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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login with username Login with password
FR-4	Product record	Product name Stock count Product category Vendor details
FR-5	Email Notification	Email through SendGrid Reduced stock quantity Email to both retailer and seller
FR-6	Audit Monitoring	Monitor incoming and outgoing stock

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Highly portable, User-friendly and highly responsive UI for easy access
NFR-2	**Security**	Access Control, User privileges, Password management features
NFR-3	**Reliability**	Secure server for reliable and fault tolerant connection
NFR-4	**Performance**	Reliable performance with high-end servers
NFR-5	**Availability**	Service hosting server downtime should be negligible during upgradation
NFR-6	**Scalability**	The resources and service provided by the software should be scalable