**Project Design Phase-II**

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

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| Date | JUNE 19 2025 |
| Team ID | LTVIP2025TMID32436 |
| Project Name | TRAFFIC TELLIGENCE |
| 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 | Passengers knowing to book their tickets | Police know how to control traffic |
| FR-2 | Enrolment in app | Traffic police officers can know how to operate app in a proper way |
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**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** | The app should have an intuitive and user-friendly interface, ensuring smooth navigation and accessibility for users of all demographics. |
| **NFR-2** | **Security** | User authentication and data must be secured using encryption (e.g., HTTPS, OAuth for third-party logins). The app should prevent unauthorized access and follow best security practices. |
| **NFR-3** | **Reliability** | The app should ensure a consistent and uninterrupted music streaming experience, minimizing crashes and downtime. |
| **NFR-4** | **Performance** | Courses should load and stream with minimal buffering. The app should respond to user interactions (search, playback, course management) within 2 seconds. |
| **NFR-5** | **Availability** | The system should maintain an uptime of at least 99.9%, ensuring accessibility across different time zones. |
| **NFR-6** | **Scalability** | The designed app should provide users to book their tickets easily. |