

## Solution Requirements (Functional & Non-functional)

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Team ID	PNT2022TMID25562
Project Name	Inventory Management System For Retailer

### Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through application Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Customer demand	Product offers the features that can help fulfil their specific needs. ( Product , quantities ,quality , price )
FR-4	Stock verification	Verify the stock of stores and coal in the custody of loco foremen of running sheds and of stores with the head train examiners in the same manner as prescribed in the case of verification of stores depots.
FR-5	User recognition	Online and offline stock maintenance raw materials work-in-process ,finished goods , and maintenance, repair and overhaul .
FR-6	End user benefits	To know entire data analysis for inventory management

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The system must be use by both managers and chefs such that they do not need to read an extensive amount of manuals. The system must be quickly accessible by both managers and chefs.
NFR-2	<b>Security</b>	Define how the system should confront the malwares.
NFR-3	<b>Reliability</b>	The system must give accurate inventory status to the user continuously. Any inaccuracies are taken care by the regular confirming of the actual levels with the levels displayed in the system.
NFR-4	<b>Performance</b>	The system must not lag, because the workers using it don't have down-time to wait for it to complete an action.

NFR-5	<b>Availability</b>	Stands for the system's reliability and accessibility to the user.
NFR-6	<b>Scalability</b>	Define the system's capability to handle the workloads.