



**Enterprise Resource Planning (ERP)
Untuk Perguruan Tinggi**

What is an ERP?

- ***Enterprise Resource Planning***, a business management system that integrates all facets of the business, including planning, manufacturing, sales, and marketing.
- As the ERP methodology has become more popular, software applications have emerged to help business managers implement ERP in business activities such as inventory control, order tracking, customer service, finance and human resources.



An Organisation With ERP



An Organisation Without ERP



Do you think ERP has any role
In University?????????



What is Campus Management?

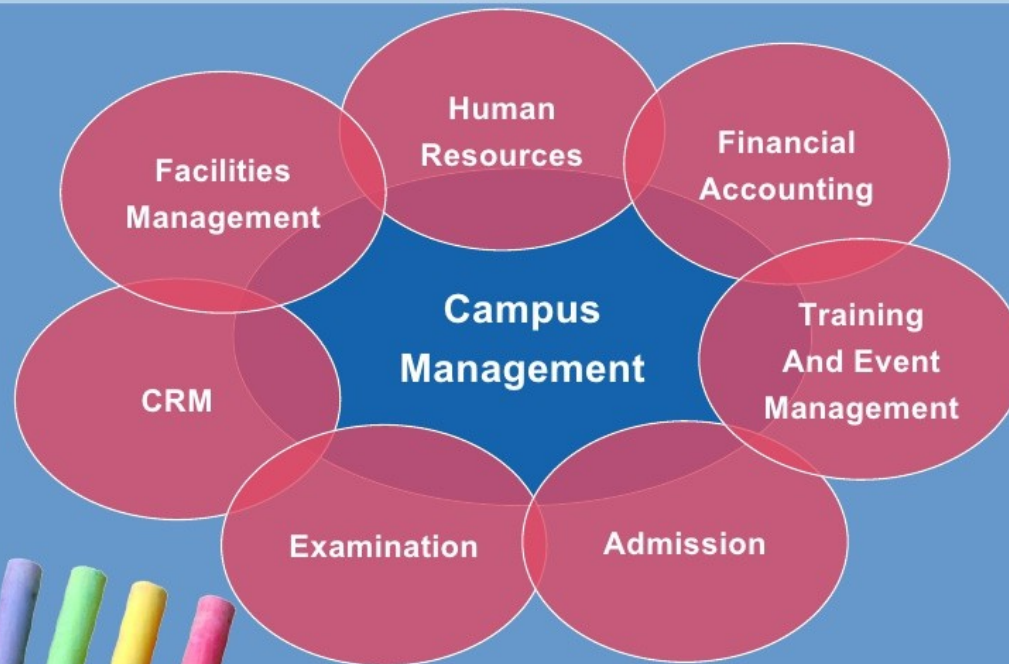
- Campus Management is a process to systematically manage the day-to-day functioning of the University.

- A Campus management system helps to integrate all facets of the University,



including admission, finance, examination, library and scheduling of curriculum.

How Campus Management Works



Problem with Current
systems ??????????



Sistem menggunakan Client-Server (hanya bisa dikerjakan di area LAN)



