Software Requirements Specification

Speed Bump WEB

**ــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــ**

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## Document Status:

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| **Name** | PO\_SB\_SRS\_WEB | |
| **Version** | V1.0 | |
| **Status** | proposed | |
| **Author** | Ahmed Mohamed | |
| **Date** | [1-14-2022] | |
| **Team Approval** |  |  |
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| **Final Approval** |  |  |

## Document History:

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| **Version** | **Author** | **Date** | **Change** |
| 1.0 | Ahmed Mohamed | [1-14-2022] | Initial Creation |

## Reference Document:

|  |  |  |  |
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| **Ref.number** | **Doc.Name** | **Version** | **Status** |
| 1 | PO\_SB\_CRS\_WEB | V1.3 | proposed |

## Project Description:

### Definition:

The website for customers to purchase the speed bump detector device, and dashboard for the admin users to control the web site.

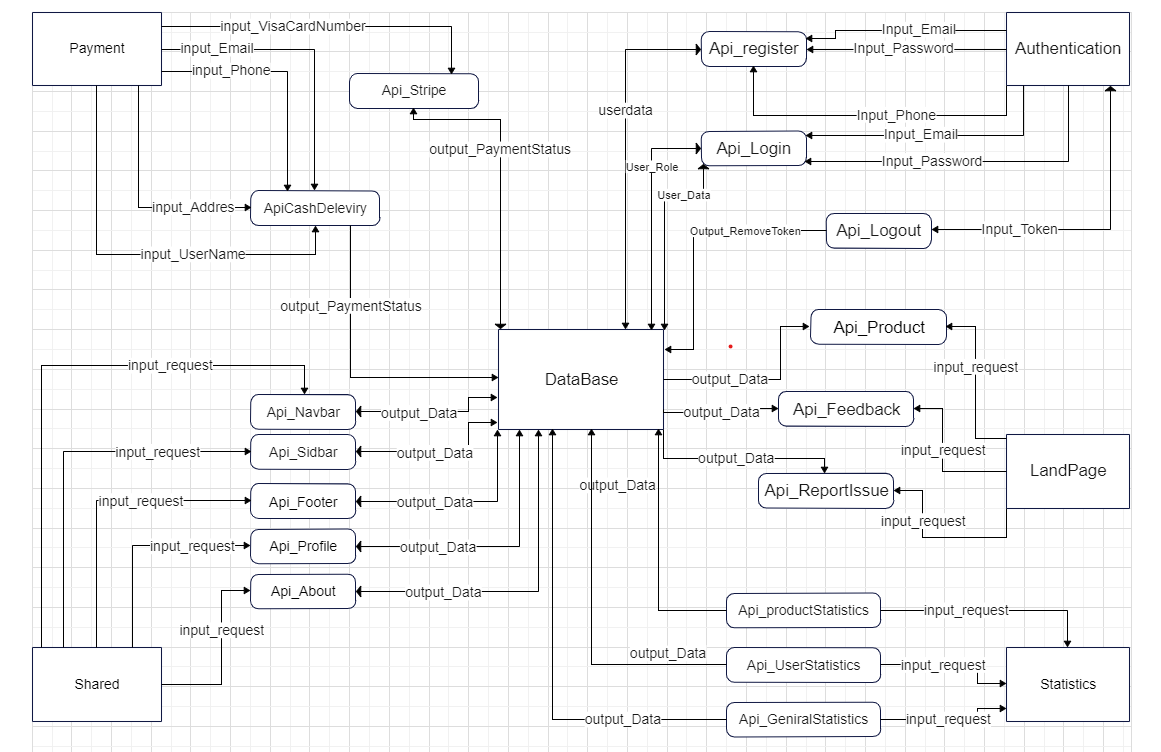
### Features:

* E-commerce for a customer to buy the device.
* Dashboard for an admin to control the website.

### Key elements

* User shall have an account.
* The E-commerce website shall show details about the product.
* Customer shall be able to place and track the order.
* Customer shall be able to send feedback.
* The website shall vary according to the user's role.
* On dashboard each admin user shall have an accou–nt.
* Dashboard shall contain page to display all users.
* Dashboard shall contain page to show keep track of stock.
* Dashboard shall contain page to show users’ feedback.

