# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

Chart, diagram

Description automatically generated

### UML Activity Diagrams

Diagram

Description automatically generated

### UML Sequence Diagram

Diagram

Description automatically generated

### Diagram Description automatically generated

### UML Class Diagram

## Diagram Description automatically generated

## Technical Requirements

The 2 technical requirements that must be met by the system for the best user experience are availability and ease of use. Since the application is going to be mostly web based the system must be always available and maintenance of the system must be scheduled well before hand to minimize user impact. The system must also be reliable so the user can access the system at anytime. The system must also be easy to use. Since it is a requirement to have a license to drive on public roads any person over the age of 16 can get their license at any time. Since the system will most likely have users of all ages along with employees that can be any age the system must be simplistic. All skill levels never enjoy a difficult program, so to keep a returning customer base the application must be easy to use.