



DriverPass System Analysis

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System Requirements

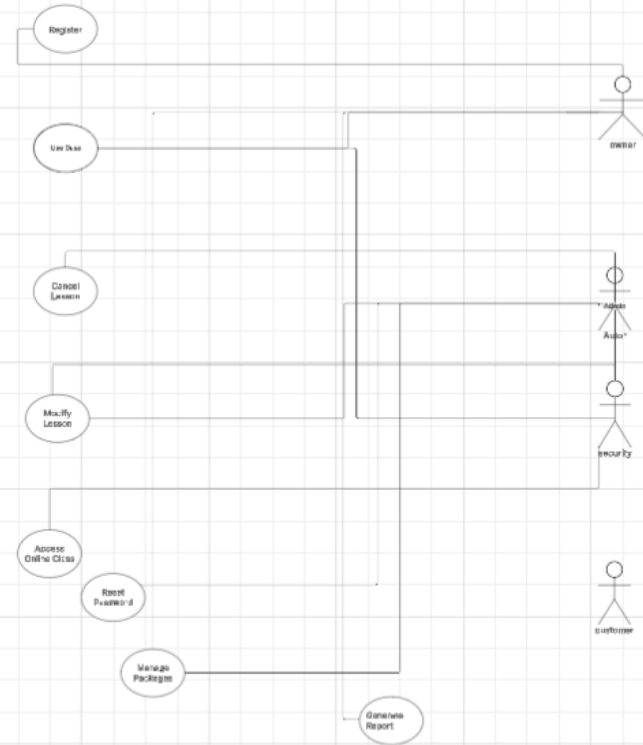
- Functional Requirements:**

- Customers can schedule, cancel, and modify driving lessons online
- Admins can reset passwords and block user access

- Nonfunctional Requirements:**

- System must be accessible from mobile and desktop devices
- Data must be encrypted and backed up securely in the cloud

Use Case Diagram



Activity Diagram

- Application layer that handles scheduling, account management, and availability
- Database that stores user profiles, lesson schedules, and instructor data
- Admin portal for staff to manage users and system settings
- Web and mobile interface for customers and instructors

Security

- Customer logs into the system
- System verifies login credentials
- Customer selects a date and time
- System checks instructor availability
- Booking is confirmed and saved to the database
- Confirmation is sent to both customer and instructor



System Limitations

- Supports seamless scheduling and account management
- Improves instructor coordination and availability tracking
- Provides secure admin controls for user management
- Designed for mobile and desktop accessibility
- Scalable and secure architecture for future growth