Brief level use case for Vehicle

**Login:**

Pre-condition: The vehicle driver is not logged in.

Post-condition: The driver is successfully logged in and directed to the driver dashboard.

Flow of events:

The driver enters their username and password on the login page.

The system verifies the driver's credentials.

If the credentials are valid, the system grants the driver access to the dashboard.

If the credentials are invalid, the system displays an error message and prompts the driver to re-enter their credentials.

**View Allocated Route:**

Pre-condition: The driver is logged in and has access to the allocated route page.

Post-condition: The driver can see the route allocated to their vehicle.

Flow of events:

The driver navigates to the allocated route page.

The system retrieves the route details from the database.

The system displays the details of the allocated route, including the starting point, ending point, and stops along the way.

**Enter Vehicle Exit Time:**

Pre-condition: The driver is logged in and has access to the vehicle tracking page.

Post-condition: The driver records the exit time of their vehicle from a specific stop.

Flow of events:

The driver selects the vehicle on the tracking page.

The system displays the current stop where the vehicle is located.

The driver enters the exit time of the vehicle from the current stop.

The system records the exit time in the database.

**Enter Vehicle Entry Time:**

Pre-condition: The driver is logged in and has access to the vehicle tracking page.

Post-condition: The driver records the entry time of their vehicle to a specific stop.

Flow of events:

The driver selects the vehicle on the tracking page.

The system displays the next stop where the vehicle is headed.

The driver enters the entry time of the vehicle to the next stop.

The system records the entry time in the database.

**Log Out:**

Pre-condition: The driver is logged in.

Post-condition: The driver is successfully logged out and directed to the login page.

Flow of events:

The driver clicks the logout button on the dashboard.

The system logs the driver out and directs them to the login page.