

Project design phase _II

Solution requirements (functional&non _functional)

Date	06 nov 2022
Team Id	PNT2022TMID52083
Project Name	Retail Store Stack Inventory analytics
Maximum mark	4,marks

Functional requirements:

Following are the functional requirements of the prposed solution.

FR NO.	FUNCTIONAL REQUIREMENTS (EPIC)	SUB REQUIREMENTS(STORY/SUB TASK)
FR1	Inventory management	Product history Stock inquiries Cycle counting E commerce
FR2	Inventory tracking	Product tracking Advance inventory tagging Audit file
FR3	Transfer management	Stock transfer Order picking Voice picking

		Pick to light
FR4	purchasing	Purchase order Bulk purchase orders Back ordering Supplier management
FR5	Shipping	Labeling Multi carrier shipping Shipment byID
FR6	Reporting&analytice	Dasbord Customized reports Drill down Report integration

Non_functional requirements:

Following are the non functional requirements of the proposed solution:

FR NO.	NON FUNCTIONAL REQUIREMENTS	DESCRIPTION
NFR_1	Usability	How easily a user can achieve their goal in a single page visit. How memorable and intuitive the design is. Numbr and time of errors users make.
NFR-2	Scalability	Accourding to

		<p>scalabilitydefinition</p> <p>scalable data analysis refers to the ability of a hardware and software parallel system to exploit increasing computing resources effectively in the analysis of large dataset.</p>
NFR_3	Security	<p>Only the system data administrator can assign roles and change access permission to the system.</p> <p>The website must be resilient to any kind of attacks.</p>
NFR_4	Reliability	<p>Our main goal for the next two years is internationalization,so the website shall have multiple storeviews for each country we are selling to.</p>
NFR_5	Performance	<p>Testing website performance will help you understand</p>

		<p>whether you achieve your kpis set out in non functional requirements.</p> <p>Prepare for magento performance testing following out in depth guide on the matter.</p>
NFR_6	Availability	<p>The target service level you set for each item in your warehouse should be based on its forecasted demand type.</p> <p>For example:if you have fast moving product where demand is consisently high then you might set a high service level of 98%or bove.</p>