**Chapter No: 3 – Formal Specification and Requirement Gathering**

3.0 Formal Specification

3.1 Requirement Gathering

**FORMAL SPECIFICATION**

## Functional Requirement:

* + - Search option given to user to search from various products.
    - Input/output.
    - Error handling.

## Non-functional Requirement:

* + - **Operational:** The system should work on any server and desktop.
    - **Performance:** The system should be 24/7/365 available.
    - **Security:** The system only lets the admin to function the software and only the permitted user will be given the information of the system username and password.
    - **Data Representation:** The data stored here will be retained by the user.
    - **Features:** in this websit admin only can add art and information.

**REQUIREMENT GATHERING**

## Software Requirement:

## Any one can access website they need only intranet and any device to use website.

## Hardware Requirement:

* Minimum: 1.6GHz CPU or faster processor, 1 GB (32 Bit) or 2 GB (64 Bit) RAM (Add 512 MB if running in a virtual machine), 3 GB HDD.
* or they need mobile