

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID40321
Project Name	Digital Naturalist – AI Enabled tool for Biodiversity Researchers.
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 Mobile Number Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via Mobile Number
FR-3	Login	Create userid and password for logging in during first login. Use this for future use of web app.
FR-4	Scanning	Scan a image using your device camera.
FR-5	uploading	Can upload an image from your device.
FR-6	Displaying Details	It Shows a details about the species. Lot of details will be available in our web app.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Naturalist can use this application to get the details about the species by just scanning the species or by uploading the image of the species.
NFR-2	Security	Particular password is there for you. No one can able to access the web app without the knowledge of user since there will be separate password for every user. One Time Password will be generated.
NFR-3	Reliability	All species information will be available in our web app .Lot of information will be available in our web app. Customers reviews are always welcome

NFR-4	Performance	Response will be fast. Correct information will be provided.Can be even accessible in lower bandwidth.
NFR-5	Availability	Will be available all the time. Easy to access.Will make available for everyone. It can be make available wherever and whenever.
NFR-6	Scalability	Will update the details according to the user needs. It works more efficiently. Demands of the customer will be updated.