Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID33864
Project Name	Project - Inventory Management System for Retailers
Maximum Marks	4 Marks

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 web based Inventory management form to access inventory resources Registration through Inventory management software application
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP for given mobile number
FR-3	Access of resources	After registration user can access the resources in the inventory stock warehouse
FR-4	Rendering for user	Rendering the accessed resources for the user
FR-5	Feedback from user	Getting feedbacks about our inventory management system from the users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The usability interface is a quality attribute that is used to evaluate the convenience of people in obtaining information on a product,system,or service
NFR-2	**Security**	Inventory security is the process of ensuring the safety and optimum management control of stored goods Performance of company stands or falls with the safety and efficiency of inventory warehouse
NFR-3	**Reliability**	With accurate and reliable counts,you'll help lead

			promote customer satisfaction and a thriving and growing customer base
NFR-4	**Performance**		To improve inventory performance we have to calculate inventory stock outs frequently, also keep track of inactive stocks and lost sales
NFR-5	**Availability**		Stock availability is a key success factor for retailers but also one of the biggest inventory management challenges
NFR-6	**Scalability**		Scalable inventory management solution will help you stay up to date on inventory movements in real time Inventory management system must be scalable for large number of customers