



DriverPass System Analysis

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System Requirements

Functional Requirements:

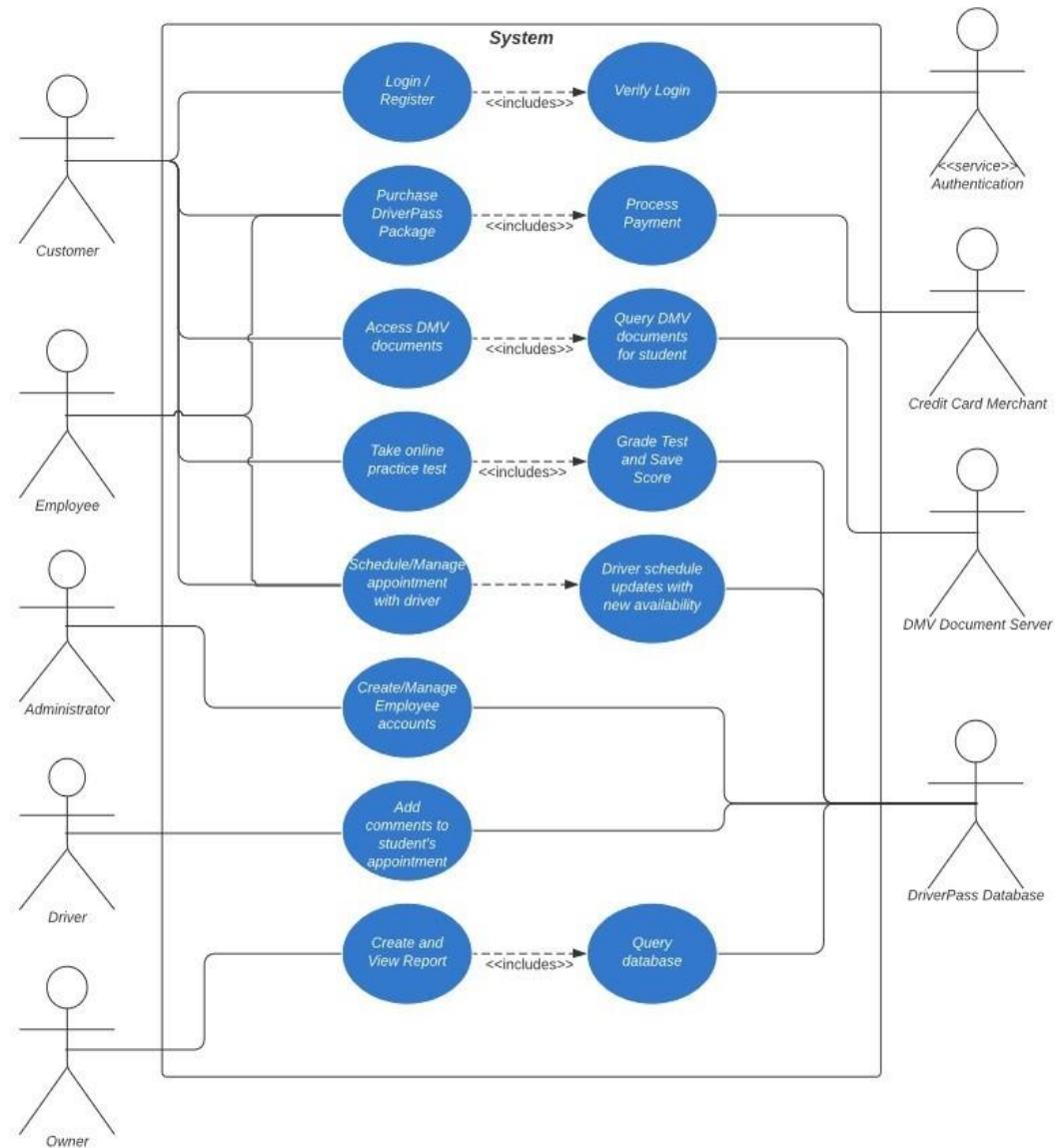
- The system shall register/login users when given the necessary information
- The system shall be connected to the DMV and display the latest rules, policies, and sample questions for customers to practice

