

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

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

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| • FR No. | • Functional Requirement (Epic) | • Sub Requirement (Story / Sub-Task) |
| • FR-1 | • User Registration | <ul style="list-style-type: none"> ○ Registration through Form • - Registration via Gmail |
| • FR-2 | • User Confirmation | <ul style="list-style-type: none"> • - Confirmation via Email - Confirmation via OTP |
| • FR-3 | • User Login & Authentication | <ul style="list-style-type: none"> • - Login with credentials - Session management - Logout securely |
| • FR-4 | • AI Chat Assistant | <ul style="list-style-type: none"> • - Accept user queries - Return AI-generated responses - Analyze sentiment and display |

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| • NFR No. | • Non-Functional Requirement | • Description |
| • NFR-1 | • Usability | <ul style="list-style-type: none"> • User interface must be intuitive, clean, and accessible. |
| • NFR-2 | • Security | <ul style="list-style-type: none"> • Data must be securely transmitted using HTTPS. Authentication is required. |
| • NFR-3 | • Reliability | <ul style="list-style-type: none"> • System should operate consistently under normal conditions. |
| • NFR-4 | • Performance | <ul style="list-style-type: none"> • Responses should be returned within 2 seconds under average load. |
| • NFR-5 | • Availability | <ul style="list-style-type: none"> • System should be available 24/7 with minimal downtime. |

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| <ul style="list-style-type: none">• NFR No. | <ul style="list-style-type: none">• Non-Functional Requirement | <ul style="list-style-type: none">• Description |
| <ul style="list-style-type: none">• NFR-6 | <ul style="list-style-type: none">• Scalability | <ul style="list-style-type: none">• System should handle increasing number of users and data without failure. |