System features.

Priorities are defined based on the needs of the users. In this document it is decided based on factors: High, Medium and low

* When a feature is listed as high in this document it’s because it is a critical feature which the users wants immediately or a feature that has impact on other features.
* Secondly When a feature is listed as medium in this document it’s because it is relatively important but not as important as the factor high.
* Lastly when a feature is listed as low in this document it’s because the feature is not required immediately or which doesn’t have any impact of basic functionality.

### Data and application hosting on google server

### Description and Priority

Application will need to be hosted on Google server Engine.  
  
Priority: high.

### Stimulus/Response Sequences

Not applicable.

### Functional Requirements

Not applicable.

### Login/create accounts

### description and Priority

Users and employees should be able to create accounts online. As for the employees they will have different access levels pertaining to their accounts. Users with accounts should be able to login.

Priority: high.

### stimulus/Response Sequences

Stimulus: User requests to create an account.

Response: System retrieves and display options to either create a user account/employee account.

Stimulus: User request to enter personal information.

Response: System provide options for user to enter information along with a sign-up button.

* 1. **Functional Requirements**

|  |  |
| --- | --- |
| Create account | The system shall allow a user to create an account with or without administrative features |

### Provides a user-friendly interface for users to choose insurance policy

### description and Priority

The system must be user friendly so that the employees/customers can be able to navigate and understand how to use the system also customers will be accessing their information so it’s mandatory that they understand how to use the system.

Priority: High

### Stimulus/Response Sequences

Stimulus: User request to view an insurance plan.

Response: System displays detail information related to the requested plan selected.

Stimulus: user request to choose an insurance plan.

Response: system will carry out payment process and other additional checks then user will be added to the database along with the payment made, vehicles and personal information’s.

### Functional Requirements

|  |  |
| --- | --- |
| Allow users to choose an insurance plan | The system shall let a User who is login the system to select and purchase an insurance plan |

### Provides concurrency access

### description and Priority

The system needs to be able to have concurrency because many users will be accessing the database on a daily basis, if the system does not provide this function there can be failures

Priority: high

### Stimulus/Response Sequences

Not applicable.

### Functional Requirements

|  |  |
| --- | --- |
| Provides concurrency access | If Two users request to access or change their insurance plan simultaneously, the system must provide this functionality. |

### Provides fulltime backups

### description and Priority

The system must be able to carry out back-ups on a regular basis by itself so that data is not lost in case of any physical failures.

Priority: high

### Stimulus/Response Sequences

Not applicable.

### Functional Requirements

|  |  |
| --- | --- |
| Provides full time backups | The system should provide full time backup |

### Generate, print, and export reports

### description and Priority

The system will need to be able to generate reports for project managers and client as well as administrators. Clients and project managers could generate and export or prints reports for their records.

Priority: medium

### Stimulus/Response Sequences

Stimulus: User requests to generate a report.

Response: System displays form containing parameters and submit button

Stimulus: Users requests to submit a report generation form.

Response: System retrieves information from database and displays report in web Brower along with options to export and print buttons.

Stimulus: User request to export report.

Response: Systems exports report to selected export option and prompts user to either save/open/cancel in dialog box.

Stimulus: User requests to print report

Response: System redirects users to pdf version of report in web browser

### Functional Requirements

|  |  |
| --- | --- |
| Report Submit | The system shall allow the user to fill out a form to be submitted through the website. |
| Report Submit Incomplete | The system shall check to see if all required information is present, and prompt the user to fill out missing data and resubmit. |
| Report Submit Recall | The system shall recall any previously saved data and fill in the application automatically |
| Report Export | The system shall recall data from database and format in file according to export preference. |
| Report Print | The system shall recall data from database, generate a PDF of formatted data and display PDF. |

Use case specification

The various user classes identified the following use cases and primary actors for the Motor Insurance Company System:

|  |  |
| --- | --- |
| Primary Actor | Use Cases |
| Database Manager | 1. Add user 2. Remove user 3. Modify user 4. View user 5. Verify user |
| Employee,  Claims clerk | 1. Provide information on the various insurance plans 2. Display insurance plans to user 3. Update insurance plan 4. Help users apply for a plan 5. Generate reports |
| The High-Level Management,  CEO and managers | 1. Access reports 2. Make major corporate decisions 3. handle security and give access to whoever request for it. |

Use case diagram for the motor insurance company system.

