LEARning management system FOR SYS college

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BUSINESS REQUIREMENT DOCUMENT

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1. **Author Change Control & Approvers**

This document serves as a foundational reference to understand the expectations, needs, and constraints of each stakeholder group, ensuring that the project requirements are accurately defined and aligned with business objectives. The responses collected will guide the development of a comprehensive and validated set of requirements for successful project execution.

**Appendix A**

**SYSTEM REQUIREMENTS MATRIX**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Requirement | Stakeholder Group | Department / Function |
| 1 | Centralized course content and learning material management | Academic Staff, Students | Faculty / Academic Affairs |
| 2 | Student progress tracking and performance analytics | Faculty, Dept. Heads, Execs | Academic, Quality Assurance |
| 3 | Automated assignment submission and grading workflows | Faculty, Admin Staff | Academic Operations |
| 4 | Mobile-friendly interface and offline access | Students | Student Affairs / IT |
| 5 | Push notifications and alerts for deadlines/grades | Students, Faculty | Academic Affairs / Communications |
| 6 | Role-based access control (RBAC) | IT Department, Execs | IT / Information Security |
| 7 | Real-time dashboards and academic reporting | Department Heads, Executives | Academic Affairs / Strategic Planning |
| 8 | Integration with SIS, HRMS, and Active Directory | IT Department | IT / Infrastructure |
| 9 | Cloud-based hosting with backup and scalability | IT Department, Executives | IT / Digital Transformation |
| 10 | Audit trails for grades, attendance, and system activity | Admin Staff, QA Officers | Compliance / QA |
| 11 | Multi-campus support and scalability | Executives, IT Dept. | Institutional Planning / IT |
| 12 | KPI tracking for retention, engagement, and teaching output | Executives, Academic Managers | Strategic Leadership / Inst KPIs |
| 13 | Secure authentication (SSO, MFA, SAML) | IT Department | Information Security |
| 14 | User training and change management support | Academic Staff, Admin Staff | HR / Professional Development |

Table A1: System Requirements Matrix

This matrix outlines the high-level functional requirements identified through stakeholder interviews, mapping each requirement to its corresponding stakeholder group and functional department to ensure traceability and alignment with institutional needs.