Project Design Phase –II
Functional Requirements

Date	19 October 2022
Team ID	PNT2022TMID33078
Project Name	Inventory Management System for Retailers
Maximum Marks	4 Marks

Functional Requirements:

The functional requirements of the proposed solution are as follows,

FR. No.	Functional Requirement (Epic)	Sub Requirement (Story/Sub-Task)
FR-1	User Registration	Registration through registration form. Registration through One-Tap Google Sign-in.
FR-2	User Authentication and Confirmation	Authentication via Google Authentication. Confirmation via Email.Confirmation via OTP.
FR-3	Product management	Quickly produce reports for single ormultiple products. Track information of dead and fast-movingproducts. Track information of suppliers andmanufacturers of the product.
FR-4	Audit Monitoring	The technique of tracking crucial data isknown as audit tracking. Monitor the financial expenses carried outthroughout the whole time (from receivingorder of the product to delivery of the product).

FR – 5	CRM (Customer RelationshipManagement)	Track the customer experience via ratingsgiven by them. Get customer reviews regularly or atleast atthe time of product delivery to work on customer satisfaction. User-friendly GUI to increase the customerbase from only techies to normal people.
FR - 6	Security Policy	User data collected must be as secure aspossible. User data must not be misused. They can only be used for user preferred advertisingpurposes.

Non-Functional Requirements:

The non-functional requirements of the proposed solution are as follows,

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The UI should be accessible to everybodydespite of there diversity in languages. People with some impairments should also be able to use the application with ease. (Example,integrate google assistant so that blind people can use it). .
NFR-2	Security	The security requirements deal with the primary security. Only authorized users can access the systemwith their credentials. Administrator or the concerned security team shouldbe alerted on any unauthorized access or data breaches so as to rectify it immediately.
NFR-3	Reliability	The software should be able to connect to the database in the event of the server being down due toa hardware or software failure.

NFR-4	Performance	Performance of the app should be reliable withhigh-end servers on which the software is running.
NFR-5	Availability	The software should be available to the users 24/7with all functionalities working. New module deployment should not impact theavailability of existing modules and their functionalities.
NFR-6	Scalability	The whole software deployed must be easily scalableas the customer base increases.