Project Design Phase-II

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

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| Date | 15 October 2022 |
| Team ID | PNT2022TMID08113 |
| Project Name | 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 Form * Registration through Google Account |
| FR-2 | **User Confirmation** | * Confirmation via Email |
| FR-3 | **Dashboard** | * Displays the alerts about the quantity of stocks * Displays trends and patterns in the sales of the products * Provides information about sales activities and top selling products |
| FR-4 | **Alert** | * Alerts the retailer about low quantity of   stocks   * Alerts the retailer to discontinue a particular product if its sales are too poor in recent times * Alerts the retailer about the ideal restock   quantity for products which have less demand in recent times |
| FR-3 | **Real Time Tracking** | * User can track the status of the stock after dispatching it to delivery. |

# 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** | * The application should have a search bar for searching products based on keywords. |
| NFR-2 | **Reliability** | * The application should provide appropriate   and verified information about the availability  of the stocks. |
| NFR-3 | **Performance** | * Making the user to get fond of using the   application as it will be more efficient and accurate about the stock storage and  exchange information. |
| NFR-4 | **Scalability** | * Get more users by encouraging social sharing. |