**Project Design Phase-II**

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

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID29459 |
| Project Name | **Citizen AI – Intelligent Citizen Engagement Platform** |
| Maximum Marks | 4 Marks |

| * **FR No.** | * **Functional Requirement (Epic)** | * **Sub Requirement (Story / Sub-Task)** |
| --- | --- | --- |
| * **FR-1** | * **User Registration** | * + **Registration through Form** * **- Registration via Gmail** |
| * **FR-2** | * **User Confirmation** | * **- Confirmation via Email - Confirmation via OTP** |
| * **FR-3** | * **User Login & Authentication** | * **- Login with credentials - Session management - Logout securely** |
| * **FR-4** | * **AI Chat Assistant** | * **- Accept user queries - Return AI-generated responses - Analyze sentiment and display** |

| * **NFR No.** | * **Non-Functional Requirement** | * **Description** |
| --- | --- | --- |
| * **NFR-1** | * **Usability** | * **User interface must be intuitive, clean, and accessible.** |
| * **NFR-2** | * **Security** | * **Data must be securely transmitted using HTTPS. Authentication is required.** |
| * **NFR-3** | * **Reliability** | * **System should operate consistently under normal conditions.** |
| * **NFR-4** | * **Performance** | * **Responses should be returned within 2 seconds under average load.** |
| * **NFR-5** | * **Availability** | * **System should be available 24/7 with minimal downtime.** |
| * **NFR-6** | * **Scalability** | * **System should handle increasing number of users and data without failure.** |