Masing-masing bagian memiliki sistem sendiri yang terpisah

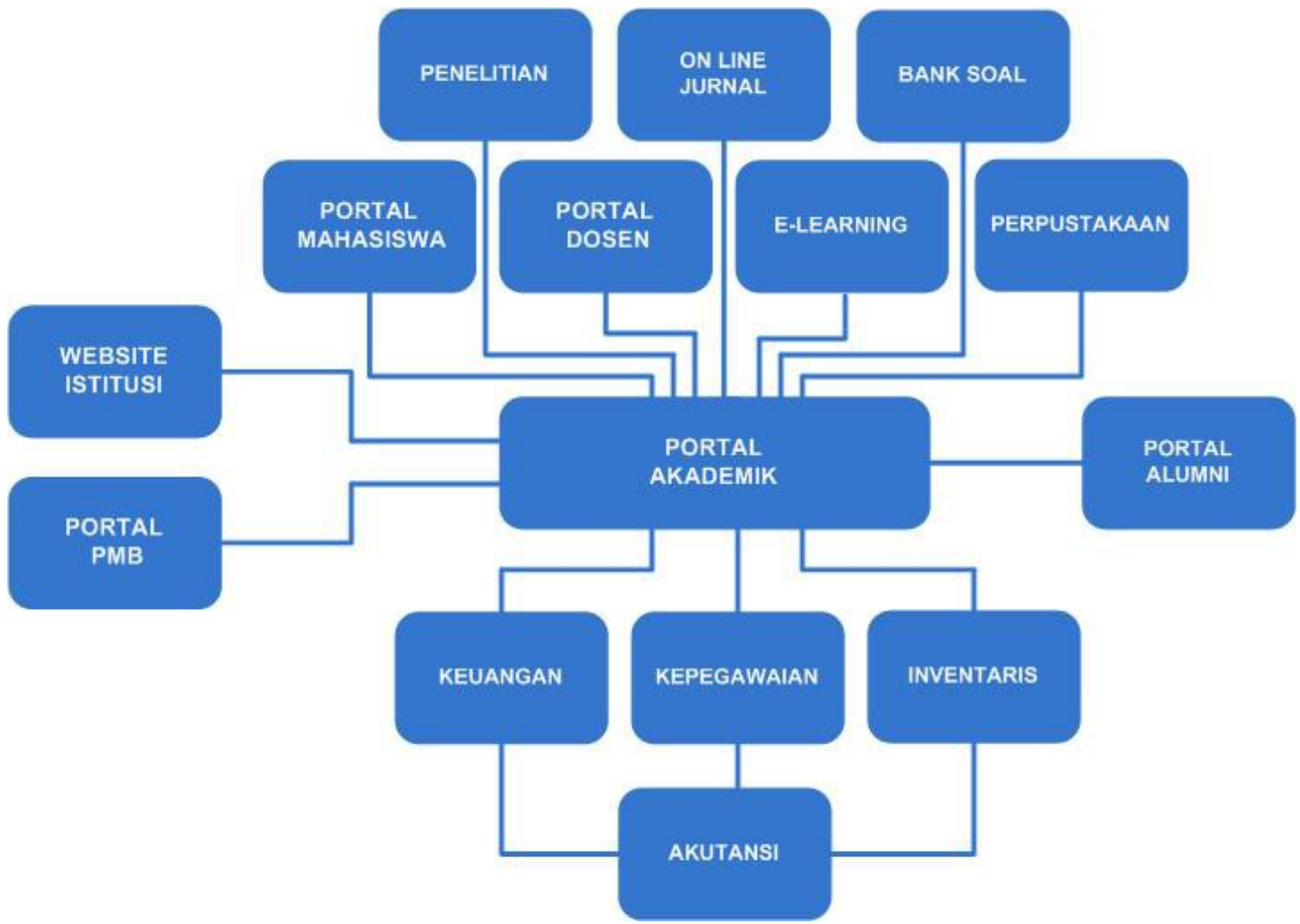


