# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram

*Diagram

Description automatically generated*

### UML Activity Diagrams

Diagram

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

There are several technical requirements needed for our DriverPass system. First is the hardware required to use the system. In other words, are we going to access the system through a mobile device, a computer(desktop, laptop), or both? My suggestion will be to implement it using only mobile devices because nowadays, everyone relies on buying, registering, and selling stuff through a cellphone or tablet. However, this might not be a good option for the administrator because he might not be able to access the reports and make the necessary adjustments. Therefore, it would be essential if we could access the system using both hardware options. The second technical requirement is the operating system. The client needs to decide whether to implement using Windows, Linux, or Mac. Of course, we can use the system on any operating platform; however, it might be expensive and time-consuming. We also need to ensure that the platforms are the most up-to-date versions and install the latest security software. Finally, the client and our company need to agree on what coding language we will use to design the system. In addition, a cloud platform to store and manage the security of the system is needed.