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

Date	15October2022
Team ID	PNT2022TMID44423
Project Name	Digital Naturalist– AI Enabled tool for Biodiversity Researchers.
Maximum Marks	4Marks

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 details**	Users are required to register the impersonal details.. Like name, age, phone no, email, address, and etc
FR-4	**User requirements**	The user simply inputs of the searching species image .The software will instantly generate accurate image of species to the individuals and also provide the suitable environment. This software is also provide the additional information about the plant.

Non-functional Requirements:

Following are then on-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Efficient for the frequent users. User scan easily Understand what the application does and feel satisfied with the system.
NFR-2	**Security**	• AI powered nutrition analyzer for fitness should contain more security in which our data which entered or maintained should be more security. •With the help of the username and password it provides more security in which it can access more Securable and the data are private.
NFR-3	**Reliability**	This application must perform without failure in 95 percent of use cases during a month.
NFR-4	**Performance**	This application supporting 1,000 users per hourmustprovide6secondsorlessresponsetimeina Desktop browser ,Including the rendering of text and images , over an LTE connection.
NFR-5	**Availability**	The web dashboard must be available to user's99.9 Percent of the time every month during business shouts EST. Users can access every time.
NFR-6	**Scalability**	The application must be scalable enough to support 10,000 visit sat the same time while maintaining optimal performance.