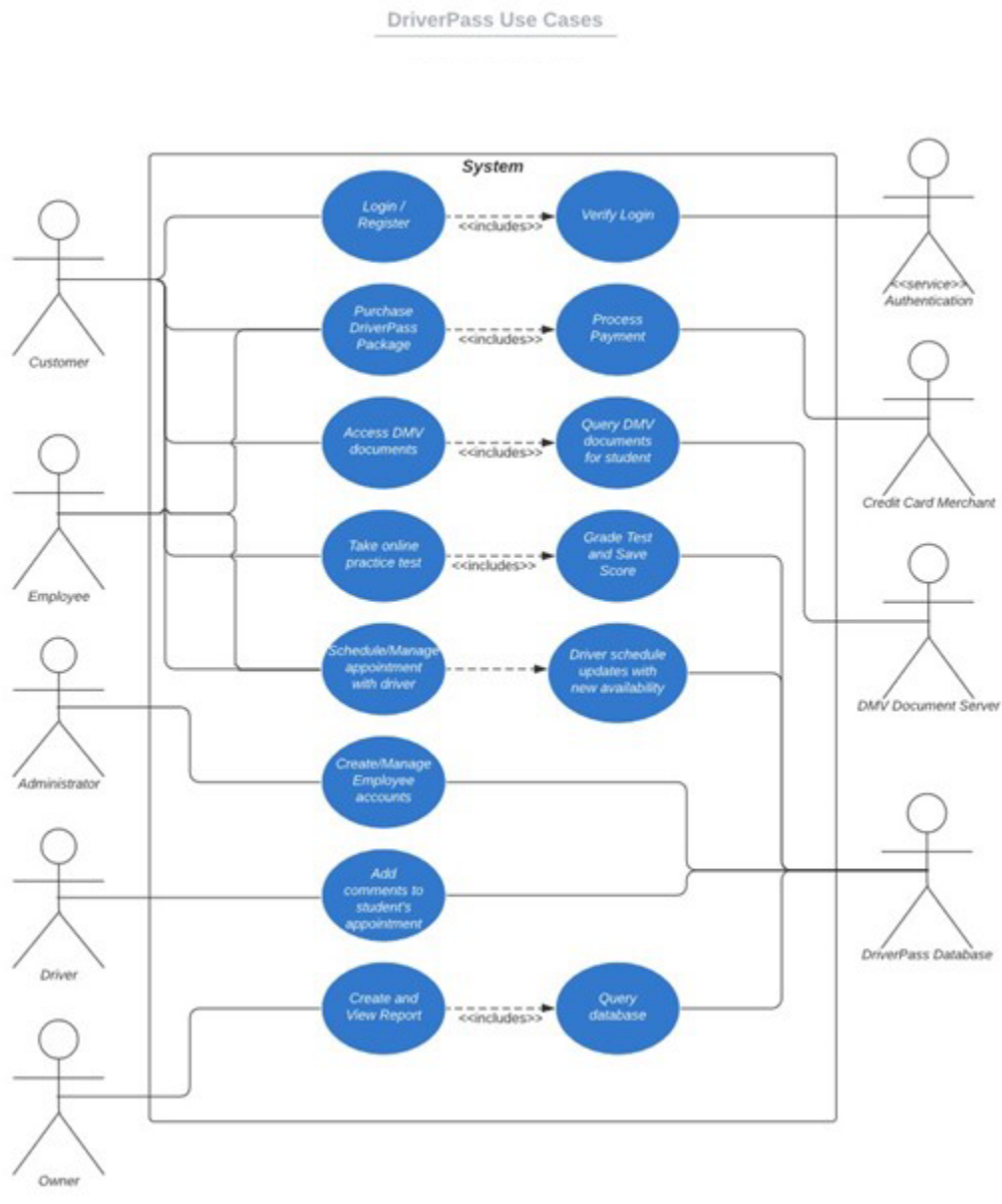


## CS 255 System Design Document Template

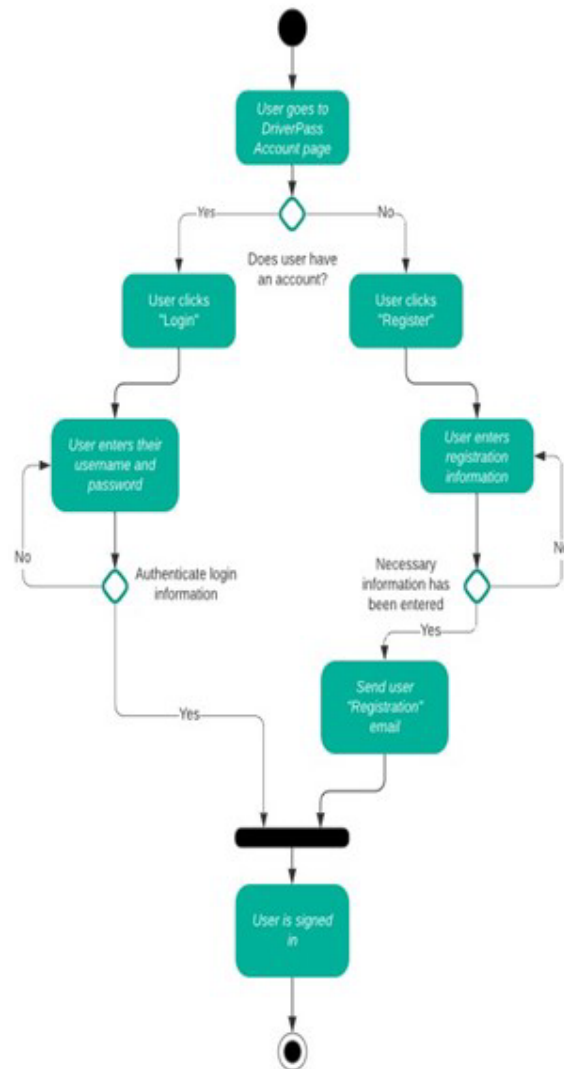
### UML Diagrams

#### UML Use Case Diagram



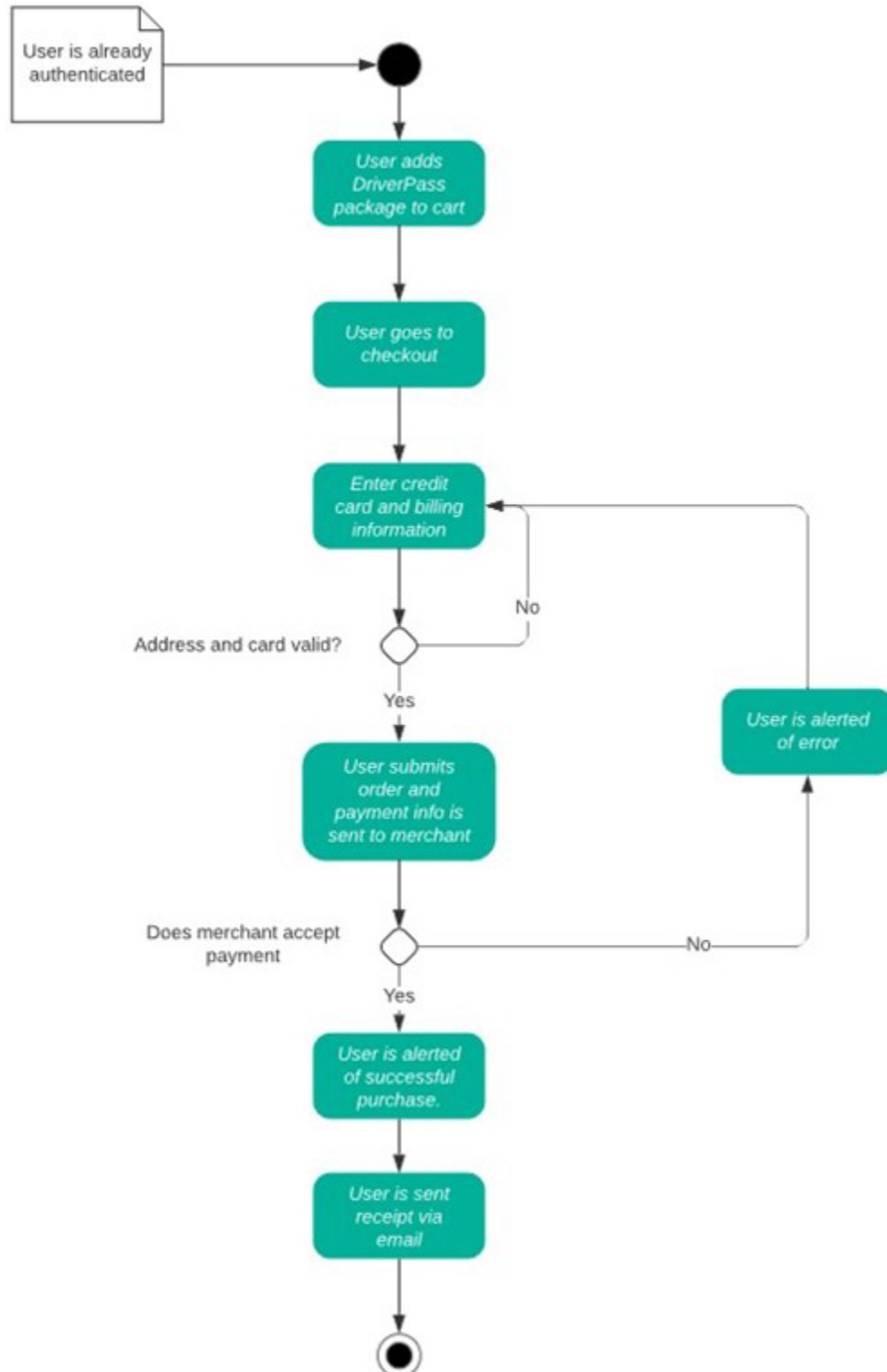
#### UML Activity Diagrams

Login/Register Activity diagram

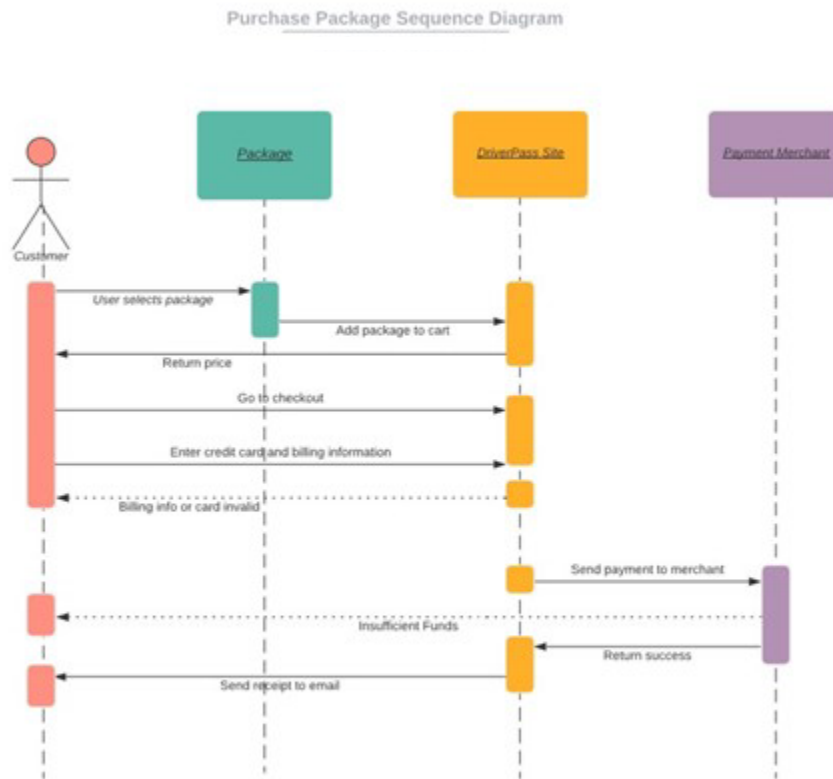


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## Purchase Package Activity Diagram

