**Functional Specific Requirements**

**The specific requirements may be**

**1.**   **Functionality**

**This subsection contains the requirements for the e-store. These requirements are organized by the features discussed in the document. All these functional requirements can be traced using tractability matrix.**

***1.1***     ***Sell Configured to Ordered Products.***

* The system shall display all the products that can be configured.
* The system shall allow user to select the product to configure.
* The system shall display all the available components of the product to configure
* The system shall enable user to add one or more component to the configuration.
* The system shall notify the user about any conflict in the current configuration.
* The system shall allow user to update the configuration to resolve conflict in the current configuration.
* The system shall allow user to confirm the completion of current configuration

***1.2***     ***Provide comprehensive product details.***

* The system shall display detailed information of the selected products.
* The system shall provide browsing options to see product details.

***1.3***     ***Detailed product Categorizations***

* The system shall display detailed product categorization to the user.

***1.4***     ***Provide Search facility.***

* The system shall enable user to enter the search text on the screen.
* The system shall enable user to select multiple options on the screen to search.
* The system shall display all the matching products based on the search
* The system shall display only 10 matching result on the current screen.
* The system shall enable user to navigate between the search results.
* The system shall notify the user when no matching product is found on the search.

***1.5***     ***Maintain customer profile.***

* The system shall allow user to create profile and set his credential.
* The system shall authenticate user credentials to view the profile.
* The system shall allow user to update the profile information.

***1.6***     ***Provide personalized profile***

The system shall display both the active and completed order history in the customer profile.

* The system shall allow user to select the order from the order history.
* The system shall display the detailed information about the selected order.
* The system shall display the most frequently searched items by the user in the profile.
* The system shall allow user to register for newsletters and surveys in the profile.

***1.7***     ***Email confirmation.***

* The system shall maintain customer email information as a required part of customer profile.
* The system shall send an order confirmation to the user through email.

***1.8***     ***Detailed invoice for customer.***

* The system shall display detailed invoice for current order once it is confirmed.
* The system shall optionally allow user to print the invoice.

***1.9 Provide shopping cart facility.***

* The system shall provide shopping cart during Online Store purchase.
* The system shall allow user to add/remove products in the shopping cart.

***1.10 Provide shipping method.***

* The system shall display different shipping options provided by shipping company.
* The system shall enable user to select the shipping method during payment process.
* The system shall display the shipping charges.
* The system shall display tentative duration for shipping.

***1.11 Allow credit card payment method.***

* The system shall display credit card payment method provided by card verification company.

***1.12 Allow online change or cancellation of order.***

* The system shall display the orders that are eligible to change.
* The system shall allow user to select the order to be changed.
* The system shall allow user to cancel the order
* The system shall notify the user about any changes made to the order.

***1.13 Online Purchase of products***

* The system shall allow user to confirm the purchase.
* The system shall allow user to make changes in the purchase.
* The system shall allow user to cancel purchase.