**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID07849 |
| Project Name | Project - Inventory Management System for Retailers |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through User Form  Registration through Gmail/ Phone Number  Registration through Facebook |
| FR-2 | User Confirmation | Confirmation via Email, Phone Number |
| FR-3 | Adding,updating,deleting the products | Add or update or delete products using the options given in dashboard |
| FR-4 | High demand products | User can view the high demand products by using the previous sales details |
| FR-5 | Barcode scanning | User can check or update products by scanning the Barcode |
| FR-6 | Invoice generation | User can generate invoice by their email for future reference |

**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Stocks are managed and tracked easily |
| NFR-2 | **Security** | Two step verification |
| NFR-3 | **Reliability** | Huge number of stock products can be easily calculated |
| NFR-4 | **Performance** | The website’s loading time should be less than 5 seconds |
| NFR-5 | **Availability** | All kind of retailers and wholesale business man can use . |
| NFR-6 | **Scalability** | Starting from retailer shop owners to department store owners can use our product |