# DriverPass Design Document

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

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### UML Sequence Diagram

### Diagram Description automatically generated

### UML Class Diagram

Diagram, schematic

Description automatically generated

## Technical Requirements

Hardware

* Any device with access to a web browser: iPhone, Android Phone, iPad, Android Tablet, Mac, PC, or Samsung Refrigerator.
* Mouse and Keyboard or touchscreen display to navigate and provide inputs to the LMS.

Software

* The DriverPass system should provide student drivers with practice exams to study and practice online.
* The DriverPass system should provide students and administrators with the tools to make reservations for behind-the-wheel lessons.
* The DriverPass web application will host homepages for various users of the DriverPass system.
* The DriverPass system should track reservations and behind-the-wheel lessons.
* The owner should have access to documents and reports on any device away from the office.

Geographic Information and Other

* The DriverPass system will have a web-based Learning Management System (LMS) and a brick-and-mortar physical location near their local DMV.
* The database will be located and managed on cloud services.