# DriverPass

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## UML Diagrams

### UML Use Case Diagram

A diagram of a person's diagram

Description automatically generated

### UML Activity Diagrams

A diagram of a flowchart

Description automatically generated

A diagram of a company

Description automatically generated

### UML Sequence Diagram

A screenshot of a computer

Description automatically generated

### UML Class Diagram

*A diagram of a computer

Description automatically generated with medium confidence*

## Technical Requirements

* Windows would be the best platform for this system to run on. 80% of computer users are running some form of windows.
* The familiarity of the platform will require less training to understand.
* We will need a database to help store and organize the data of every user.
* Different users should be assigned a driver ID number.
* This will keep organization simple.
* Primary and foreign keys in a database are best connected with a ID number as well.
* Their names will not be case sensitive. A loop will be put in place to make names in all caps.
* The system will run off the web. It is preferred that it is run off the cloud.
* Backup and security should be taken care of.
* Users will see online test progress, driver notes, personal information, and special needs.
* DriverPass wants the system to allow users to gain access their data from anywhere, both online and offline.
* Established a foundation on the cloud can help ensure this can happen.
* There is not a current system that is helping drivers pass exams properly
* This system will do just that.
* A database will be needed to help track driver data
* Primary keys and foreign keys with be used to connect data in different tables
* Mobile devices or computers should be able to gain access.
* Proper security measures will be in place to product every clients data.
* The information technology officer will have the ability to reset passwords if needed.
* An App should also be developed that can be downloaded through the Apple or Androids app store.