Insurance Project

Software Requirements Specification

1.3

25/10/2020

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Description** | **Author** | **Comments** |
| 25/10/2020 | Version 1 | Sam Patrick | Initial Draft |
| 30/10/2020 | Version 1.1 | Sam Patrick | Added section 5.Change management process |
| 5/11/2020 | Version 1.2 | Sam Patrick | Added section 3.7 Design constraints |
| 15/11/2020 | Version 1.3 | Sam Patrick | Typo’s Fixed |

**Document Approval**

The following Software Requirements Specification has been accepted and approved by the following:

|  |  |  |
| --- | --- | --- |
| **Printed Name** | **Title** | **Date** |
| Nick Price | Lead Software Engg. | 19/11/2020 |
| Sam Patrick | Lead QA Engineer | 18/11/2020 |
| Krishna Rungta | Project Sponsor | 19/11/2020 |

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# **1. Introduction**

The Insurance project aims to provide insurance agents with facility to generate and store Insurance Quotes for Cars/Vehicles. Over a period of time , new and new functionalities will be added to the site.

The client is based in UK and accordingly all conventions are as per UK standard

## 1.1 Purpose

*The Purpose of this document is to outline the requirements for the Insurnace website to be developed for Tech. Pvt. Ltd. This document will be used by all stakeholders including developers and testers.*

## 1.2 Scope

*The scope of this project is limited to the testing of the features described in the succeeding sections of this document.*

*Non-functional testing like stress,performance is beyond scope of this project.*

*Automation testing is beyond scope.*

*Functional testing & external interfaces are in scope and need to be tested*

*The insurance site will be only compatible with Chrome version 27 and above*

## 1.3 Definitions, Acronyms, and Abbreviations

|  |  |
| --- | --- |
| **Definition** | |
| Broker | An agent who acts an intermediary between customer and insurance company |
| Premium | Price paid for an insurance cover usually charged annually |

## 1.4 References

*Nil*

# **2. Specific Requirements**

Insurance Site has following modules

* Broker Registration
* Request Quotation
* Retrieve Quotation
* Edit Profile
* **Secure Login and Logout**
* **Dashboard**
  + Display the summary of lists.
* **Categories Management**
  + Add New Category
  + List All Categories
  + View Category
  + Update Category
  + Delete Category
* **Insurance Policy Management**
  + Add New Insurance Policy
  + List All Insurance Policies
  + View Insurance Policy Details
  + Update Insurance Policy Details
  + Delete Insurance Policy Details
* **Client Management**
  + Add New Client
  + List All Clients
  + Update Client Details
  + View Client Details
  + List all Client's Insured Vehicles
  + Delete Client Details
* **Vehicle Insurance Management**
  + Add New Insurance
  + List All [Insurances](https://www.sourcecodester.com/php/15158/vehicle-insurance-management-system-phpoop-free-source-code.html)
  + Update Insurance Details
  + View Insurance Details
  + Print Insurance Details
  + Delete Insurance Details
* **Generate Reports**
  + Printable Date-wise Transaction Report
* **Manage User List (CRUD)**
* **Manage Account Details/Credentials**
* **Manage System Information**

|  |  |  |
| --- | --- | --- |
| **BR#** | **Module Name** | **Description** |
| B1 | Broker Registration | Insurance Broker can register on the portal to create and retrieve car insurance quotations |
| B2 | Request Quotation | Insurance Broker can create quotation for cars |
| B3 | Retrieve Quotation | Insurance Broker can pull saved quotation for cars |
| B4 | Edit Profile | Insurance Broker can edit his/her profile |

## 2.1 External Interface Requirements

### 2.1.1 User Interfaces

None

### 2.1.2 Hardware Interfaces

None

### 2.1.3 Software Interfaces

None

### 2.1.4 Communications Interfaces

None

## 3.1 Front End Details

This section describes the Front end of Insurance.

Following is a list of module wise fields

**Edit Profile**

* Title
* Surname
* FirstName
* Phone
* DateofBirth
* Licencetype
* Licenceperiod
* Occupation
* Street
* City
* Country
* Post Code

## Request a quotation

* Breakdowncover
* Windscreenrepair
* Vehicle
* Number Of Accidents Last Year
* Registration Number
* Total Mileage
* Estimated Value
* Parking Location
* Start of policy
* Buttons
  + - Calculate Premium
    - Reset Form
    - Save Quotation

## Retrieve quotation

* Identification Number
* Button - Retrieve

**Profile**

* No fields, just display of information
* Submit
* Reset

## 3.2 Technical Requirements

## Request a quotation

|  |  |  |
| --- | --- | --- |
| **Technical Requirement** | **Cover Type** | **Effect on Premium** |
| T1 | No Cover | Increase by 1% |
| T2 | Roadside | Increase by 2% |
| T3 | At home | Increase by 3% |
| T4 | European | Increase by 4% |

**T5**  If Windscreen Repair selected – Increment premium by £30

**T6** If Number Of Accidents Last Year is zero, 30% discount on premium

**T7** If Total Mileage > 5000 – Increment premium by £50

**T8** If Estimate Value <100 – Do not proceed

**T9** If Parking Location is Public Place – Increment premium by £30

## Request a quotation

**T10** A broker must see only a quotation created by him/her

## 3.3 Functional validations

## 3.4 Classes / Objects

3.5.1.1 Attributes

3.5.1.2 Functions

## 3.5 Non-Functional Requirements

Nil

## 3.6 Inverse Requirements

Nil.

## 3.7 Design Constraints

Many of the Insurance users may not have adequate computer knowledge to use the site. Hence, System must be intuitive and easy to understand.

## 3.8 Logical Database Requirements

Nil

## 3.9 Other Requirements

Nil

# **4. Analysis Models**

Nil

**5. Change Management Process**

Changes to the SRS either from the development, testing team or the client side will be communicated to the project sponsor Mr Krishna Rungta.

Any change made to the SRS will require a sign off from the Development lead , QA lead and the client.

Once approved changed will be made to the SRS and the new SRS will be circulated to all stakeholders

**A. Appendices**

*Nil*















