REVIEW CHECKLIST

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LEARning management system FOR SYS college

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1. **Business Rules**

Business rules define the operational constraints and logic that must be enforced consistently across the LMS.

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| Rule ID | Business Rule Description |
| BR-01 | Only faculty can create or modify courses they own. |
| BR-02 | A student must be officially enrolled (via SIS or Admin) to access a course. |
| BR-03 | Assignment submissions are final after the due date unless resubmission is explicitly enabled. |
| BR-04 | Department Heads can only view data for their own departments. |
| BR-05 | Authentication and access control are handled via Active Directory and RBAC (Role-Based Access Control). |
| BR-06 | Each user must have only one active role per login session. |
| BR-07 | All assignment files are stored with timestamps and version control. |
| BR-08 | Grading scale is fixed (e.g., 0–100) and cannot be modified without admin privileges. |
| BR-09 | Plagiarism checks are automatically triggered upon student submission. |

1. **Non-Functional Requirements**

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| Category | Requirement |
| Performance | The LMS must support at least 1,000 concurrent users without degradation. |
| Scalability | The system should scale to accommodate future campuses and additional faculties. |
| Availability | System uptime must be 99.5% or higher during academic terms. |
| Security | All data must be encrypted in transit (HTTPS) and at rest. SSO via Active Directory with MFA is required. |
| Accessibility | The system must meet WCAG 2.1 AA standards for students with disabilities. |
| Usability | Key tasks (e.g., course access, assignment submission) should be completed in ≤ 3 clicks. |
| Localization | Interface must support English, with future ability to add regional languages. |
| Backup & Recovery | Daily backups are required with 7-day retention and a recovery time objective (RTO) of ≤ 4 hours. |

1. **Assumptions and Dependencies**
   1. **Assumptions**
      1. All users (students, faculty, admin) have basic digital literacy
      2. Internet connectivity is available on all campuses
      3. Integration endpoints (APIs) for SIS, AD, and Turnitin are available and stable
   2. **Dependencies**
      1. SIS must provide timely enrollment data for student-course mapping
      2. Active Directory must be configured to support SSO and MFA before go-live
      3. Turnitin licensing and API credentials must be obtained before integration
      4. Device/browser compatibility testing will be completed before launch