**Project Design Phase-II**

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

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| Date | 28 June2025 |
| Team ID | LTVIP2025TMID32623 |
| Project Name | Enchanted Wings: Marvels of Butterfly Species |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Data Import and Preparation | Creating datasets from open source.  Train the data and taking preparation |
| FR-4 | Dashboard and visualization | Showing all the chartsin dashboard. |
| FR-5 | Story boarding | Construct a user-friendly story path highlighting dashboard findings.  Present data in logical, decision-guiding order. |
| FR-6 | Publishing and Access | Publish final dashboard and story to Tableau Public.  Generate public link. |

**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Dashboard must be user-friendly and intuitive for a non-technical audience. |
| NFR-2 | **Security** | Published dashboard should not expose any sensitive or personal data. |
| NFR-3 | **Reliability** | Dashboard should perform consistently without crashes or data loss. |
| NFR-4 | **Performance** | Load time should be under 5 seconds for average datasets. |
| NFR-5 | **Availability** | Dashboard should be accessible anytime via Tableau Public. |
| NFR-6 | **Scalability** | Solution should handle increased data volume without major redesign. |