**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 15 October 2022 |
| Team ID | PNT2022TMID47172 |
| Project Name | Digital Naturalist - AI Enabled tool for Biodiversity Researchers |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

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| --- | --- | --- |
| **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:**

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | It helps user to get information about the species and also user can access our site without any prior knowledge. |
| NFR-2 | **Security** | It generate the OTP whether the user given phone number or email are valid |
| NFR-3 | **Reliability** | Different and rare species information are availability in our sites. |
| NFR-4 | **Performance** | Speed Response  Bandwidth constraints |
| NFR-5 | **Availability** | Focuses on the user’s expectation and experience. |
| NFR-6 | **Scalability** | Handle current and future loads It works more efficiently. |