Title: Driver turns steering wheel

Actor: driver

1. The driver turns the wheel
2. A. The steering wheel sends the magnitude of the turn to the physics calculator

B. The physics calculator determines the appropriate tilt, rotation, and vibration responses and sends them to the feedback module

C. The feedback module executes the given tilt, rotation, and vibration responses

Title: Driver uses accelerator

Actor: Driver

1. The driver presses down on the accelerator
2. A. The accelerator sends the magnitude of the acceleration to the physics calculator

B. The physics calculator determines the appropriate tilt, rotation, and vibration responses and sends them to the feedback module

C. The feedback module executes the given tilt, rotation, and vibration responses

Title: Driver uses brakes

Actor: Driver

1. The driver presses down on the brakes
2. A. The brakes send the magnitude of the deceleration to the physics calculator

B. The physics calculator determines the appropriate tilt, rotation, and vibration responses and sends them to the feedback module

C. The feedback Module executes the given tilt, rotation, and vibration responses

Title: Driver collides with another vehicle

Actor: Driver

1. The driver shifts the vehicle into gear, this activates the simulation
2. The view screen displays the destination and required time
3. The driver begins the simulation, and at some point collides with another vehicle
4. A. The system detects the collision and informs the driver that the simulation is ending

B. The system stores the session statistics in the driver profile database

Title: Driver successfully completes a training scenario

Actor: Driver

1. The driver shifts the vehicle into gear, this activates the simulation
2. The destination and time limit are displayed
3. The driver successfully reaches the destination inside the given time limit
4. The driver lcd displays a destination hospital and a time limit to reach it
5. The driver successfully reaches the hospital in time
6. A. The driver lcd displays a success message

B. The system records the session statistics in the driver profile database

Title: Driver fails a training scenario #1

Actor: Driver

1. The driver shifts the vehicle into gear, this activates the simulation
2. The destination and time limit are displayed
3. The driver fails to reach the destination in the given time limit
4. A. The driver lcd displays a failure message

B. The system records the session statistics in the driver profile database

Title: Driver fails a training scenario #2

Actor: Driver

1. The driver shifts the car into gear, this activates the simulation
2. The destination and time limit are displayed
3. The driver successfully reaches the destination
4. The driver lcd displays a destination hospital and a time limit to reach it
5. The driver fails to reach the hospital in time
6. A. The driver lcd displays a failure message

B. The system records the session statistics in the driver profile database