

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

|               |  |
|---------------|--|
| Date          | 2 July 2025  |
| Team ID       | LTVIP2025TMID59150   |
| Project Name  | Plugging into future an exploration of electricity consumption using tableau |
| 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  | <b>Usability</b>           | How easily and effectively users can accomplish tasks using a product   |
| NFR-2  | <b>Security</b>            | Measures taken to protect people property or information from harm threats or unauthorized access.                  |
| NFR-3  | <b>Reliability</b>         | The consistency and dependability of something  |
| NFR-4  | <b>Performance</b>         | Balance the positive with area for growth measurable results make feedback meaningful                               |
| NFR-5  | <b>Availability</b>        | Suitable or ready for use ; of use or service; at hand  |
| NFR-6  | <b>Scalability</b>         | It measures of a system's performance and cost in response to changes in application and system processing demands. |