

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

<i>Date</i>	<i>03 October 2022</i>
<i>Team ID</i>	<i>PNT2022TMID22302</i>
<i>Project Name</i>	<i>Project - Digital Naturalist - AI Enabled tool for Biodiversity Researchers</i>
<i>Maximum Marks</i>	<i>4 Marks</i>

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
<i>FR-1</i>	<i>User Registration</i>	<i>Registration through Form Registration through Gmail</i>
<i>FR-2</i>	<i>User Confirmation</i>	<i>Confirmation via Email</i>

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
<i>NFR-1</i>	Usability	<i>Provides information about the flora and fauna species the users encounter on their search.</i>
<i>NFR-2</i>	Security	<i>Web AppSec</i>
<i>NFR-3</i>	Reliability	<ul style="list-style-type: none"> <i>Failure-free web operation completions.</i> <i>Immediate and precise information after a single image scan.</i>
<i>NFR-4</i>	Performance	<i>Smooth and interactive.</i>
<i>NFR-5</i>	Availability	<i>Readily available irrespective of time and place when accessible to internet.</i>
<i>NFR-6</i>	Scalability	<i>This project can be adapted on a</i>

		<i>large scale by collaborating with biodiversity researchers and naturalists who want to expand their research and protect wildlife</i>
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