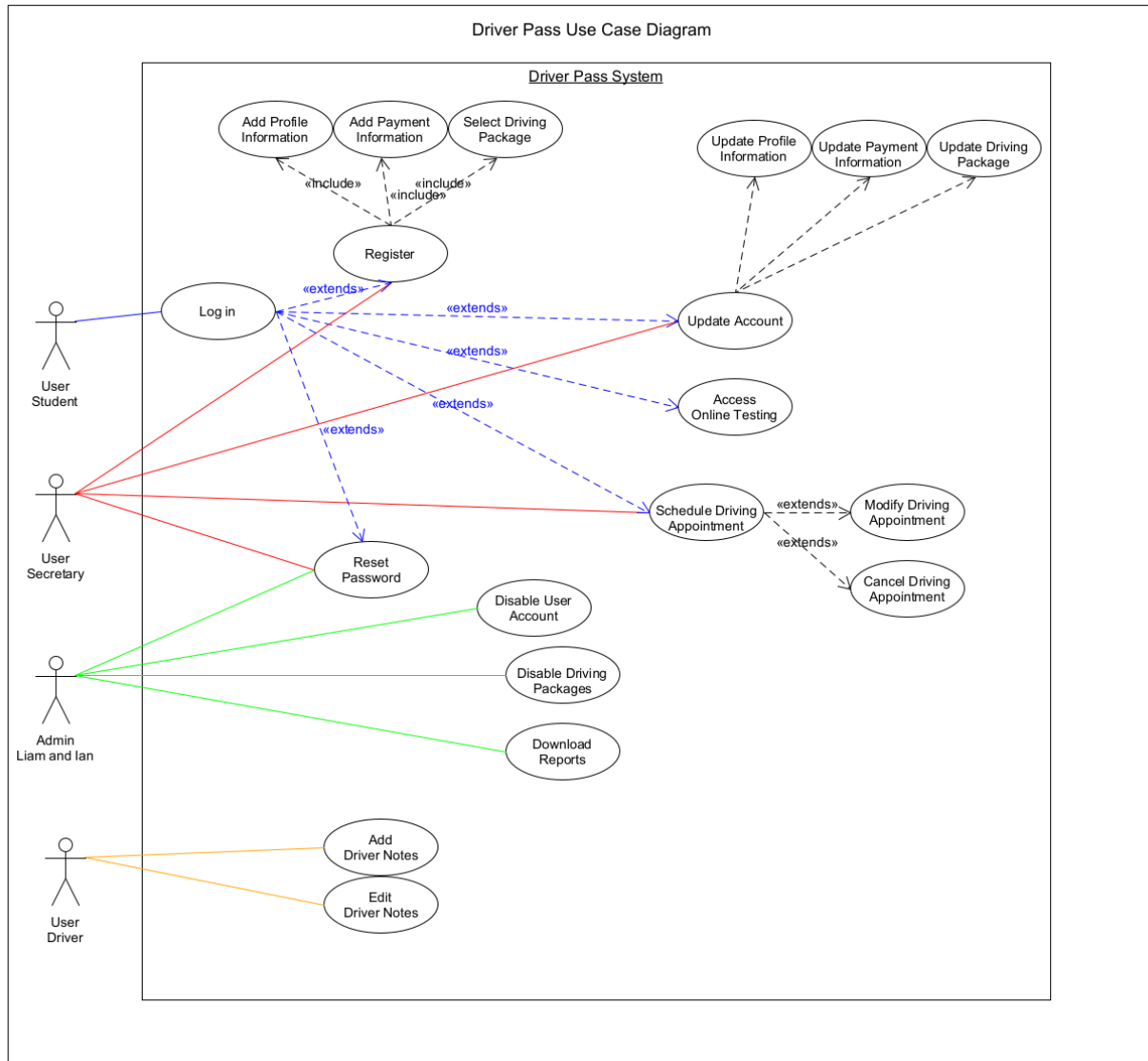


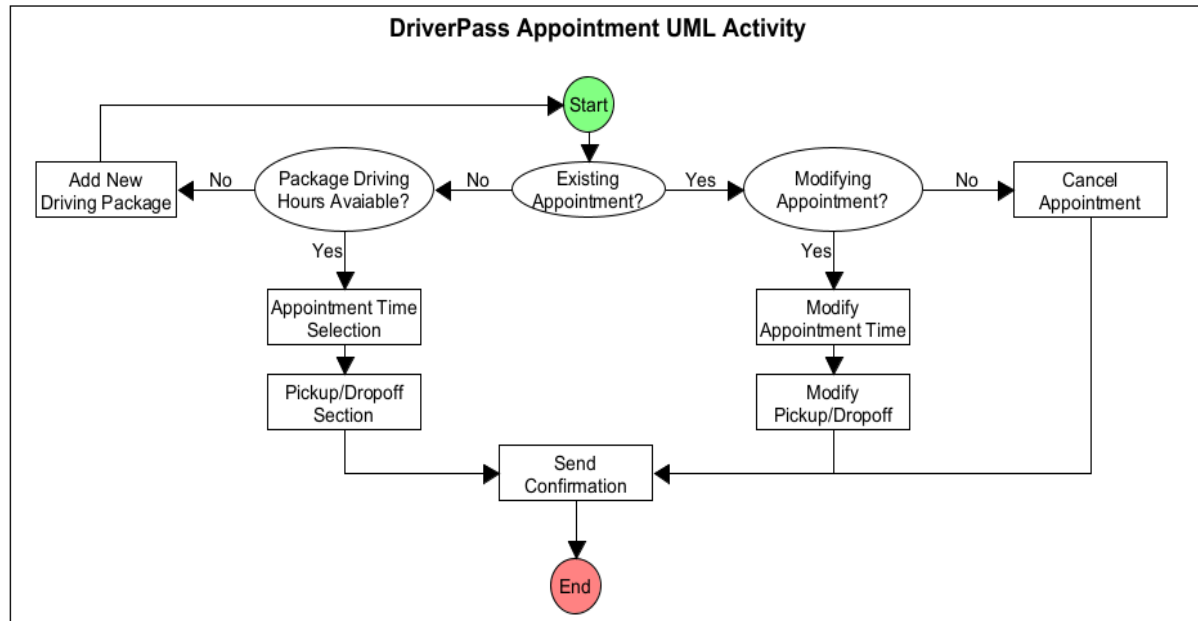
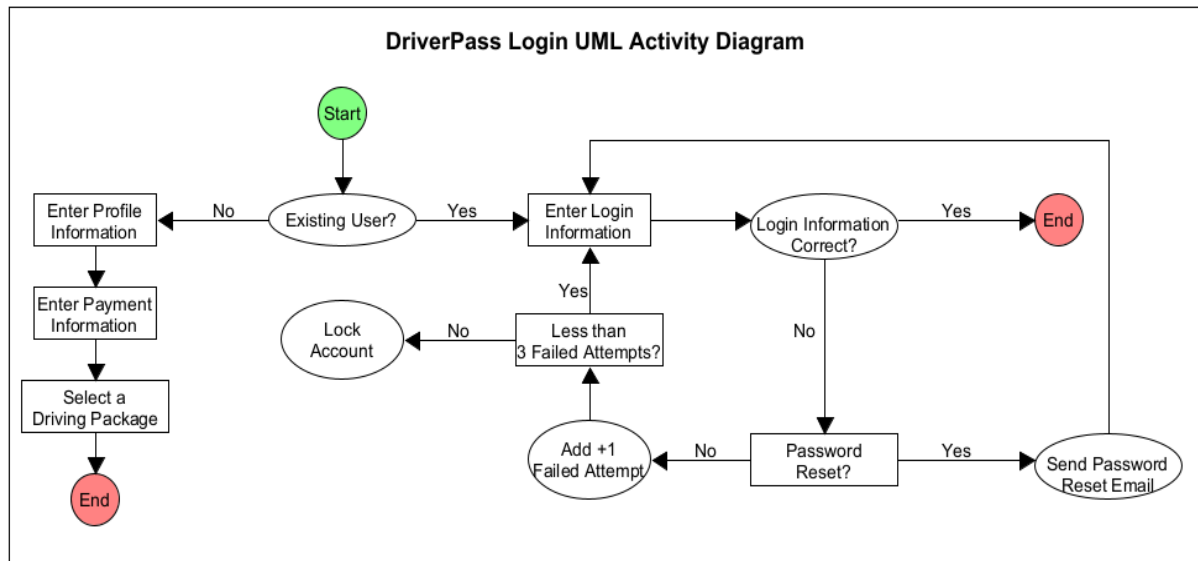
**Marisa Kuyava**  
**CS 255 System Analysis and Design**  
**System Design Document**