Laporan EPSBED Perlu waktu yang lama untuk menyelesaikan laporan



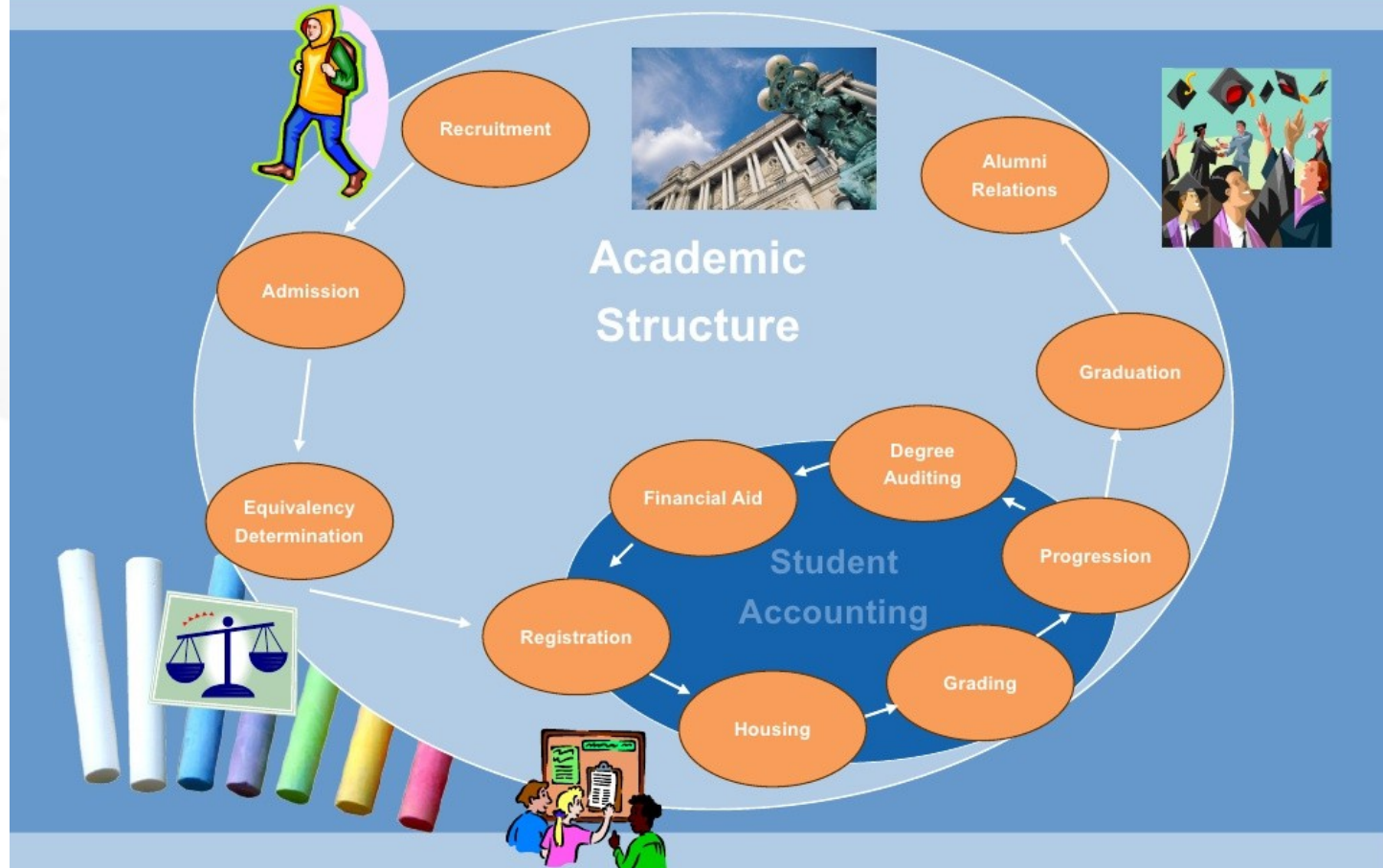


ERP SCHEMA

