# Requirements

## A.1: Display Records

The system can show the last 5 logged trips/expenses with edit and delete buttons along with a + New Trip or + New Expense button when a user selects the type of Logbook record to be viewed / recorded from the front screen. There are three sections that the user can specify for viewing or entering data in regards to trips and expenses. If the logged trips / expenses do not fit on the screen then that part of the screen will scroll.

## A.2 Record a Trip

The user can record a trip. Users can determine whether the trip is business or personal. There are two ways to record a trip: the user can specify odometer readings manually or specify start odometer reading and select GPS tracking for the trip. GPS tracking will automatically insert odometer reading for next trip. After a trip has been logged it can either be edited manually or deleted by the user.

## A.3 Record an expense

The user can record an expense. Users can select whether it is a vehicle or business expense. Vehicle Expenses are accessed through the Vehicle Log button. If vehicles expense, the user can specify three types of expense: Fuel, Service and Tyres. User can specify what vehicle the expense is to be logged against, as well as the odometer reading. If business expense, user can enter supplier & supplier’s ABN, type of expense, and total cost. User can specify if a business expense and photograph receipt/invoice. If after saving the expense record, the user identifies a mistake, the user can either delete or edit the entry.

## A.4: Create a Report

A user can select Reports from the front screen. The Reports screen will show a graph of the month’s trips and expenses along with total trips for the month. Screen will also display Create Report and Advance Report buttons. User can specify which type of report to be generated,

1. Basic vehicle log for a set period,
2. Advance reports such as annual usage, percentage of business, and vehicle deduction.

## A.4: input or update settings

A user can input or update settings for the digital vehicle expenses logbook. The user can specify

1. a number of vehicles with registration, make model and date purchased or leased.;
2. Insurance information for vehicles – insurer and policy number
3. Owner /driver details of vehicle including drivers licence, contact details, ABN
4. Logbook record year for FBT and Taxation purposes.

| Use case name | Display Records | |
| --- | --- | --- |
| Related Requirements | Requirement A.1. | |
| Goal In Context | Records are display on information page of each section for Digital Vehicle Logbook from the SYSTEM | |
| Preconditions | There must be records to display, User selects a button indicating the section they | |
| Successful End Condition | Up to 5 recent records as displayed | |
| Failed End Condition | The records do not display | |
| Primary Actors | User SYSTEM | |
|  | Secondary Actors | Logbook data | |
|  | Trigger | The SYSTEM is asked for a section of the Logbook through a button on the front page. | |
| Main Flow | Step | Action |  |
|  | 1 | User selects section to be view (Logbook) |  |
|  | 2 | The SYSTEM asks the Database to check if there are records in the database |  |
|  | 3 | The SYSTEM selects the most recent records based on today’s date up to 5 records |  |
|  | 4 | The SYSTEM displays the records with edit and delete buttons |  |
|  | 5 | The SYSTEM displays the +New button to indicate Trip, or Expense |  |
| Extensions | Step | Branching Action |  |
|  | 2.1 | The Database does not have any records recorded |  |
|  | 2.2 | SYSTEM displays “no records present “ message instead of most recent records. |  |