

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

Date	03 October 2022
Team ID	PNT2022TMID21819
Project Name	ESTIMATE THE CROP YIELD USING DATA ANALYTICS
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 Form Registration through Gmail Registration through portal
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Getting access to the portal is a simple method and no complexity is observed so far
NFR-2	<b>Security</b>	The personal details such as phone number and email Id are secured from public views
NFR-3	<b>Reliability</b>	The solution is more reliable and consistent in providing the prediction results
NFR-4	<b>Performance</b>	Good performance is been recorded so far
NFR-5	<b>Availability</b>	This portal is available to all the users and the customers and its easy to find in the common platforms
NFR-6	<b>Scalability</b>	The scalability of the service and the overall function of the model is good so far.