Solution Requirements (Functional & Non-functional)

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID51044 |
| Project Name | Teycraft Tales: Tableau’s Vision into Toy Manufacturer Data |
| Maximum Marks | 4 Marks |
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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 Visualization | Interactive dashboards in Tableau Charts for sales, inventory, and trends |
| FR-4 | Data Filtering & Interaction | Filters by region, product type, etc. Drill-down capability in visuals |

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 | The dashboards should be user-friendly and intuitive for both technical and non-technical users. |
| NFR-2 | Security | Data access should be role-based and secured using authentication mechanisms. |
| NFR-3 | Reliability | The system should provide accurate visualizations consistently without crashing. |
| NFR-4 | Performance | Dashboards should load in under 5 seconds for standard queries. |
| NFR-5 | Availability | The solution should be accessible 24/7 with minimal downtime. |
| NFR-6 | Scalability | The system should handle increasing data volumes and more users without significant performance degradation. |