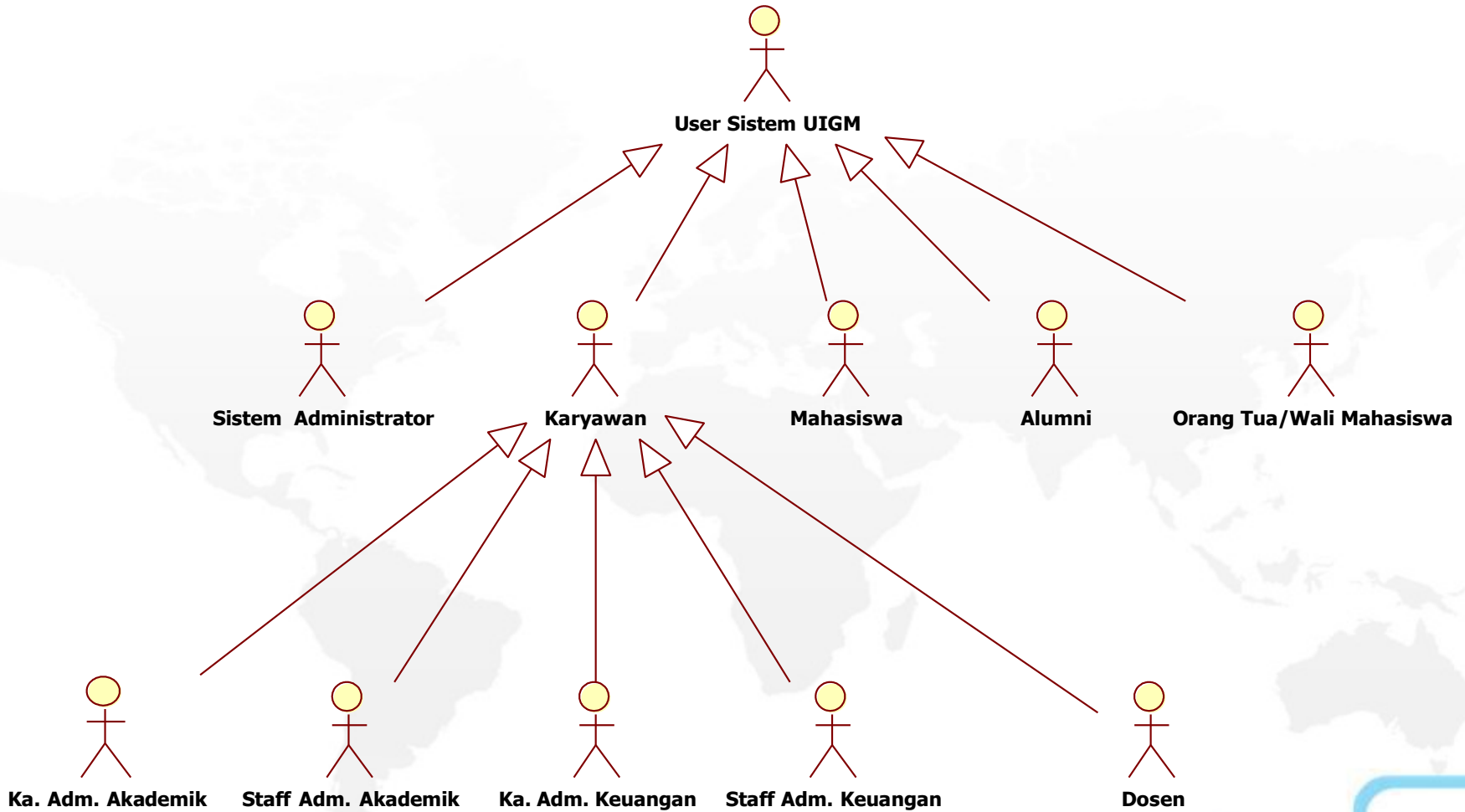




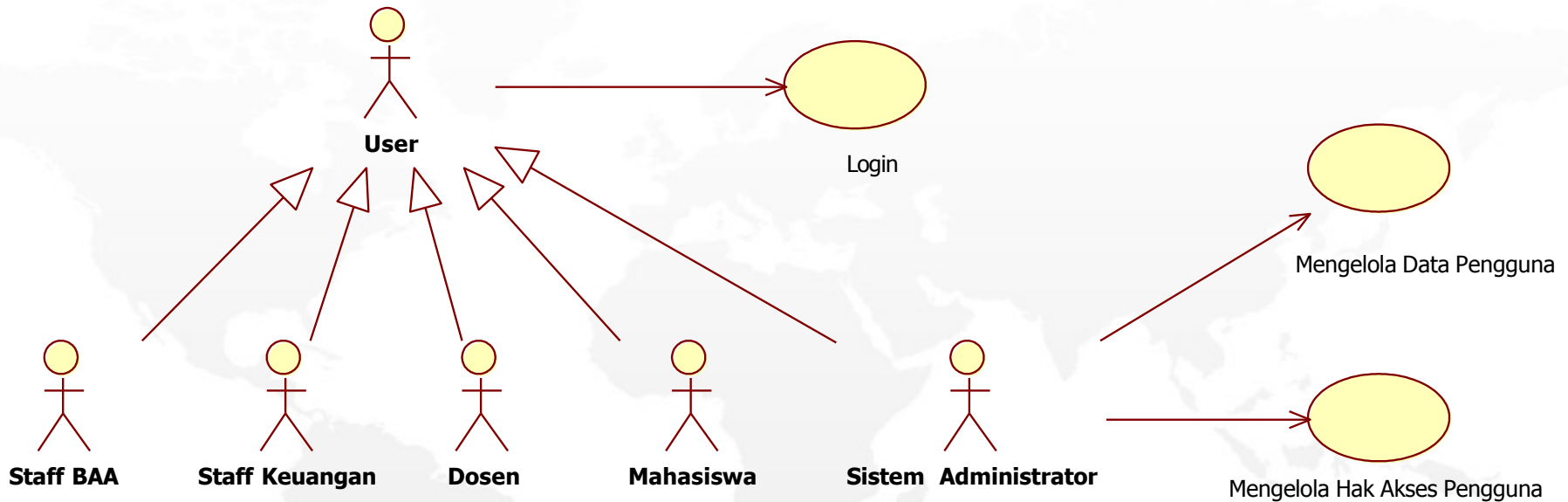
Campus Management and the Student Life-Cycle



