

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

Date	14 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 Gmail Registration through form
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Interface	A webpage for user interaction
FR-4	AI Model	A model to classify the images
FR-5	User Input	User provides image input through camera
FR-6	Output	Results shown through prompt
FR-7	Discussion Forum	Discussion and comments of other users are displayed
FR-8	User History	Provides 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	Easy to use and provides accurate results
NFR-2	Security	Secure user information
NFR-3	Reliability	User gets the name of the species accurately
NFR-4	Performance	Provides faster and accurate results
NFR-5	Availability	Can be used 24/7
NFR-6	Scalability	Can classify large number of species