Team Formation and Project Preliminary

for

COMSYS

University Communication and Services Portal

Section: TT4L

Group: 4

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OneDrive link containing proof of execution: SRE Items

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1 Vision

Note: All further proof of discussion is available in the drive folder path: /Discussions

To revolutionize university communication and service delivery through a unified, modern portal that seamlessly connects students, parents, lecturers, and administrators. The system aims to eliminate communication barriers, enhance academic transparency, and streamline administrative processes by providing real-time access to essential information and services. The system envisions a more connected and efficient campus community where timely communication and easy access to academic services become the standard.

2 Scope

The system portal will serve as a centralized platform for use by students, parents, lecturers, and administrators, providing them with comprehensive access to essential academic and administrative information. Through integration with the university's existing Campus Management System, users will be able to access academic performance data, attendance records, and billing information through a user-friendly interface. The system will enhance communication effectiveness by incorporating SMS Gateway integration, ensuring that critical updates such as low attendance alerts, fee reminders, and academic performance summaries reach students promptly through SMS notifications.

3 Goals

3.1 Communication Delivery

No.		Section	Content
ID	1.1	Identifier	G-1-1
	1.2	Name	Enhanced Communication Delivery
Goal Definition	2.1	Goal description	The system delivers timely and targeted communications to all stakeholders through multiple channels.
	3.2	Super-goal	G-1: Efficient and timely transfer of communication
	3.3	Sub-goals	G-1-11: Send automated SMS notifications for critical updates G-1-12: Provide real-time chat functionality G-1-13: Manage notification preferences per user
	3.4	Other goal dependency	Support of G-2-1: User Experience Enhancement

3.2 Centralized Portal

No.		Section	Content
ID	1.1	Identifier	G-1-2
	1.2	Name	Centralized Academic Management
Goal Definition	2.1	Goal description	The system provides comprehensive access to academic information and records in real-time through a centralized portal.
	3.2	Super-goal	G-2: Enhance academic service delivery
	3.3	Sub-goals	G-1-21: Display current academic performance G-1-22: Track attendance records G-1-23: Manage course materials

3.3   Administrative Services

No.		Section	Content
ID	1.1	Identifier	G-1-3
	1.2	Name	Unified Administrative Services
Goal Definition	2.1	Goal description	The system integrates administrative services with existing campus management systems.
	3.2	Super-goal	G-3: Streamline administrative processes
	3.3	Sub-goals	G-1-33: Handle system configurations

3.4   Parent Portal

No.		Section	Content
ID	1.1	Identifier	G-1-4
	1.2	Name	Enhanced Parent Involvement
Goal Definition	2.1	Goal description	The system facilitates active parental involvement in student academic progress.
	3.2	Super-goal	G-4: Improve stakeholder engagement
	3.3	Sub-goals	G-1-41: Provide academic performance updates G-1-42: Send attendance alerts G-1-43: Enable direct communication channels
	3.4	Other goal dependency	G-1-1: Enhanced Communication Delivery