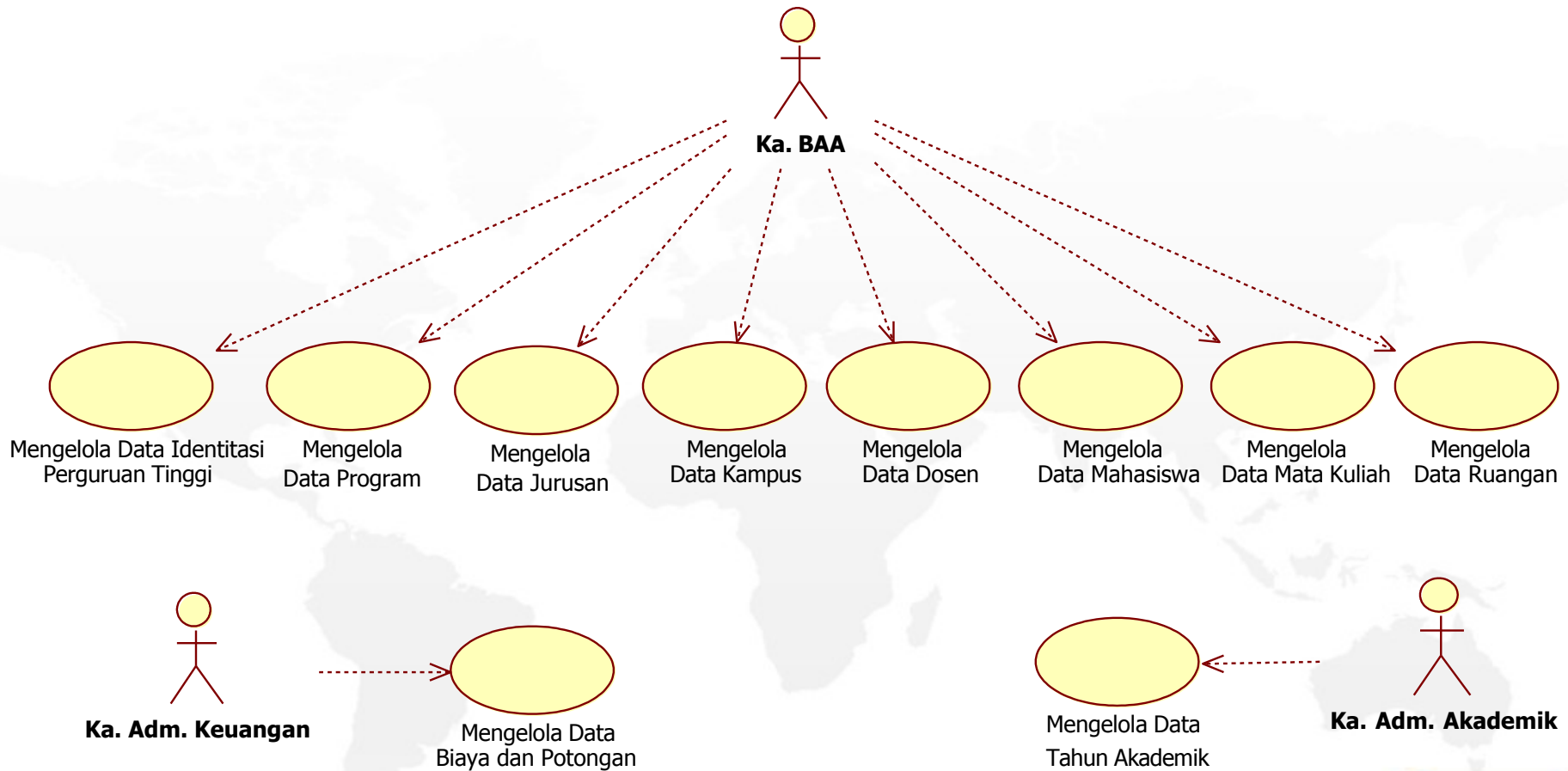
Use Case User



Use case administrasi system



Use Case Data master



Core

- Master Pusat:
 - Semester, Kalender Akademik, Maksimum SKS, Program Kuliah, Program Studi.
- Master Prodi
 - Kalender Akademik Prodi, Predikat Kelulusan, dll.
- Course
 - Mata Kuliah, Kelas, Kapasitas Kelas, Kurikulum, dll.
- Civitas Akademika:
 - Student
 - Faculty
 - Staff
 - Parent



Core

C O R E

- C O R E
- Master Pusat
- Master Prodi
- Course
- Student
- Faculty
- Staff
- Parent



Integration

Admission

C O R E



- Program Kuliah & Program Studi
- Profil Calon Mahasiswa otomatis menjadi profil Student
- Jangkauan lebih luas.

Integration

Admission

Academic
Advisor

C O R E



"I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!"

- Students & Faculties
- Communication between students & faculties

Integration

Admission

Academic
Advisor

Student
Finance

C O R E



- Tidak bisa KRS jika belum lunas
- Tidak bisa lihat nilai jika belum lunas
- Tidak bisa ikut ujian jika belum lunas

