

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

Date	17 October 2022
Project Name	Project – Digital Naturalist
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User input	Image input through camera
FR-4	Classification output	Alert through prompt
FR-5	Discussion Forum	Display discussions and comments
FR-6	User History	Provide history of user classified species

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly, easy to register, provide input and get species identified
NFR-2	Security	Secure user information in discussion forum
NFR-3	Reliability	User gets the name of the species that was submitted as image input
NFR-4	Performance	Aesthetic UI. Classification is aimed to be precise and quick.
NFR-5	Availability	24/7 available system for usage
NFR-6	Scalability	Can increase the dataset and model capabilities to classify large number of species.