

Modern Science Institute

Welcome to our University Management System, designed to streamline the intricate web of academic and administrative operations within our educational institution. This system serves as the backbone for organizing and accessing essential data related to our vibrant university community. Here's a snapshot of its core components:

University Management System Scenario

The university uses a database system to manage its academic structure, including students, courses, instructors, and departments:

- Students: Each student is recorded with personal details, contact information, and academic performance (GPA).
- Courses: Courses have unique IDs and are linked to students (who take them) and instructors (who teach them).
- Instructors: Instructors, with detailed profiles, teach courses and are managed by their respective departments.
- Departments: Departments offer many courses and are associated with both students (indicating their majors) and instructors (indicating employment).

The relationships allow tracking of which students take which courses, which instructors teach them, and which departments offer them.

