# System Design Document

## UML Diagrams

### UML Use Case Diagram

Diagram

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generatedDiagram

Description automatically generated

### UML Sequence Diagram

Diagram, engineering drawing

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Because the system will be cloud-based, the server and other aspects should be created using Python as the programming language. Using a cloud-based system will also allow for interconnectivity because an internet connection will be required for use. The platforms should extend from Windows and Mac to Android and iOS. This will allow users to access the application through a mobile device, this is a presumed need as the app will help students stay connected to drivers and access information needed for a drive.