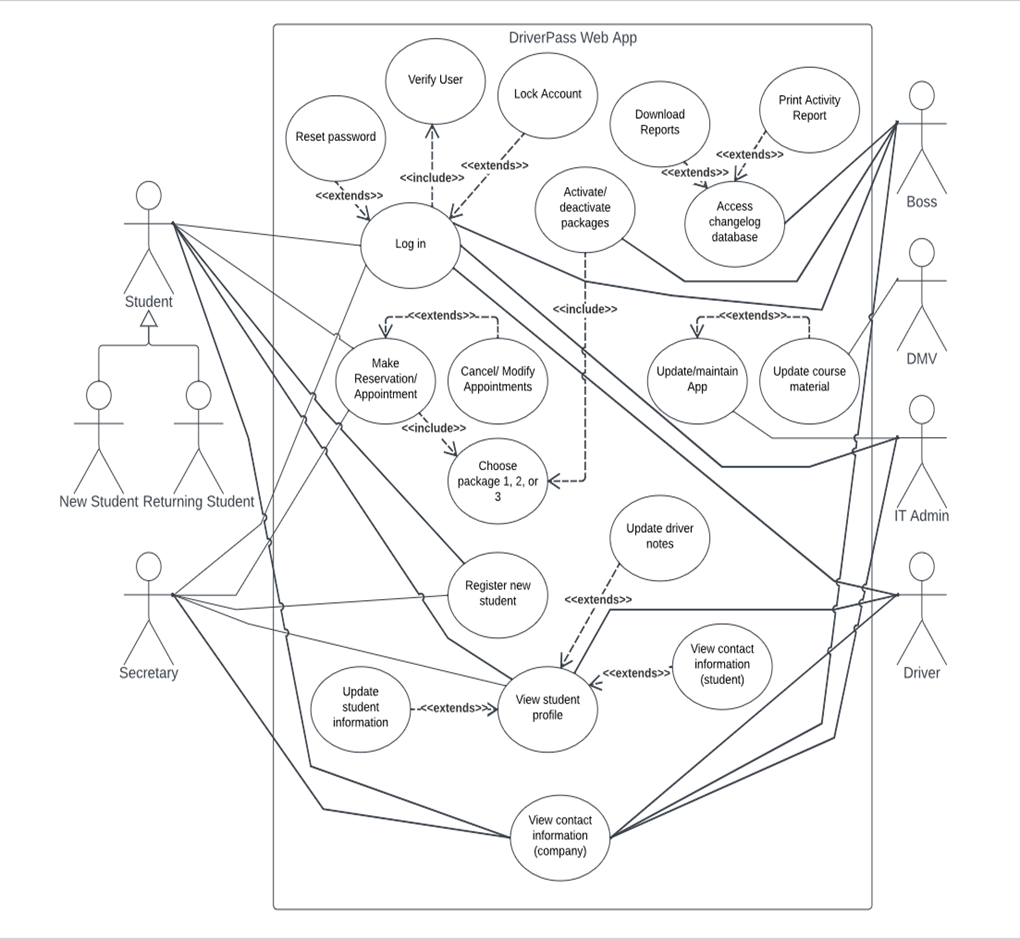
# CS 255 System Design Document Template

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## UML Diagrams

### UML Use Case Diagram

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### UML Activity Diagrams

User login and Student profile access/modification use cases:

Diagram

Description automatically generated

### UML Sequence Diagram

Use case: User logging into system

Diagram

Description automatically generated with low confidence

### UML Class Diagram

Diagram

Description automatically generated

## Technical Requirements

Hardware:

* Hosts for system
* Computers/mobile phones for access

Software:

* Cloud-based architecture to run system
* System itself
* Modern, updated web browser
* OS that runs on computer or mobile device to access browser
* C++ coding
* Security for system

Infrastructure:

* Sufficient storage for data needed by system
* Sufficient RAM for browser access
* Security for protecting system hosts
* Consistent wired connection to internet for system