Integration

Admission

Academic
Advisor

Student
Finance

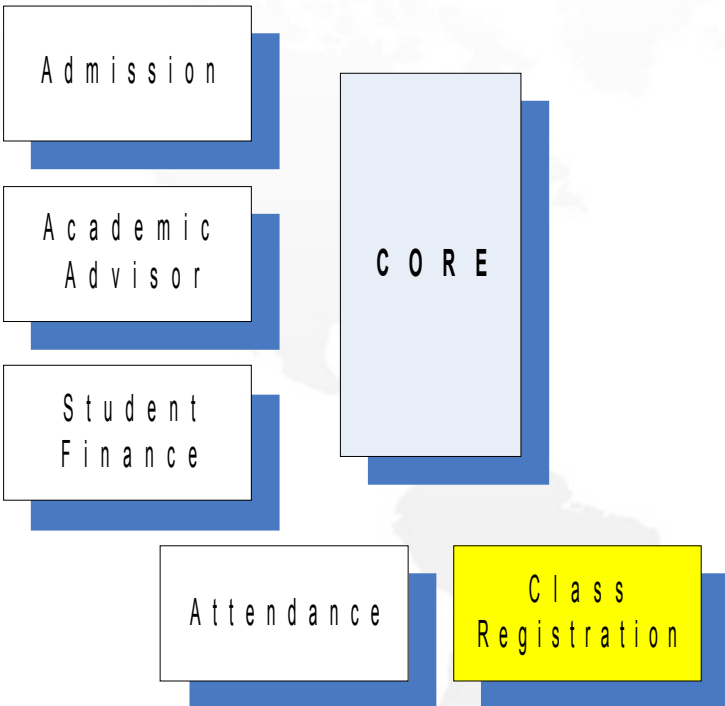
Attendance

C O R E



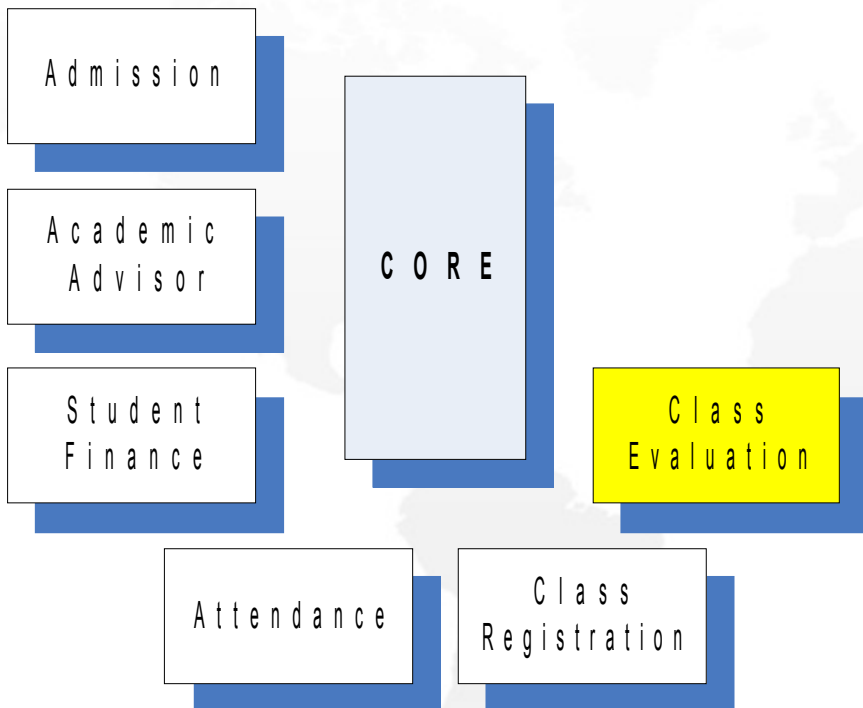
- Kehadiran sesuai dengan sesi kelas
