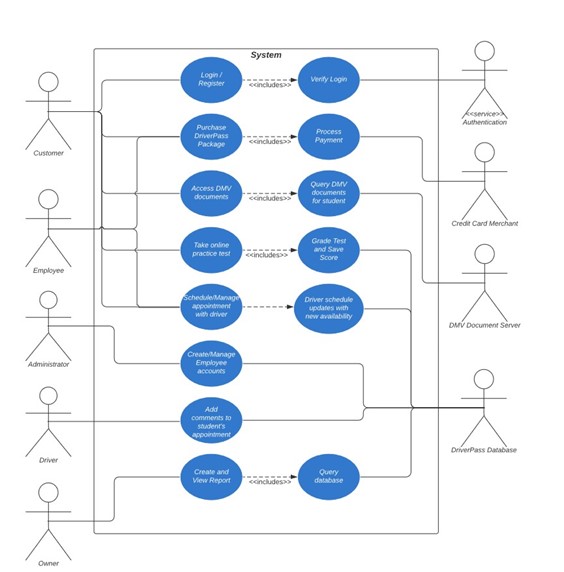
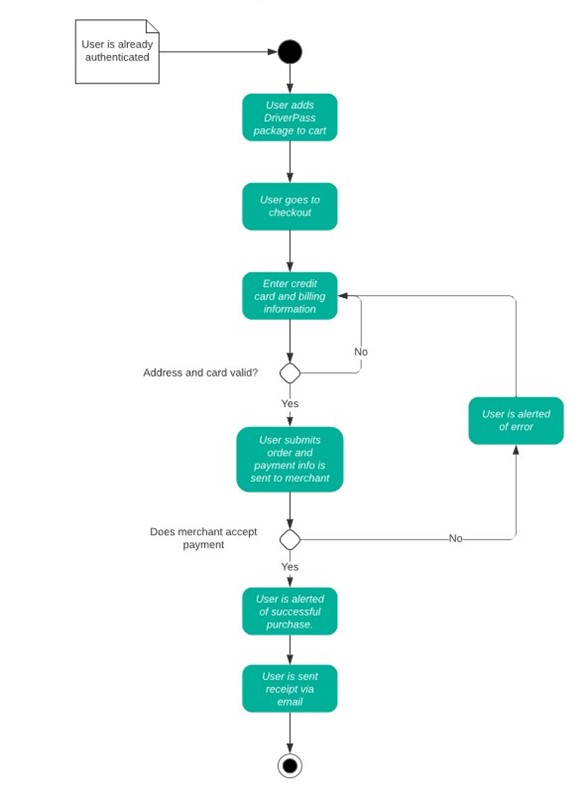
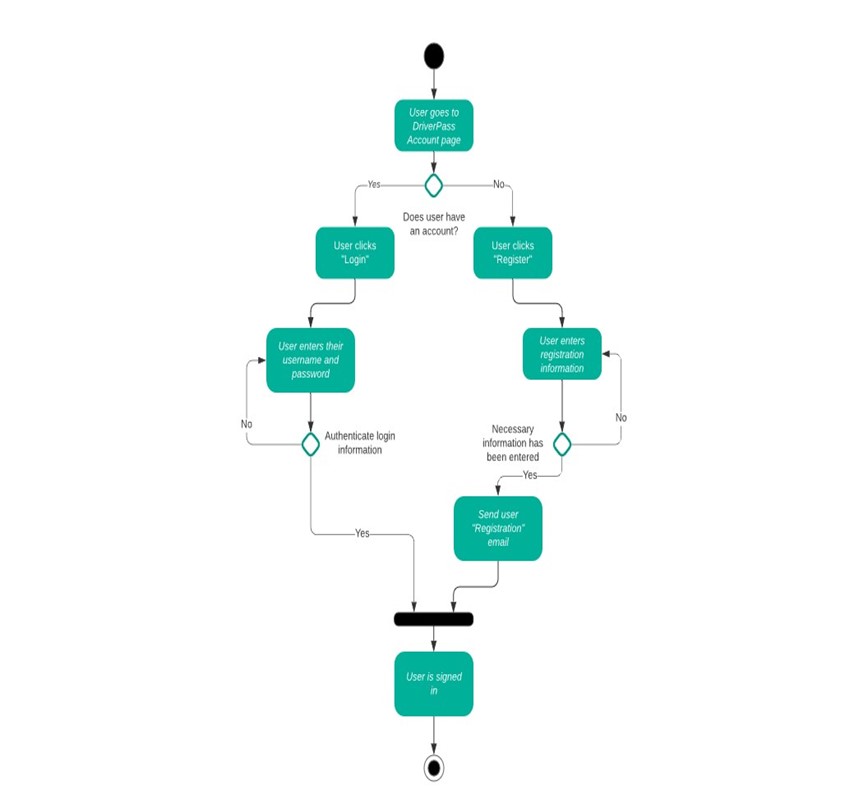
# CS 255 System Design Document

## UML Diagrams

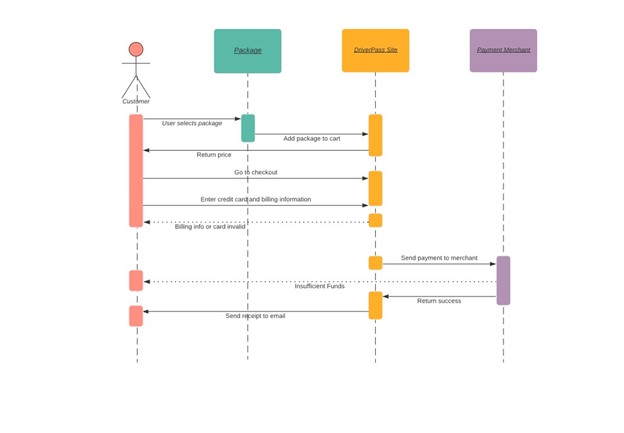
### UML Use Case Diagram



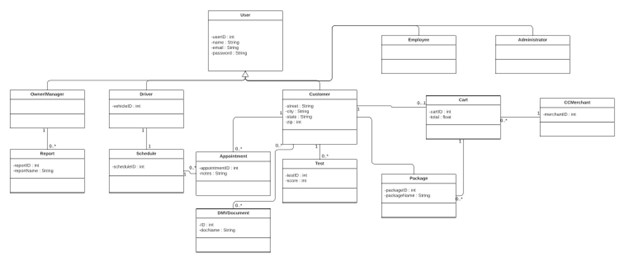
### UML Activity Diagrams

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

* Hardware
  + Dedicated Server
  + Internet connection
  + Storage for database and website data
  + Computer or mobile device for user to access website
  + A firewall to protect website ports
* Software
  + Windows Server (recommended), most stable release
  + SQL Server for database (recommended), most stable release
  + Backup software for website and database
  + A web server like Apache or Azure
  + Security software to prevent malware
* Geographic Information
  + Website should be accessible in the USA
  + Server for website and database is secured in datacenter
  + Server should be in a central location