Nonfunctional Requirements:

- The application will need storage for the database and website data
- Users should have the ability to reset their password if they've forgotten it

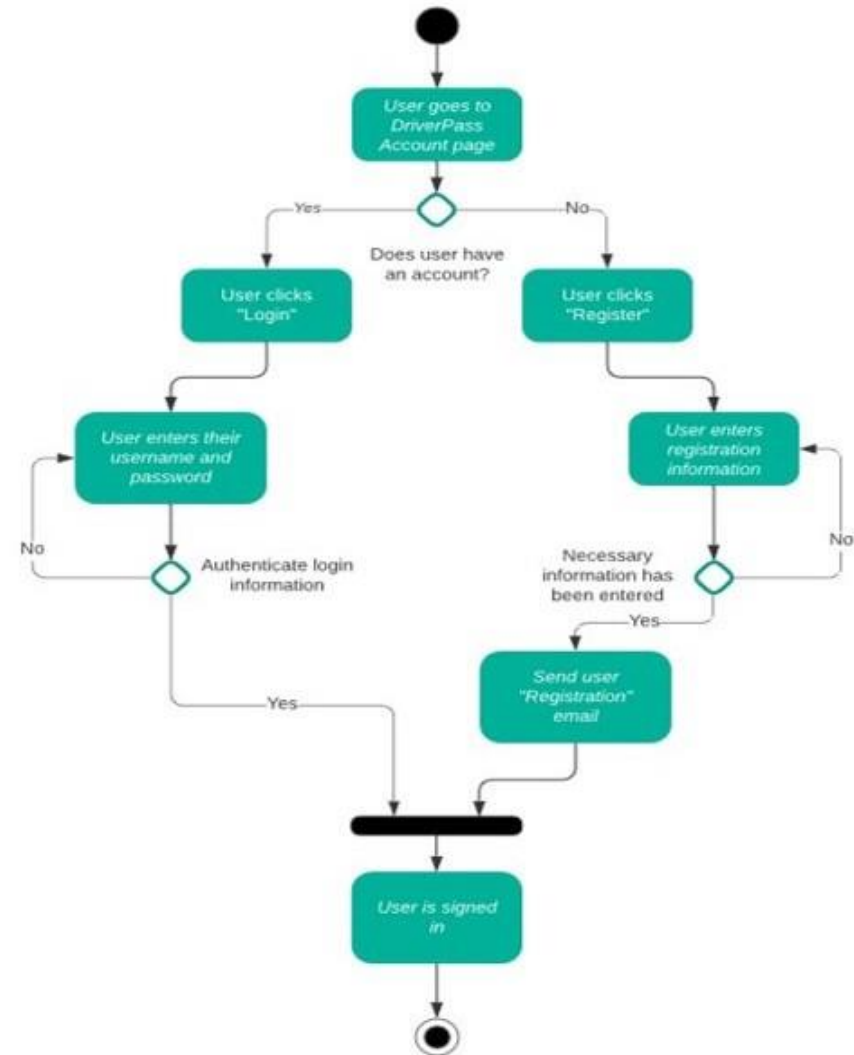
Use Case Diagram

Use Cases



Activity Diagram

Log-In and registration Diagram





Security

- Registered user must authenticate their email address
- Users require a password to login
- Authorization process stops “brute force” so hackers can’t easily login to user accounts
- Website uses HTTPS rather than HTTP, so that sensitive information is sent encrypted



System Limitations

- There is lack of communication between instructor and students because some course will be deployed on-line.
- Because of virtual learning there is limitation of instructor monitor
- Customers in certain regions may have slower access to the website
- The client doesn't have an on-staff developer