- Daftar kehadiran mahasiswa yang terdaftar di kelas tsb.

Integration



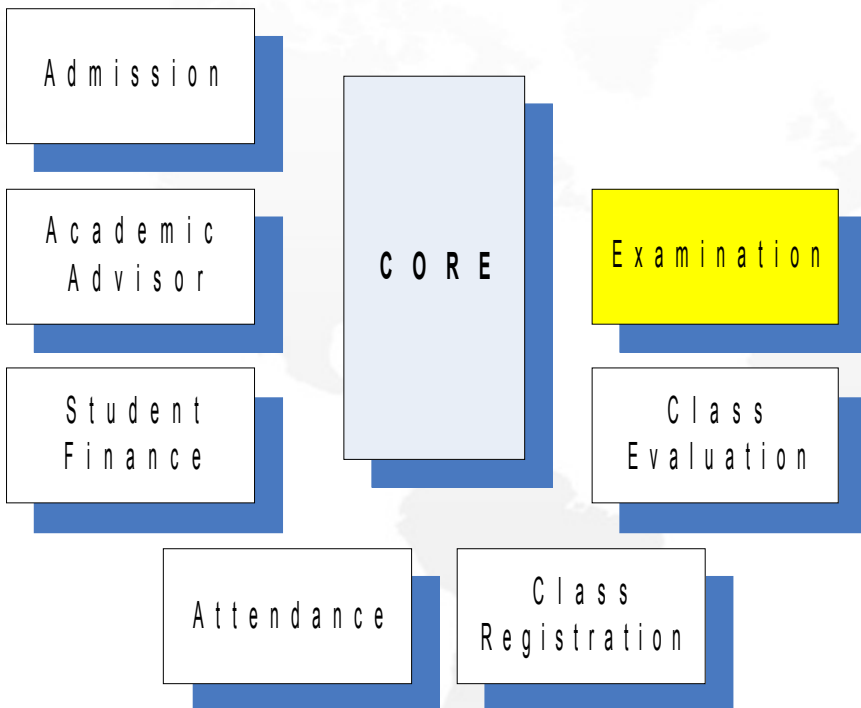
- Mata kuliah yang ditawarkan hanya yang sesuai mata kuliah prasyarat.
- Dibatasi sesuai maksimum SKS mahasiswa yang telah ditentukan,

