**Project Design Phase-II**

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

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| Date | 24 June 2025 |
| Team ID | LTVIP2025TMID47668 |
| Project Name | ToyCraft Tales: Tableau's vision into toy manufacturer data |
| 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 | Data Upload | Upload toy sales and production data via CSV or Excel file |
| FR-2 | Data Visualization | Generate interactive dashboards using Tableau |
| FR-3 | Sales Trend Analysis | Provide visual reports of sales trends and peak seasons |
| FR-4 | Defect Rate Insights | Display defect rates in production using visualization |
| FR-5 | Export Reports | Export visual reports in PDF and image formats |

**Non-functional Requirements:**

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

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| **NFR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Usability | Easy-to-use interface with drag-and-drop features |
| NFR-2 | Security | Secure login with password protection, role-based access |
| NFR-3 | Reliability | Ensure system handles large datasets without crashing |
| NFR-4 | Performance | Dashboards load within 3 seconds for optimal performance |
| NFR-5 | Availability | System available 99.9% of the time, minimal downtime |
| NFR-6 | Scalability | Support increased data volume as company grows |