# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram*Diagram, schematic Description automatically generated*

### UML Activity Diagram*Diagram Description automatically generated*

*Diagram

Description automatically generated*

### UML Sequence Diagram

*Diagram

Description automatically generated*

### UML Class Diagram

*Diagram, schematic

Description automatically generated*

## Technical Requirements

* System must connect to a payment process system for orders.
* Web browser Needed
  + Chrome, Internet Explorer, FireFox, Microsoft Edge, Samsung Internet, Safari
* Hardware Needed
  + DriverPass must have a computer with a keyboard and mouse or a laptop for their secretary.
  + Customer must have a form of technology that can access a web browser.
    - Phone, Computer, Tablet, Laptop
* Internet Access
  + DriverPass needs an internet provider to run the system for their secretary in office.
  + Customer needs internet access to use the system through a web browser.
* The system database must be connected to the cloud to allow offline access to logs.
* System will run on a Cloud server to minimize chances of outages and to update automatically.
* User’s hardware must have an OS that can run a web browser.
  + Microsoft Windows, MacOS, Linux, Android, iOS, ect.