

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

Date	15 October 2022
Team ID	PNT2022TMID30160
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	<b>Usability</b>	It helps user to get information about the species and also user can access our site without any prior knowledge.
NFR-2	<b>Security</b>	It generate the OTP whether the user given phone number or email are valid
NFR-3	<b>Reliability</b>	Different and rare species information are availability in our sites.
NFR-4	<b>Performance</b>	Speed Response Bandwidth constraints
NFR-5	<b>Availability</b>	Focuses on the user's expectation and experience.
NFR-6	<b>Scalability</b>	Handle current and future loads It works more efficiently.