# CS 255 System Design DriverPass

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## UML Diagrams

### UML Use Case Diagram

A picture containing diagram, text, circle, screenshot

Description automatically generated

### UML Activity Diagrams

A diagram of a flowchart

Description automatically generated with low confidence

A picture containing diagram, screenshot, text, design

Description automatically generated

### UML Sequence Diagram

A picture containing text, diagram, parallel, design

Description automatically generated

### UML Class Diagram

A picture containing text, diagram, plan, parallel

Description automatically generated

## Technical Requirements

Hardware requirements DriverPass System:

* Physical server
* Networking equipment for physical server
* Internet connectivity
* Computers
* Power source

Software requirements DriverPass System:

* Run on Linux Operating System
* DriverPass system operating on all web applications

Tool Requirements DriverPass System:

* Computer with programming software
* Internet connectivity for server
* Network administration tools

Infrastructure DriverPass System:

* Cloud-based server and security

Client hardware requirements:

* Laptop, Desktop, phone, or tablet
* Internet connectivity
* Power source

Client software requirements

* Web browser application (Google Chrome, MicrosoftEdge, Firefox)