

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

|               |                                                                             |
|---------------|-----------------------------------------------------------------------------|
| Date          | 29 June 2025                                                                |
| Team ID       | LTVIP2025TMID46233                                                          |
| Project Name  | TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning |
| Maximum Marks | 4 Marks                                                                     |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task)                                                       |
|--------|-------------------------------|------------------------------------------------------------------------------------------|
| FR-1   | User Registration             | Registration through Form<br>Registration through Gmail<br>Registration through LinkedIn |
| FR-2   | User Confirmation             | Confirmation via Email<br>Confirmation via OTP                                           |
| FR-3   |                               |                                                                                          |
| FR-4   |                               |                                                                                          |
|        |                               |                                                                                          |
|        |                               |                                                                                          |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|-------------|
| NFR-1  | Usability                  |             |
| NFR-2  | Security                   |             |
| NFR-3  | Reliability                |             |
| NFR-4  | Performance                |             |
| NFR-5  | Availability               |             |
| NFR-6  | Scalability                |             |