# Project Design Phase-II
# Functional Requirements (Functional & Nonfunctional)

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|---|---|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID53314 |
| Project Name | Inventory Management System for Retailers |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|---|---|---|
| FR-1 | User Registration | Registration through Form<br>Registration through Gmail<br>Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via OTP |
| FR-3 | Login | User can enter to the Application via Email and Password to access the Inventory System |
| FR-4 | DashBoard Page | Customers can see all the available Products in this phase. |
| FR-5 | Add to Cart | Customers can view the products and send to add to cart option afterwards User can buy later if it is not sold. |
| FR-6 | Billing and Payment | Customers should buy a product it will redirect to payment page automatically generate a bill for the respective Products. |
| FR-7 | Stock Updation | The Particular Stock can be over sold and the stock can be update by the admin quickly and Stock Statistics can be Displayed in the DashBoard page. |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

| FR No. | Non-Functional Requirement | Description |
|--------|---------------------------|-------------|
| NFR-1 | **Usability** | This application can be use any diversity of languages. The UI should be very clear, it can be used by everyone in the world. We can use any Assistant like google assistant so that blind people can access this application. |
| NFR-2 | **Security** | This application should be very securely Created. Incase the customers can buy any products in the inventory store the payment phase can be very securely and finally get a receipt of the buyed products. |
| NFR-3 | **Reliability** | The application can be TrustWorthy UI and the Stock Statistics can be properly displayed on the dashboard page and all the modules can be Properly working on that application. |
| NFR-4 | **Performance** | The User and stock Data can be Stored in IBM DataBase(DB) and that Stock Data can be displayed in main page ,Incase stock can be update simultaneously updated in main page. |
| NFR-5 | **Availability** | The application contains user data and stock data and that particular data can be available to display it in main page. |
| NFR-6 | **Scalability** | The application can be modified according to our User Request and accessing speed of that changes can be very fast based on our Internet Speed. |