Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 26 JUNE 2025 |
| Team ID | LTVIP2025TMID59454 |
| Project Name | LearnHub: Your Center for Skill Enhancement |
| 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 | Educators create courses | Create chapters, add pages in chapters, upload videos |
| FR-2 | Learners enroll in courses | Students enroll in course, complete chapters, track  progress |
| FR-3 | Certificate generation | Certificate gets generated upon course completion |
| FR-4 | Assessment and Quizzes | Add quizzes to chapters, auto-evaluate answers,  provide instant feedback |
| FR-5 | User Registration & Login | Register as learner/educator, secure login, forgot  password |
| FR-6 | Profile Management | View/edit profile details, update profile picture,  manage learning interests |
| FR-7 | Learning Dashboard | Show enrolled courses, progress, certificate status |
| FR-8 | Admin course moderation | Approve/reject course content, manage reported  courses |
| FR-9 | Notifications & Reminders | Send alerts for due chapters, new course releases,  certificate updates |
| FR-10 | Discussion Forum | Allow questions, replies, educator-student interaction  per course |

# Non-functional Requirements:

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

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| **NFR No.** | **Non-Functional Requirement** | **Description** |
| **NFR-1** | **Usability** | UI should be intuitive, simple navigation, mobile-responsive design |
| **NFR-2** | **Security** | Secure login, password encryption, role-based access control |
| **NFR-3** | **Reliability** | The app should ensure a consistent and uninterrupted music streaming experience, minimizing crashes and downtime. |
| **NFR-4** | **Performance** | Pages should load within 2 seconds under normal load |
| **NFR-5** | **Availability** | Platform must have 99.9% uptime and minimal downtime |
| **NFR-6** | **Scalability** | System must handle increasing users, content, and concurrent sessions without performance drop |