**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 26.june.2025 |
| Team ID | LTVIP2025TMID53135 |
| Project Name | LearnHUb:Your Center For Skill Enhancement |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements (FR):**

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement** | **Sub Requirement** |
| **FR-1** | **User Registration** | **Form, Gmail, LinkedIn** |
| **FR-2** | **Email Confirmation** | **OTP or confirmation link** |
| **FR-3** | **Course Management** | **Browse, search, filter, enroll** |
| **FR-4** | **Learning Modules** | **View videos, reading content, quizzes** |
| **FR-5** | **Certificate Generator** | **Auto-generate upon completion** |
| **FR-6** | **Instructor Module** | **Upload, edit, delete courses** |
| **FR-7** | **Payment Gateway** | **For paid courses** |

**Non-functional Requirements:**

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

| **NFR No.** | **Requirement** | **Description** |
| --- | --- | --- |
| **NFR-1** | **Usability** | **Easy UI/UX for all user types** |
| **NFR-2** | **Security** | **Encrypted login, role-based access** |
| **NFR-3** | **Reliability** | **System handles 100+ concurrent users** |
| **NFR-4** | **Performance** | **Load time < 3 sec, fast responses** |
| **NFR-5** | **Availability** | **99.9% uptime with cloud deployment** |
| **NFR-6** | **Scalability** | **Add more courses/users without lag** |