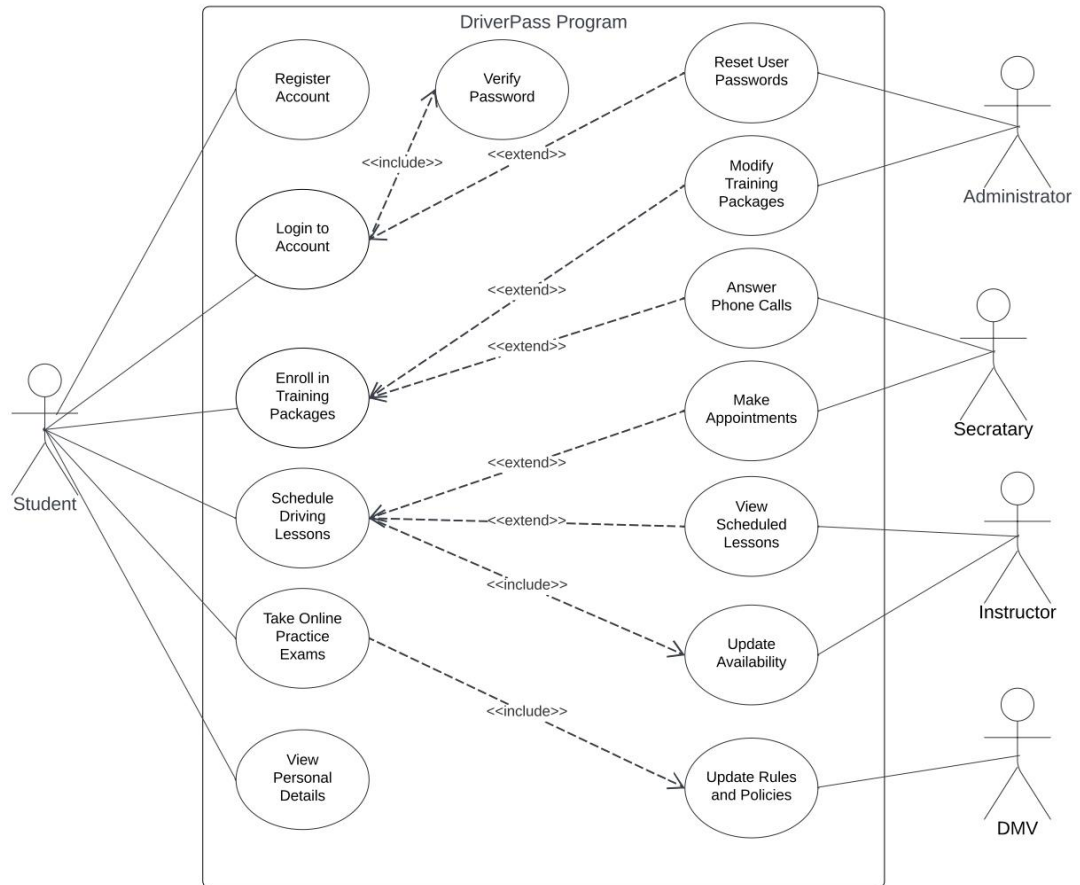


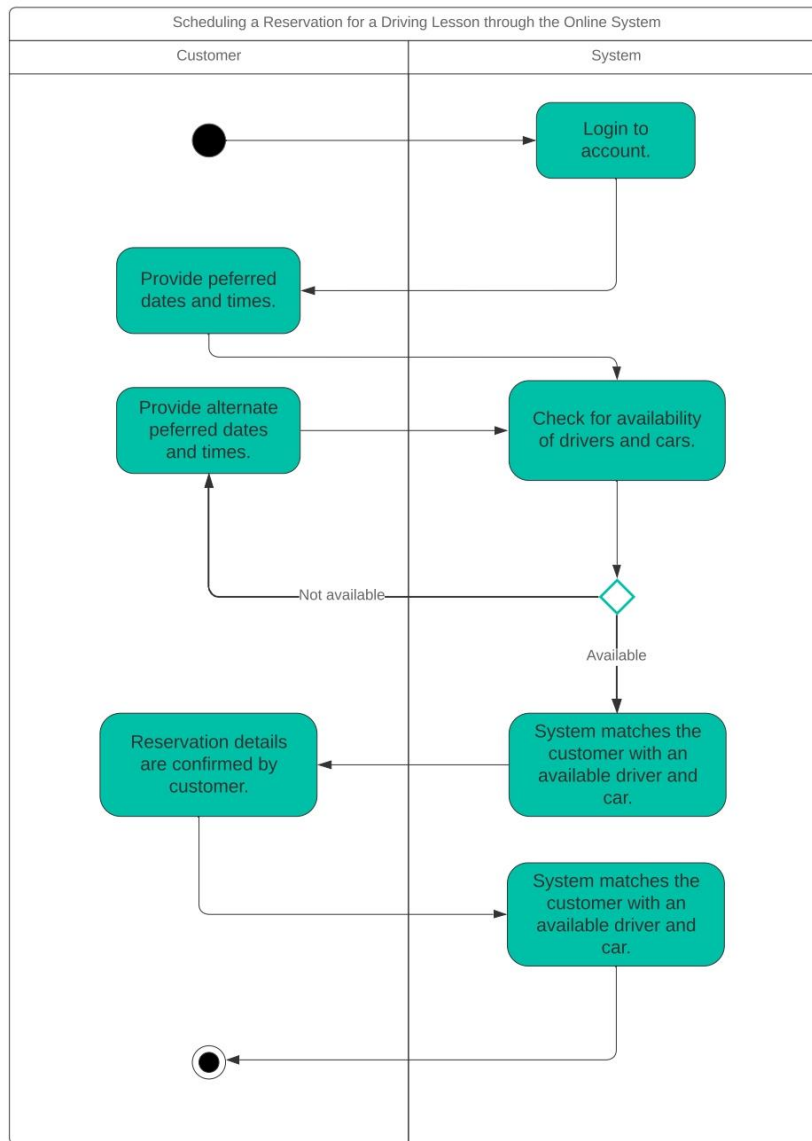
Felix Carela  
2/25/2024

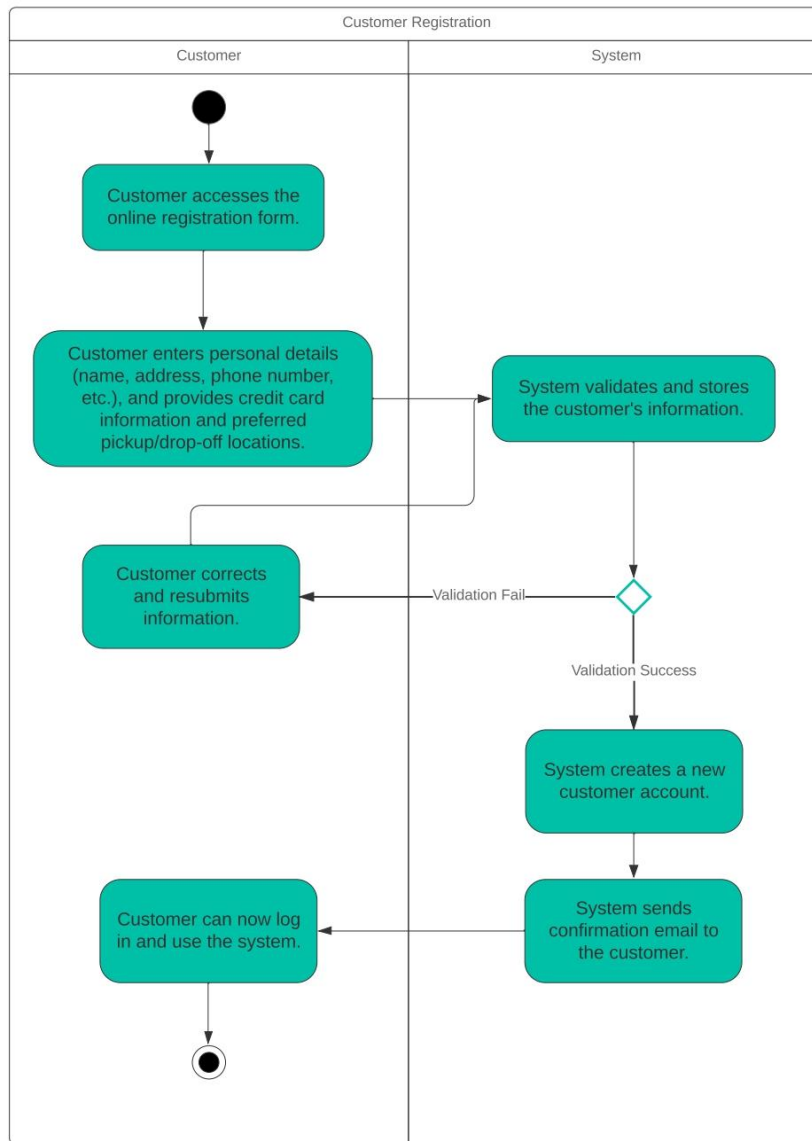
## UML Diagrams

### UML Use Case Diagram

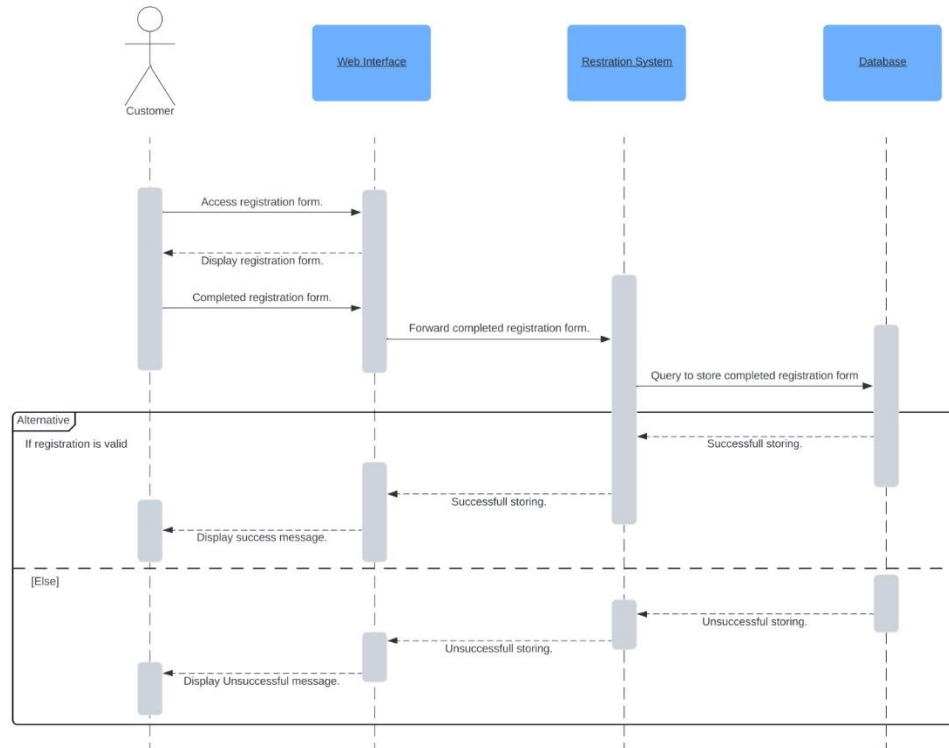


### UML Activity Diagrams

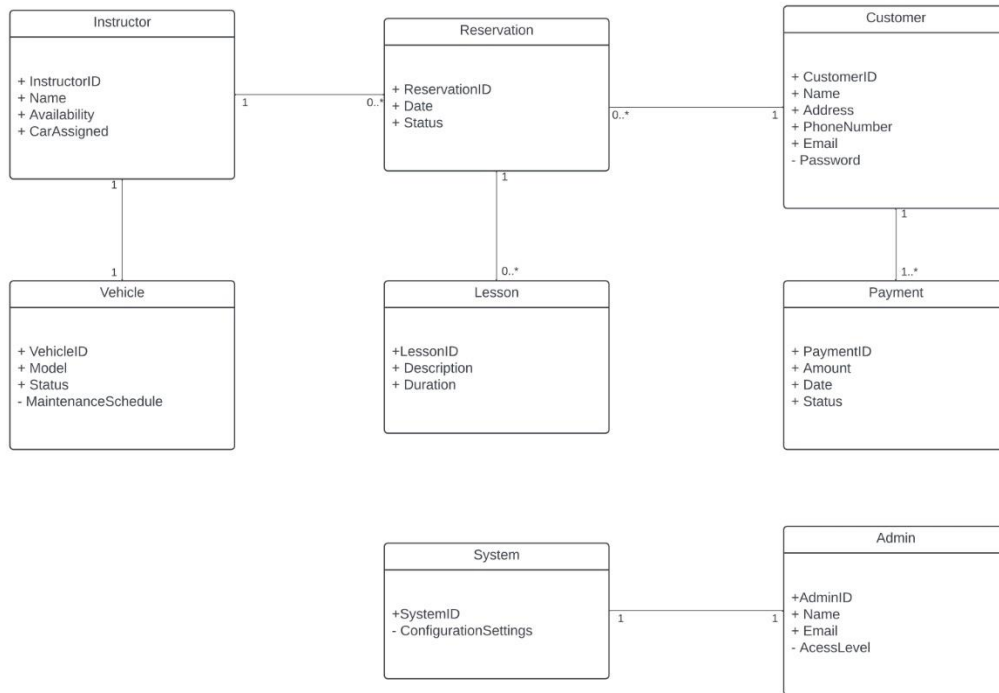




UML Sequence Diagram



## UML Class Diagram



## Technical Requirements

The technical requirements for the DriverPass system are designed to ensure a secure, reliable, and user-friendly experience. The server will be hosted on secure standalone hardware, optimized for stability and security. Workstations for administrators and instructors must be reliable and capable of handling the system's operations. Customers will access the system via a range of devices, ensuring accessibility. The software foundation will include a customized Linux OS, a robust SQL database for handling data, and web server software for hosting the service.

Development tools will support a modular architecture to facilitate updates and scalability. Data security is a priority, with encryption tools safeguarding all transmissions. The network infrastructure will be fortified with firewalls and intrusion detection systems, while real-time monitoring will oversee system performance and security. The user interface will be intuitive and accessible across various browsers and devices, and backend administration will be managed through a dedicated interface, ensuring seamless operation and maintenance.