



Republic of the Philippines
Bicol University Polangui
Polangui, Albay



Project Scope: Student Management System

Short Description of our System

Student management systems (SMS) is a type of information system for education establishments to manage student data. It simplifies the administrative functions like enrollment, grading, attendance tracking, and document management to further help the student faculties and managements to manage student affairs and information's.

Key Functionalities

- Student Registration & Enrollment – Allows the students to register, enroll in courses and update their profiles.
- Course Management and navigation — Helps create a course, assign it instructors, and track student enrollment
- Attendance Management– Automatically records attendance for students and generates reports.
- Grade Management – Allows teachers/faculties to enter, update, and compute student performance.
- Document Management – Enables the storage of vital student details.
- User Roles & Permissions – Provides controlled access for students, teachers, and administrators.

Stakeholders

- Students – View academic records, register for classes and communicate with faculty.
- Teachers/Instructors – Handle student grading, attendance, and course materials.
- Administrators – Manage system processes, manages users, and ensures compliance with academic policies
- -Protectors – (Student Outcome) Understand student performance and receive updates as the students' progress.
- IT Support Staff — Ensure systems are secure and troubleshoot technical problems.

Core Data Processes

- Student Registration & Profile Management – Gathers and amends student personal and academic information.
- Course Enrollment & Management — Enrolls students into specific courses and modifies curriculum details.
- Attendance & Performance Tracking – Provide a real-time attendance and grades recording
- Communication & Notifications – Sends an administrative announcement and academic alerts.
- Generation of Report – Transcripts, grade reports and Performance analytics

Project Members/Proponents:

Leader: Dazzly Moneda

Database Architect: Charls Emil Barquin

SQL Developer: Vincent Macauyam

Back-End Developer: Rod Rañola and Mark John Guillermo

QA Tester: EJ Carl C. Balaguer and John Elmer Bobier Jr.