**Project Design Phase-II**

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

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59564 |
| Project Name | Edututor 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 | Content Generation | Text input to Explanation  Text input to Summary  Text input to Quiz |
| FR-2 | Quiz Functionality | Generate quiz from user text  View instant feedback  Retry incorrect questions |
| FR-3 | User Interface | No-login usage for instant access  Responsive layout  Minimal and distraction-free design |
| FR-4 | Results Export | Export summary/explanation as PDF  Save quiz responses as downloadable file |
| FR-5 | Feedback Collection | Display optional feedback form after usage  Record anonymous user preferences |

**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** | Interface must be easy to use with clear navigation and user-friendly design. |
| NFR-2 | **Security** | Input data should be securely handled without saving personal information. |
| NFR-3 | **Reliability** | System must consistently return accurate and relevant responses. |
| NFR-4 | **Performance** | Model responses (quiz, explanation, summary) should appear within 2–3 seconds. |
| NFR-5 | **Availability** | The web app should be available 99% of the time with minimal downtime. |
| NFR-6 | **Scalability** | Should handle increased load from more users or future integrations. |