# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*Diagram

Description automatically generated*

### UML Activity Diagrams

*Diagram, schematic

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

System should have Two-Factor Authentication when signing on

System should always be operational other than scheduled and communicated downtime for maintenance

System should be operating using cloud computing software

System should implement different roles to user depending on what they need to do. For example, driving instructors should have different access compared to a regular customer

Most roles should not be able to view sensitive user information

System should be operable on most major browsers and operating systems people use

System should have a bug-reporting feature and notify the team when it detects a problem, such as long latency pings or unresponsiveness

System should restrict reservation access to only where drivers are available