**Project Design Phase-II**

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

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| --- | --- |
| Date | 30/06/25 |
| Team ID | LTVIP2025TMID47465 |
| Project Name | Cosmetic Insights: Navigating Cosmetics Trends and Consumer Insights with Tableau |
| 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 Import | Import cosmetic sales data from CSV Connect to live database (Google Sheets/MySQL) |
| FR-2 | Data Cleaning & Transformation | Handle missing values Create derived fields like category, age group |
| FR-3 | Data Visualization | Create Tableau worksheets Develop dashboards for sales, categories, and demographics |
| FR-4 | User Interaction | Filter by region, category, gender Compare sales performance across product lines |
| FR-5 | User Access | Enable role-based access (Analyst, Brand Manager, Developer) Allow download/export of insights |
| FR-6 | Feedback Loop | Allow stakeholder reviews Implement revision and update cycle |

**Non-functional Requirements:**

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

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| NFR No. | Description |
| NFR-1 | User-friendly Tableau dashboard with clear filters and legends |
| NFR-2 | Secure access with role-based permissions and database encryption |
| NFR-3 | Reliable processing of diverse data formats ensuring accuracy |
| NFR-4 | Fast loading dashboards and responsive filtering |
| NFR-5 | Cross-device accessibility with minimal downtime |