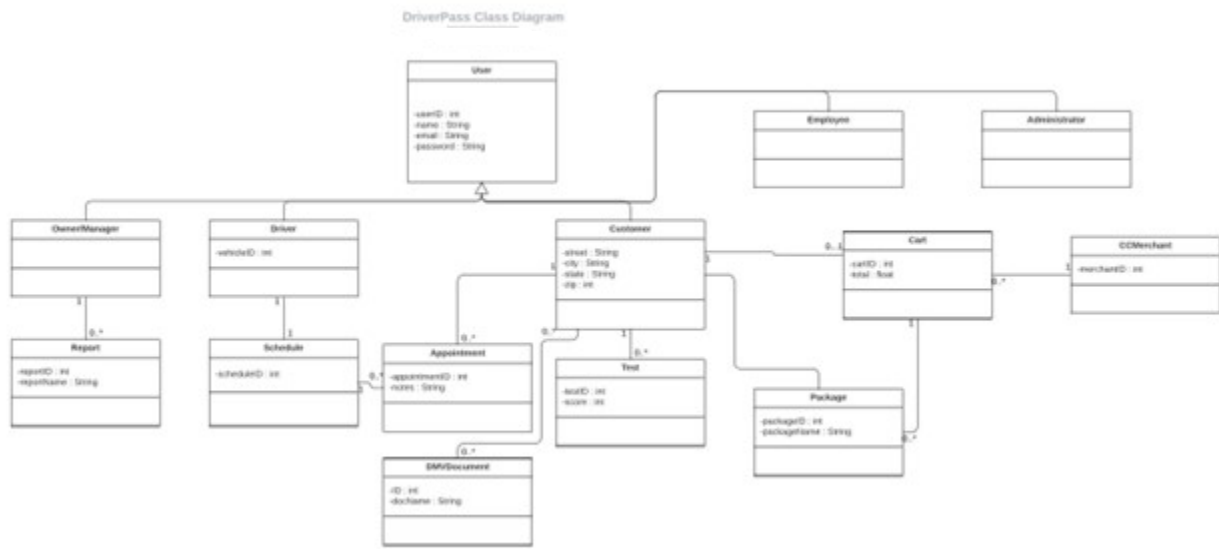


## UML Sequence Diagram



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## UML Class Diagram



## Technical Requirements

### I. Hardware

- ? Internet Connection
- ? Dedicated Server
- ? Data storage for databases and websites
- ? The user can view the website on a computer or mobile device
- ? A firewall to safeguard the ports on websites

### II. Applications

- ? Windows Server, the most stable version (recommended)
- ? The most stable version of SQL Server is recommended for databases
- ? Database and website backup software
- ? An Apache-style web server
- ? Malware prevention with security software

### III. Geographic Data

- ? America should be able to visit this website.
- ? The data center has a secure server for websites and databases.
- ? The server ought to be situated in the middle.