**Project Design Phase-II**

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

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| --- | --- |
| Date | 27-06-2025 |
| Team ID | LTVIP2025TMID48676 |
| Project Name | Cosmetic Insights |
| 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 | Sales Dashboard | View Total Sales, Revenue & Profit Filter by Product Category & City |
| |  | | --- | | FR-2 |  |  | | --- | |  | | |  | | --- | | Customer Insights |  |  | | --- | |  | | View Customer Preferences Highlight Top Products by Gender & Age Group |
| FR-3 | Trend Analysis | Show Monthly & Seasonal Trends Display Line/Area Charts by Product Type |
| FR-4 | Text Analytics | Generate Word Cloud from Tags/Reviews Filter Keywords by Category |
| FR-5 | Funnel Analysis | Visualize Customer Journey Stages Track Drop-offs at Each Stage |

**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 system should be easy to use and navigate, even for first-time users, with a user-friendly interface. |
| |  | | --- | | NFR-2 |  |  | | --- | |  | | Security | The system must ensure data confidentiality, integrity, and access control to prevent unauthorized access. |
| |  | | --- | | NFR-3 |  |  | | --- | |  | | Reliability | The system should operate consistently without failures and recover gracefully from unexpected issues. |
| |  | | --- | | NFR-4 |  |  | | --- | |  | | Performance | The system should provide quick response times and handle high volumes of data and user interactions efficiently |
| |  | | --- | | NFR-5 |  |  | | --- | |  | | Availability | The system should be accessible and operational 24/7 with minimal downtime. |