Maruthi Suzuki Spare Parts

**SOFTWARE REQUIREMENT SPECIFICATION**

(SRS DOCUMENT)

**For**

# MARUTHI SUZUKI SPARE PARTS

**By**

**Kathirvel R (TL) Prathap S Aravindh S Kishore S Vishva R**

**Kiruthika Dharshini S Mahalakshmi M**

**SUPERVISOR**

**S.Radhika, M.E.,**

# TABEL OF CONTENT INDEX

|  |  |
| --- | --- |
| **1** | **INTRODUCTION** |
|  | 1.1 Purpose |
|  | 1.2 Scope |
| **2** | **SPECIFIC REQUIREMENTS** |
|  | 2.1 External Interface Requirements |
|  | 2.1.1 User interface |
|  | 2.1.2 Hardware Interfaces |
|  | 2.1.3 Software Interfaces |
|  | 2.1.4 Communication Interfaces |
| **3** | **DETAILS** |
|  | 3.1 Front end and backend details |
|  | 3.2 Technical requirements |
|  | 3.3 Functional Validations |
|  | 3.4 Classes/ Objects |
|  | 3.5 Non-Functional Requirements |
|  | 3.6 Inverse Requirements |
|  | 3.7 Design Constrains |
|  | 3.8 Logical Database Requirements |
|  | 3.9 Other Requirements |
| **4** | **ANALYSIS MODEL** |
| **5** | **CHANGE MANAGEMENT PROCESS** |

1. **INTRODUCTION:**

The project aims to provide details about Maruthi Suzuki spare parts. This project hold limited features, over a period of a time, new and new functionalities will be added to the site

# PURPOSE:

The purpose of the project is to know all the details about Maruthi Suzuki spare parts. This is specially made for Maruthi Suzuki cars only. This document will be used by all developers and test engineers.

# SCOPE:

The scope of the project is to learn all the spare parts details about the Maruthi Suzuki cars. This is specially made for **“Maruthi Suzuki cars only”.**

# SPECIFIC REQUIREMENTS:

**EXTERNAL INTERFACE REQUIREMENTS:**

## User Interface:

None

## Hardware Interfaces:

We should have a laptop (or) PC, Mobile and Tablet with Uninterrupted internet connections

## Software Interfaces:

* + - * Any Browsers

# FRONT END DETAILS:

* + - HTML
    - CSS
    - JAVA SCRIPT
    - REACT

# BACK END DETAILS:

* + - NODE JS ( frame work- Express)
    - MONGODB

# MODULE DESCRIPTION:

## HOME:

* + - * company
      * products
      * About
      * Sign In

## Sign Up:

* + - * Name
      * Email
      * Password
      * Confirm Password
      * Sign Up

## Sign In*:*

* + - * Email
      * Password
      * Sign In

# TECHNICAL REQUIREMENTS:

**Sign Up:**

## Name :

T1- Name – Required (non empty)

T2- Name – all letters should be in upper case T3–Name–lower case not allowed T4– Name – Numbers are not allowed

T5 – Name – Special characters are not allowed

T6 – Name – dot not allowed (.)

T7 – Name – minimum 3 letters allowed

T8 – Name – maximum 15 letters allowed

T9 – Name – number and special characters are not allowed

T10– Name – number and upper case not allowed

T11 – Name – number and lower case not allowed

T12 – Name – special characters and upper case not allowed

T13 – Name –special characters and lower case not allowed

T14 – Name – special characters and upper case not allowed

T15 – Name – special characters and upper case and lower case not allowed

T16 – Name – special characters and upper case lower case and number not allowed

T17 – Name – special characters and upper case and number not allowed

T18 – Name – special characters and lowercase

And number not allowed

## Email:

T19 – Email – Required

T20 – Email – minimum one upper or one lower case allowed

T21 – Email – numbers allowed

T22 – Email – characters are allowed

T23 – Email – upper case letters are not allowed

T24 – Email – Special characters are not allowed except (@) and (.) T25 – Email – Spaces are not allowed

T26 – Email – Should not start with (@)and(.)

T27 – Email – is must be valid

## Password:

T28–Password – Password required T29–Password – minimum 8 characters

T30–Password – minimum one upper case letter must T31–Password – minimum one lower case letter must T32–Password – minimum one special character must T33–Password – spaces are not allowed

T34–Password – minimum one number must

T35–Password – all numbers are not allowed

T36–Password – all upper case not allowed

T37 – Password – all lower case not allowed

T38 – Password – all special characters not allowed

T39– Password – one upper case one lower case not allowed

T40– Password – one upper case one number not allowed

T41– Password – one upper case one special characters not allowed

T42– Password – one lower case one number not allowed

T43– Password – one lower case one special character not allowed

## Confirm Password:

T44– Confirm Password – correct password should be allowed

## 

## Sign Up:

T45– sign up – sign up button required

T46 – sign up– button action takes in single click

T47 – sign up– after click the sign up button alert box will be open

T48 – sign up– alert box contains some details “Sign up success”

# Sign In

## Email:

T49 – User name – User name required

T50 – User name – Registered user name only allowed and should not empty

## Password:

T51 – password – password required

T52 – password - Registered password only allowed and should not empty

## Sign In:

T53 – submit – submit button required

T54 – submit – button action takes in single click

# FUNCTIONAL VALIDATION:

**Sign Up:**

**NAME**

F1 – if the name empty the system shows an error

F2 – if the first letter is not be in uppercase the system shows an error F3 – if there is any number occurs the system shows an error

F4 – if there is any special character occurs the system shows an error

**EMAIL**

F5 – if there is any uppercase letter occurs the system shows an error F6 – if there is any spaces occurs the system shows an error

F7 – if the email id is not valid the system shows an error

F8 – if the @and .not occurs the system shows an error

**PASSWORD**

F9 – if there is minimum 8 character does not character occurs the system shows an error

F10 – if there is any special character does not occurs the system shows an error

F11 – if there is any space occurs the system shows an error

F12 – if there is minimum one lower case letter character does not occurs the system shows an error

F13 – if there is minimum one upper case letter character does not occurs the system shows an error

F14 – if the password is empty the system shows an error

# ANALYSIS MODELS:

* + Nil

# CHANGE MANAGEMENT PROCESS:

* Once the SRS created and it is implemented to the project work. If there is any changes in the project work like bug, error and defects etc the SRS document also changed based on the project work done.
* The SRS document will be changed by the testing engineer and client providing instructions.