Module Name: Student Management

1. Problem Statement

Schools often maintain student records using paper files or scattered spreadsheets. This leads to missing data, slow lookups, and inconsistent or outdated information. Promoting students, updating details, or locating records becomes time-consuming and error-prone.

2. Module Description

This module provides a centralized digital system to create, update, organize, and store complete student profiles. It manages personal information, class assignments, documents, enrollment status, and year-to-year transitions.

3. Users

Admin

Principal (view only)

Teachers (view only / partial)

Parents/Students (view only)

4. Features

Create new student profiles with personal and academic details

Update and archive student records

Assign/move students to class & section

Promote students during academic year transitions

Upload and store documents (birth certificate, transfer certificate, ID proof)

Search and filter students by name, enrollment number, class, or section

View full student profile (attendance, marks, fee status — view from other modules)

Export student lists for reporting

5. Inputs / Outputs

Inputs:

Student personal data (name, DOB, gender, address)

Guardian contact info

Class & section assignment

Uploaded documents

Outputs:

Student profile

Class-wise student lists

Downloadable reports

Archived/withdrawn student records

6. User Time & Workload

Admins: High usage (student admission, updates, promotions)

Teachers: Moderate usage (viewing profiles)

Parents/Students: Occasional (view-only)
→ Overall: **High-priority module** since it is the core dataset for all other modules.