Phase 1 Completion Report

Assignment & Exam Management System

Requirement Gathering

- Understand the needs of students, teachers, and academic administrators.
- Identify functionalities such as:
- • Assignment submission and tracking.
- • Grade recording and tracking.
- • Performance reports and analytics.
- Ensure system supports real-time updates for accuracy and efficiency.

Stakeholder Analysis

- Key stakeholders include:
- • Students: Need access to assignment submissions, grades, and timely alerts.
- • Teachers: Require tools to create, manage, and evaluate assignments and exams efficiently.
- • Academic Administrators: Need detailed performance reports, analytics, and monitoring tools.
- System must balance needs of all stakeholders with a user-friendly interface.

Business Process Mapping

- Mapped academic workflows to ensure smooth operations.
- Processes include:
- • Assignment creation by teachers.
- • Submission of assignments by students.
- • Grading by teachers and feedback sharing.
- • Automated generation of performance reports.
- • Communication between stakeholders through system alerts.
- Automation ensures reduced manual work and improved efficiency.

Industry-specific Use Case Analysis

- Focused on solving challenges in educational institutions.
- Analyzed common use cases such as:
- • Timely reminders for upcoming submissions and exams.
- • Automated grade calculations and publishing.
- • Student engagement through progress dashboards.
- • Early intervention for underperforming students via alerts.
- Designed to increase transparency and accountability.

AppExchange Exploration

- Explored Salesforce AppExchange for add-ons and integrations.

- Identified useful tools such as:
- • Third-party SMS and Email services for alerts and reminders.
- • Analytics tools for advanced reporting and insights.
- • Document management and collaboration apps for better assignment handling.
- Helps extend system capabilities beyond core Salesforce features.

Conclusion

- Phase 1 successfully established the foundation for the Assignment & Exam Management System.
- Requirements were gathered with detailed focus on students, teachers, and administrators.
- Business processes were mapped to ensure automation and streamlined workflows.
- Industry-specific use cases were identified to address challenges like performance tracking and engagement.
- AppExchange integrations were explored to expand system functionality.