**Functional Requirements**

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| ID | Requirement |
| F1 | Users who are registered to the system will be able to log in using their username and password. |
| F2 | People who are not users will be able to register for an account by providing the following information:   * Username * Add Address * Password * Phone Number * Add 0 or More car(s) * A car has the following attributes: number plate/license plate, make, model, colour, chasis id, type(coupe/salon). |
| F3 | On completion of a successful login or signup, users should be redirected to their dashboard |
| F4 | After a failed login attempt, the user should be informed that their username or password is incorrect and the password field should be cleared. |
| F5 | The dashboard page will contain a navigation bar allowing users to access other parts of the website appropriate to their role. |
| F6 | Users will be able to edit their own personal information inline with the validation rules from NF3. |
| F7 | Users will be able to delete all their data from the website. |
| F8 | Modify the system to retain records once a customer makes use of the motorway. |
| F9 | Enable car identification before a customer is registered. |

**Non-Functional Requirements**

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| ID | Requirement |
| NF1 | Users who are logged into the website should not be able to access the ‘sign up’ page |
| NF2 | Users who sign up for the system should be assigned to the following role:  Global Admin: This will enable the modification of the entire site.  Normal Admin: Enable access to view generated bills and journeys in the system.  User: Can manage personal records with additions to edits and an exception of deleting their records. |
| NF3 | When signing up, the following validation rules must be met:   * Passwords will be at least 8 characters long * Passwords will contain at least one number * Passwords will contain a special character * Email addresses will contain an ‘@’ symbol * Phone numbers will be exactly 11 digits in length |
| NF4 | The web pages will be able to handle exceptions by displaying an error message. This will not be a full stack trace. |