

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	13 October 2022
Team ID	PNT2022TMID48363
Project Name	Natural Disaster intensity analysis and classification using artificial intelligence
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	<b>User Registration</b>	Registration through Form Registration through Gmail Registration through Linked IN Registration through Website
FR-2	<b>User Confirmation</b>	Confirmation via Email Confirmation via OTP Confirmation via Mobile Number
FR-3	<b>User Login</b>	Login with Username Login with Password Login with Email
FR-4	<b>Profile Update</b>	Update their Contact details Update their experience Update their Achievements
FR-5	<b>Uploading Data</b>	Collect the Customer details Collect the Sales Count Collect the sales value This model helps to the predict the Profit/Loss count and future Sales value
FR-6	<b>Ratings and Reviews</b>	The User provide useful and constructive Feedback. User would feel free to give their reviews.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	There are more likely to have enough inventory to capture every possible Scale While avoiding over stock and Minimizing expenses. This model can be supported on both Desktop and Mobile browser.
NFR-2	<b>Security</b>	The system allow to access client data , analytics and reports to only Authorized user. The rights to add or correct data must be restricted for individual employees.
NFR-3	<b>Reliability</b>	This application we can use for low level RAM. It do not consume more storage.
NFR-4	<b>Performance</b>	The system must be capable of handling 100 employee accounts and 10000 orders per day without affecting its performance.
NFR-5	<b>Availability</b>	The model is suitable for all kind of retail stores. It can give retailers real-time visibility into stock levels, avoid stock outs, keeps inventory carrying costs low and help

		meet customer expectations.
NFR-6	<b>Scalability</b>	The system must support implementing new features and modules without disrupting existing processes. The system must support horizontal scaling for launching new retail stores with multiple POS.