## Software context:



## SRS Requirements:

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| **Req\_ID** | PO\_SB\_SRS\_**001**-V1.0 | **Covers** | PO\_SB\_CRS\_**001**-V1.0 |
| **Description** | User shall register with name, email and password. | | |
| **Inputs** | Name ,Email and Password | **Outputs** | Add in user table in database |

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| **Req\_ID** | PO\_SB\_SRS\_**002**-V1.0 | **Covers** | PO\_SB\_CRS\_**002**-V1.0 |
| **Description** | User shall login with existing email and password. | | |
| **Inputs** | Email and password | **Outputs** | Redirect to website(landing Page) |

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| **Req\_ID** | PO\_SB\_SRS\_**003**-V1.0 | **Covers** | PO\_SB\_CRS\_**001**-V1.0 |
| **Description** | Credentials shall validate entered email and password. | | |
| **Inputs** | Email and Password | **Outputs** | Allow or Not |

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| **Req\_ID** | PO\_SB\_SRS\_**004**-V1.0 | **Covers** | PO\_SB\_CRS\_**001**-V1.0 |
| **Description** | Checking for email and password exist and each email matching his password. | | |
| **Inputs** | Email and Password | **Outputs** | Redirect to website or to login page |

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| **Req\_ID** | PO\_SB\_SRS\_**005**-V1.0 | **Covers** | PO\_SB\_CRS\_**002**-V1.0 |
| **Description** | User shall reset password using email | | |
| **Inputs** | Email | **Outputs** | New Password |

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| **Req\_ID** | PO\_SB\_SRS\_**006**-V1.0 | **Covers** | PO\_SB\_CRS\_**003**-V1.0 |
| **Description** | User/admin can login through Facebook account when he pressed login with Facebook button . | | |
| **Inputs** | Facebook Api | **Outputs** | Redirect to website(landing Page) |

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| **Req\_ID** | PO\_SB\_SRS\_**007**-V1.0 | **Covers** | PO\_SB\_CRS\_**004**-V1.0 |
| **Description** | User can login through google account when he pressed login with google button . | | |
| **Inputs** | Google email | **Outputs** | Redirect to website(landing Page) |

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| **Req\_ID** | PO\_SB\_SRS\_**008**-V1.0 | **Covers** | PO\_SB\_CRS\_**005**-V1.0 |
| **Description** | Landing Page shall show feature about product. | | |
| **Inputs** |  | **Outputs** | feature about product |

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| **Req\_ID** | PO\_SB\_SRS\_**009**-V1.0 | **Covers** | PO\_SB\_CRS\_**005**-V1.0 |
| **Description** | Landing Page shall show users reviews about product | | |
| **Inputs** |  | **Outputs** | reviews about product |

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| **Req\_ID** | PO\_SB\_SRS\_**010**-V1.0 | **Covers** | PO\_SB\_CRS\_**005**-V1.0 |
| **Description** | Landing Page shall show information about product | | | Landing Page shall show information about product |
| **Inputs** |  | **Outputs** | information about product |

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| **Req\_ID** | PO\_SB\_SRS\_**011**-V1.0 | **Covers** | PO\_SB\_CRS\_**006**-V1.0 |
| **Description** | User shall pay through the dashboard. | | |
| **Inputs** | Payment type | **Outputs** | data of users |

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| **Req\_ID** | PO\_SB\_SRS\_**012**-V1.0 | **Covers** | PO\_SB\_CRS\_**007**-V1.0 |
| **Description** | User shall filling in the details of the purchase (payment method, address, phone, email, name, city, postal code ,country, shipping price) | | |
| **Inputs** | Payment type | **Outputs** | data of users |

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| **Req\_ID** | PO\_SB\_SRS\_**013**-V1.0 | **Covers** | PO\_SB\_CRS\_**008**-V1.0 |
| **Description** | User can track their order, like (out for delivery , delivered , not configured) | | |
| **Inputs** | User info. | **Outputs** | payment is complete or not |

