**Project Design Phase-II**

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

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| Date | 09 November 2022 |
| Team ID | PNT2022TMID26125 |
| Project Name | Inventory Management System for Retailers |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email, OTP, Mobile-number |
| FR-3 | Add, delete and update the stocks | Add or delete or update the stocks using the functions available in the inventory |
| FR-4 | Indication | Receive an indication when an item I’m trying to buy is too much than the stock available |
| FR-5 | Location | Able to make purchase from a particular location |
| FR-6 | Re-order | Able to order the products after a certain period of time |

**Non-functional Requirements:**

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Stocks/products are easily able to track and manage |
| NFR-2 | **Security** | By providing one-time-password and 2-step authentication |
| NFR-3 | **Reliability** | More number of stocks can be easily managed and retrieved |
| NFR-4 | **Performance** | Website navigating and loading the content in few seconds. |
| NFR-5 | **Availability** | Retailers, business and traders of all kind can make use of inventory management |
| NFR-6 | **Scalability** | From low-scale retailer to high-scale retailer can very well make use of inventory management |