# Project Design Phase-II

**Solution Requirements (Functional & Non-functional)**

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| Date | 29 October 2022 |
| Team ID | PNT2022TMID17615 |
| Project Name | Project - Inventory management system for retailers |
| Maximum Marks | 4 Marks |

## Functional Requirements:

The following are the functional requirements of the proposed solution

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Objective | To minimize the risk of under and overstocking materials  Enhancing the overall operational ability of inventory |
| NFR-2 | End Result | Keeps the product flow at the best level |
| NFR-3 | Documentation | Capture as a quality attribute |
| NFR-4 | Focus | To provide a better level of customer service |
| NFR-5 | Orgin type | Usually defined by developers or tech experts |
| NFR-6 | Types | Usability, Reliability, Scalability, and performance |

## Non-functional Requirements:

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

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| --- | --- | --- |
|  | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Sign up through the website  Registration through links in Social Networking sites |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Shipping | Confirmation placed via Gmail  Inbound and outbound freight shipments for retailers Real-time Streamlining of the shipping process |
| FR-4 | Deployment | ABC Analysis for inventory deployment Implement supplement chain KPI |
| FR-5 | Purchasing | Prevent Deadstock Budget planning |
| FR-6 | Technology responsibility for Different materials | Implementing semi-automated packaging technologies |