# Project Design Phase-II
# Solution Requirements (Functional & Non-functional)

| Date | 31 October 2022 |
|---|---|
| Team ID | PNT2022TMID43133 |
| Project Name | Retail Store Stock inventory Analytics |
| Maximum Marks | |

## Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|---|---|---|
| FR-1 | Visiting website | • Visiting website to check amount of stock available in the inventory.<br>• Visiting website to see the order of stocks to be arranged. |
| FR-2 | Checking | • Checking of the stocks needed to be discarded.<br>• Checking of the expiring date of the stocks in the inventory. |
| FR-3 | Tracking | • Tracking the supply chain from retail store to end users. |

## Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | The UI should be simple enough for everyone to understand. |
| NFR-2 | **Security** | The website must be secure enough to trust by the users. |
| NFR-3 | **Reliability** | The UI should be able to withstand any errors in the data. |
| NFR-4 | **Performance** | The UI shows the sorting order and availability of the stocks. |
| NFR-5 | **Availability** | The UI should respond to the users within 2 seconds. |
| NFR-6 | **Scalability** | The ABC analysis is used to sort and arrange the stocks in the inventory. |