

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

Date	15 October 2022
Team ID	PNT2022TMID43253
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Login	Enter the valid username and password
FR-4	capturing	Capturing the species image
FR-5	Uploading	Captured image can be upload in the application
FR-6	Processing and displaying	It process and shows the result about the species details

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It helps user to get information about the species and also user can access our site without any prior knowledge.
NFR-2	Security	It generate the OTP whether the user given phone number or email are valid
NFR-3	Reliability	Different and rare species information are availability in our sites.
NFR-4	Performance	Speed Response Bandwidth constraints
NFR-5	Availability	Focuses on the user's expectation and experience.
NFR-6	Scalability	Handle current and future loads It works more efficiently.