# CS 255 System Design Document Template

DriverPass Design 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

#### Performance Requirements

* I believe the system should run in both web base and application. The system should be able to run properly as user might want to take online practice test with duration. The system needs to be updated or check for updates every 60 days.

#### Platform Constraints

* There are no specific platforms for the system. But it should be able to run on any type of device. Yes, the backend should have online database or cloud to save all the information of the user.

#### Accuracy and Precision

* The user also required to input all the personal information and a profile photo. Yes, it is case sensitive as the user is trusting the system and providing all the information. The system should inform the admin in critical situations like if the info is leaked, any other person is trying to get access of a user, the account password is tried many times etc.

#### Adaptability

* I believe yes, I can but the company needs system analyst for it to add, change or modify the things. The systems should be updated within every 60 days. The IT admin should have the access of all the accounts so they can either add/remove or block the access of user.

#### Security

* The user needs to provide first & last name, email, phone number, credit card, profile photo etc. The data must be kept secured between the client and the server. The account should be able to freeze if there is hacking attempt. The It admin should be able to provide the user the temporary password so he can send the actual password.

### Functional Requirements

* The system shall be able to save the user credentials.
* The system shall be able to give access the user about the package user selected.
* The system shall be able to check the updates.
* The system shall be able to save log in or check in info of driver and user.