## UML Diagrams

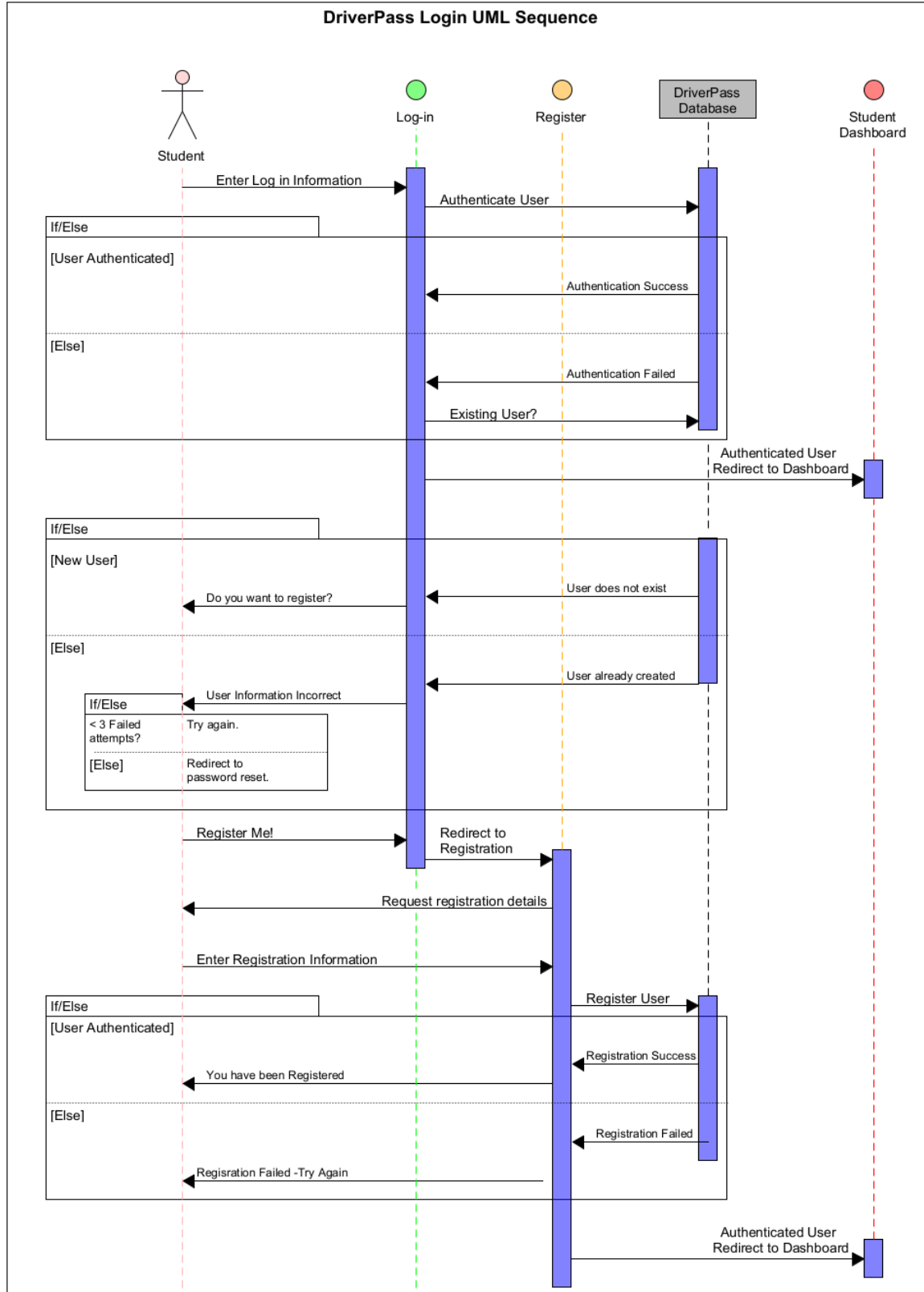
### UML Use Case Diagram



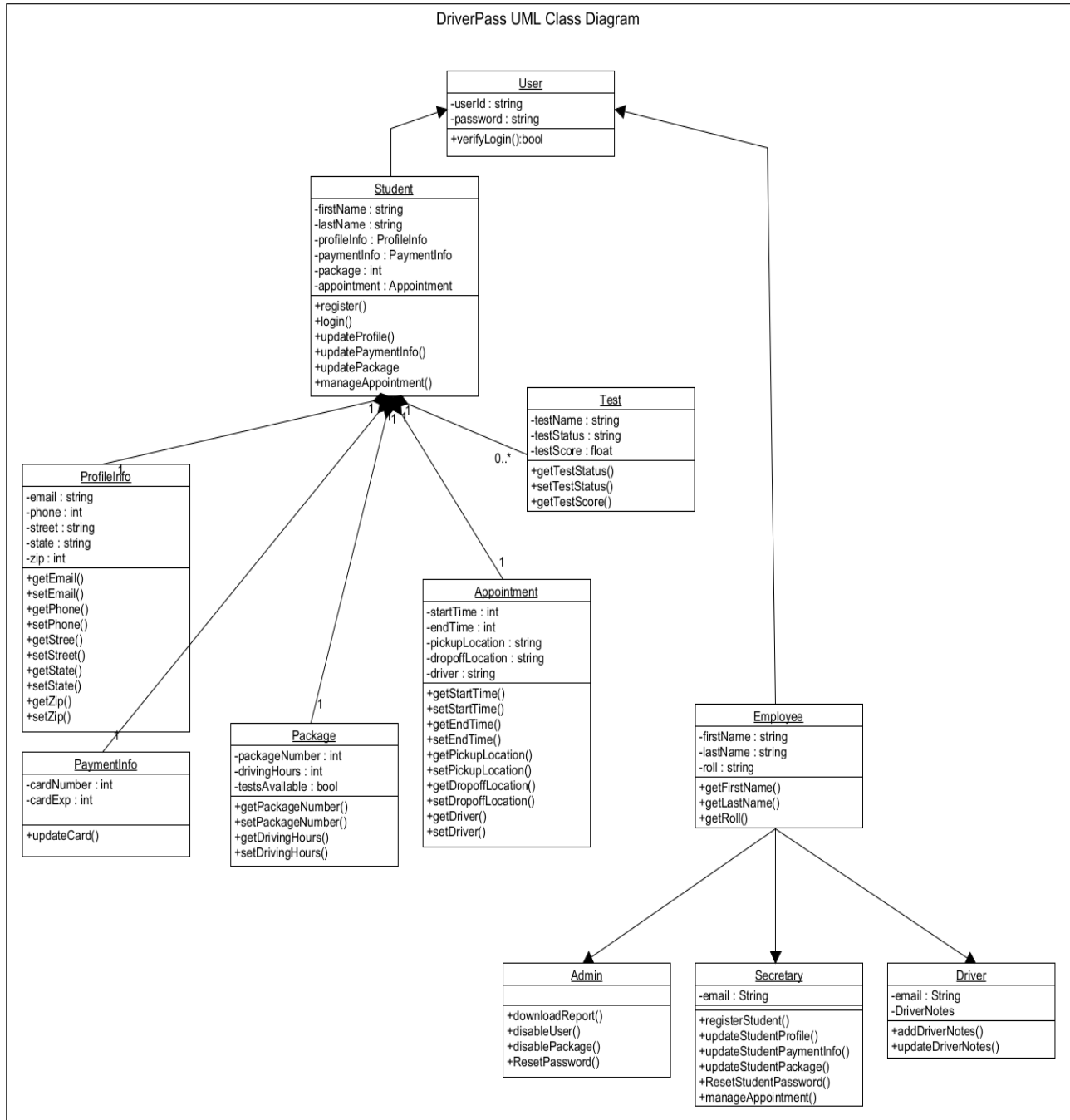
## UML Activity Diagrams



## UML Sequence Diagram



## UML Class Diagram



## Technical Requirements

Technical Requirements for the system are as follows.

- Hardware
  - Dedicated cloud server and database.
  - Device able to a mainstream PC and mobile web browser:
    - PC
    - Laptop
    - Smart Phone
    - Tablet
- Software
  - Server and database
  - Backup software for database and application
  - Security Software
  - Supported browser (Firefox, Chrome, Safari, Edge).
- Tools
  - High-speed Internet connection (for best performance)
    - Wi-Fi
    - 4g/5g
    - Hardwire (ethernet)