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| **Req\_ID** | PO\_SB\_SRS\_**014**-V1.0 | **Covers** | PO\_SB\_CRS\_**008**-V1.0 |
| **Description** | User shall know the payment process of product is complete or not | | |
| **Inputs** | User info. | **Outputs** | payment is complete or not |

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| **Req\_ID** | PO\_SB\_SRS\_**014**-V1.0 | **Covers** | PO\_SB\_CRS\_**009**-V1.0 |
| **Description** | User shall contact us through Landing Page. | | |
| **Inputs** | email | **Outputs** | Contact with him |

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| **Req\_ID** | PO\_SB\_SRS\_**015**-V1.0 | **Covers** | PO\_SB\_CRS\_**009**-V1.0 |
| **Description** | Users can send feedback | | |
| **Inputs** | Name ,email, Message | **Outputs** | Show his message |

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| **Req\_ID** | PO\_SB\_SRS\_**016**-V1.0 | **Covers** | PO\_SB\_CRS\_**009**-V1.0 |
| **Description** | Users can send report issues | | |
| **Inputs** | Name ,email, problem | **Outputs** | Try to solve his problem |

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| **Req\_ID** | PO\_SB\_SRS\_**017**-V1.0 | **Covers** | PO\_SB\_CRS\_**010**-V1.0 |
| **Description** | Role shall set by Website owner to user / admin | | |
| **Inputs** | role | **Outputs** | Redirect to landing page for user , dashboard for admin. |

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| **Req\_ID** | PO\_SB\_SRS\_**018**-V1.0 | **Covers** | PO\_SB\_CRS\_**010**-V1.0 |
| **Description** | Default each account register his role is user and super admin shall edit his role to admin. | | |
| **Inputs** | Email | **Outputs** | Redirect to landing page for user , dashboard for admin. |

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| **Req\_ID** | PO\_SB\_SRS\_**019**-V1.0 | **Covers** | PO\_SB\_CRS\_**011**-V1.0 |
| **Description** | Dashboard owner shall manage dashboard and control it. | | |
| **Inputs** | Super Admin | **Outputs** | manage dashboard |

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| **Req\_ID** | PO\_SB\_SRS\_**020**-V1.0 | **Covers** | PO\_SB\_CRS\_**012**-V1.0 |
| **Description** | Dashboard admin shall insert information about new devices | | |
| **Inputs** | Code, device\_id, device\_bluetooth, price | **Outputs** | insert information about new devices. |

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| **Req\_ID** | PO\_SB\_SRS\_**021**-V1.0 | **Covers** | PO\_SB\_CRS\_**014**-V1.0 |
| **Description** | Dashboard admin shall see summary about number of users. | | |
| **Inputs** |  | **Outputs** | number of users. |

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| **Req\_ID** | PO\_SB\_SRS\_**022**-V1.0 | **Covers** | PO\_SB\_CRS\_**015**-V1.0 |
| **Description** | Dashboard admin shall see summary about number of products was sold. | | |
| **Inputs** |  | **Outputs** | summary about number of products was sold |

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| **Req\_ID** | PO\_SB\_SRS\_**023**-V1.0 | **Covers** | PO\_SB\_CRS\_**01**-V1.0 |
| **Description** | Dashboard Admin shall handle track the order | | |
| **Inputs** | SB\_dvice\_id | **Outputs** | paid or not |

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| **Req\_ID** | PO\_SB\_SRS\_**024**-V1.0 | **Covers** | PO\_SB\_CRS\_**016**-V1.0 |
| **Description** | Dashboard admin shall see summary about number of products are available. | | |
| **Inputs** |  | **Outputs** | summary about number of products are available |

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| **Req\_ID** | PO\_SB\_SRS\_**025**-V1.0 | **Covers** | PO\_SB\_CRS\_**017**-V1.0 |
| **Description** | Dashboard admin shall see summary about users’ feedback | | |
| **Inputs** |  | **Outputs** | Show his message |