Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 14 November 2022 |
| Team ID | PNT2022TMID52088 |
| 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** | The User & Retailer has his/her own ID to get registered  in the portal |
| FR-2 | **User Confirmation** | Confirmation via Email  Confirmation via OTP |
| FR-3 | **Dashboard** | The collected data are found in visualized format and  the prior data are analyzed. |
| FR-4 | **Dataset** | The Inventory record and Purchase record are  Collected and consolidated as dataset |
| FR-5 | **Report Generator** | The periodic reports of Customer and the Retailer are reported |
| FR-4 | **Exploration** | The data exploration on available dataset |

# 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** | No prior experience required to use the dashboard.  People with basic understanding can use the system. |
| NFR-2 | **Security** | Only registered user can use this application. |
| NFR-3 | **Reliability** | The Inventory system ensures the reliability |
| NFR-4 | **Performance** | Gets updated regularly to improve the  performance of the application. |
| NFR-5 | **Availability** | The availability of dataset must be constrained for  accurate data |
| NFR-6 | **Scalability** | Any kind of data can be explored and the system is quite expandable |