

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

<b>Date</b>	<b>29 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID26231</b>
<b>Project Name</b>	<b>Fertilizers Recommendation System for Disease Prediction</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

**Functional Requirements:**

Following are the functional requirements of the proposed solution

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	Opening Website	Fertilizer Recommendation system website should be opened.
FR-2	Uploading Data	Filling the details about the crop and soil.
FR-3	Requesting Solution	Uploaded data is compared with the pre-defined data and solution is generated
FR-4	Final Solution	The final solution is predicting the recommended fertilizer and usage of that fertilizers.

**Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	The system allows the user to perform the tasks easily and efficiently and effectively.
NFR-2	<b>Security</b>	Assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	<b>Reliability</b>	The website does not recover from failure quickly ,it takes time as the application is running in single server .
NFR-4	<b>Performance</b>	Response Time and Net Processing Time is Fast.
NFR-5	<b>Availability</b>	The system will be available up to 95% of the time.
NFR-6	<b>Scalability</b>	The website is scalable.