**Project Design Phase-II**

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

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID21141 |
| Project Name | Edu Tutor AI: Personalized Learning With Generative AI and LMS Integration |
| 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 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | AI-Based Quiz Generation | Generate quizzes dynamically based on subject & standard, Evaluate quiz responses, Generate reports |
| FR-4 | Performance Dashboard | View quiz history, Track progress, Display performance analytics |
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**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The platform must be easy to navigate for students and educators with a clean UI/UX design. |
| NFR-2 | **Security** | User data should be protected with secure login, authentication, and encrypted storage. |
| NFR-3 | **Reliability** | The system must be available and consistent during usage without crashes or errors. |
| NFR-4 | **Performance** | The application should load quizzes and analytics in under 3 seconds. |
| NFR-5 | **Availability** | The service should be up and running 99.9% of the time to ensure access anytime. |
| NFR-6 | **Scalability** | The platform should handle growing users and increasing quiz data efficiently over time. |