# CS 255 System Design Document

.

## UML Diagrams

### UML Use Case Diagram

Diagram, schematic

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

The system should run on all common PCs and mobile devices. To limit interference with lessons, we should limit scheduled maintenance to a frequency of no more often than once a month. The system should run fast enough that no page or request takes more than 20 seconds for a common user to load.

The system must run on Windows, but support for other platforms is desirable. The system requires both user history and package information to be stored that can be accessed any time during DriverPass’s business hours, from anywhere in the state(s) they operate in.