REQUIREMENT ANALYSIS

# Requirement analysis

**System Features:**

**Functional Requirement:**

1. Registrations:

To shop from our online store every customer needs to open up a new account on our website.

* + FR1.1: Form fill-up with personal information
  + FR1.2: Valid email and phone number
  + FR1.3: Credit card info/ online payment info
  + FR1.4: Valid Shipping and Billing Address

1. Product Browsing:

Customer can freely browse through the for their desired products.

* + FR2.1: Search products by categories
  + FR2.2: Can view and review products
  + FR2.3: Can request for their desired product if unavailable or out of stock

1. Purchasing Products:

* + FR3.1: Valid user id and password to place order.
  + FR3.2: Valid payment info and valid shipping location.
  + FR3.3: Tracking products after placing order.

1. Exchange and Refund Policy:

* + FR4.1: Can place request for free exchange within valid time
  + FR4.2: Can Place request for online refund.

**Non-Functional Requirements:**

1. Operational:

* + NFR1.1: Can be accessed from all kind of smart devices.
  + NFR1.2: Compatible with all browsers.
  + NFR1.3: The system should interface with third party vendor for online payment.

Like banks which provides online payment services.

* + NFR1.4: Gives notification in case of failed transaction.

1. Performance:

* + NFR2.1: We’ll update the products availability after every purchase.
  + NFR2.2: The system should take 3-4 seconds to find categorized or searched products.
  + NFR2.3: The website will be kept under well maintenance to avoid any server issues or interface issues.

1. Security:

* + NFR3.1: Search or purchase history will only be accessed by the user him/herself.
  + NFR3.2: Any personal information of payment method will not be recorded in the website.
  + NFR3.3: No one can access to others personal information.

1. Cultural and Political:

* + NFR4.1: All the business will be done by following the rules and regulations of ECommerce laws of Bangladesh
  + NFR4.2: Will not be promoting any products that may cause harm to any particular group of people in our society.
  + NFR4.3: Customers personal information is protected in compliance with the Data Protection Act.