)

Software & tools

* Microsoft 2016 server
* Firewall software
* Security software (Rapid-7, Splunk, DLP)
* Database server

Infrastructure

* Active directory on premises and Azure Active directory