Integration



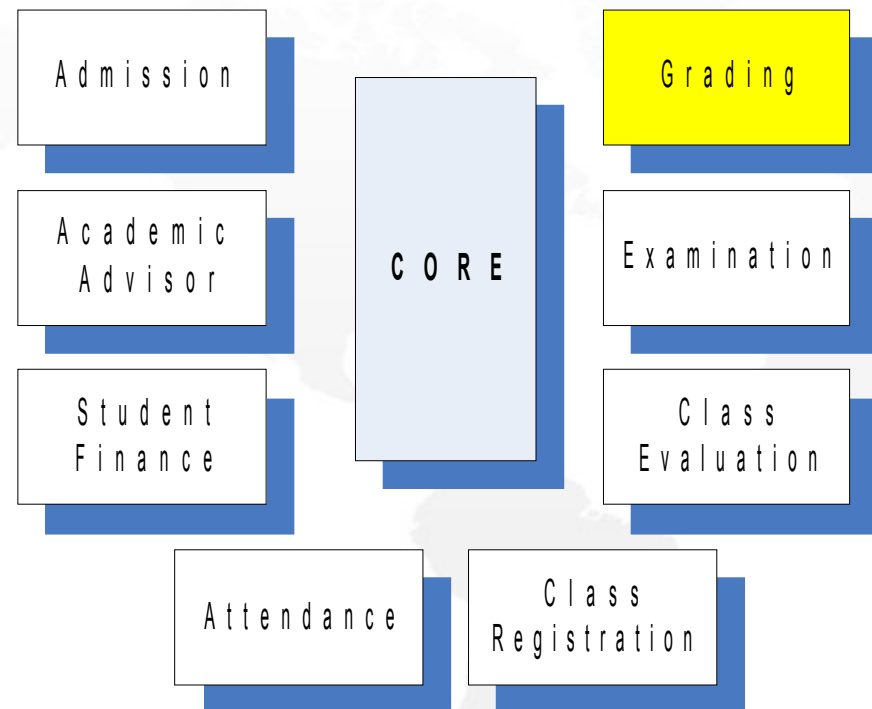
- Tidak bisa ikut ujian jika belum isi Evaluasi

Integration



- Jadwal ujian
- Absensi peserta dan pengawas ujian
- Kartu ujian

Integration



- Mempercepat proses isi nilai
- Menghemat waktu
- Dosen bisa input nilai kapan saja (bisa dalam format Excel) selama durasi pengisian



Integration

Graduation

Admission

Academic
Advisor

Student
Finance

C O R E

Grading

Examination

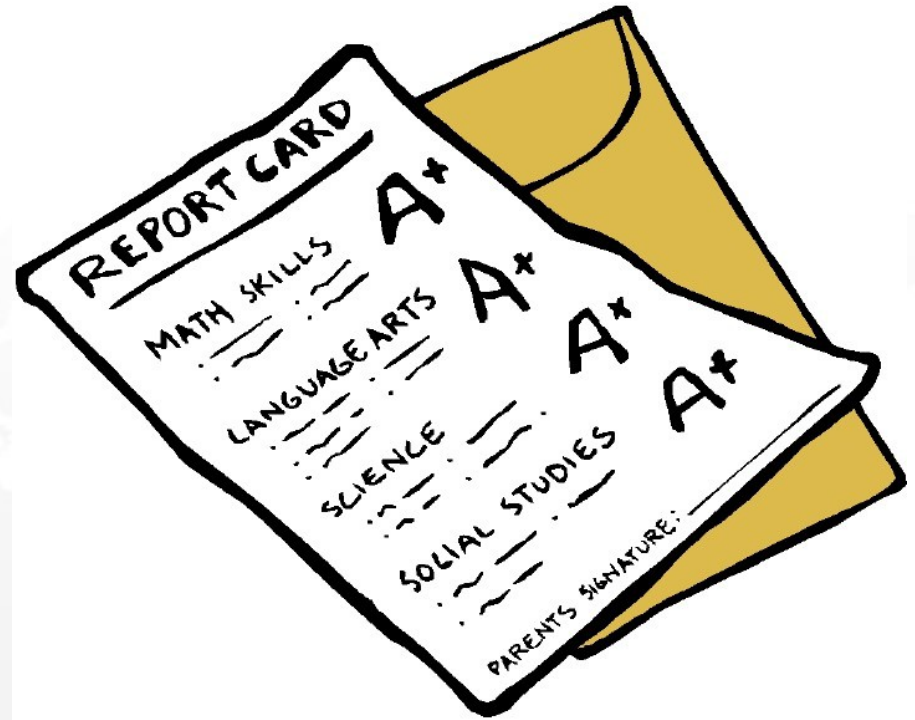
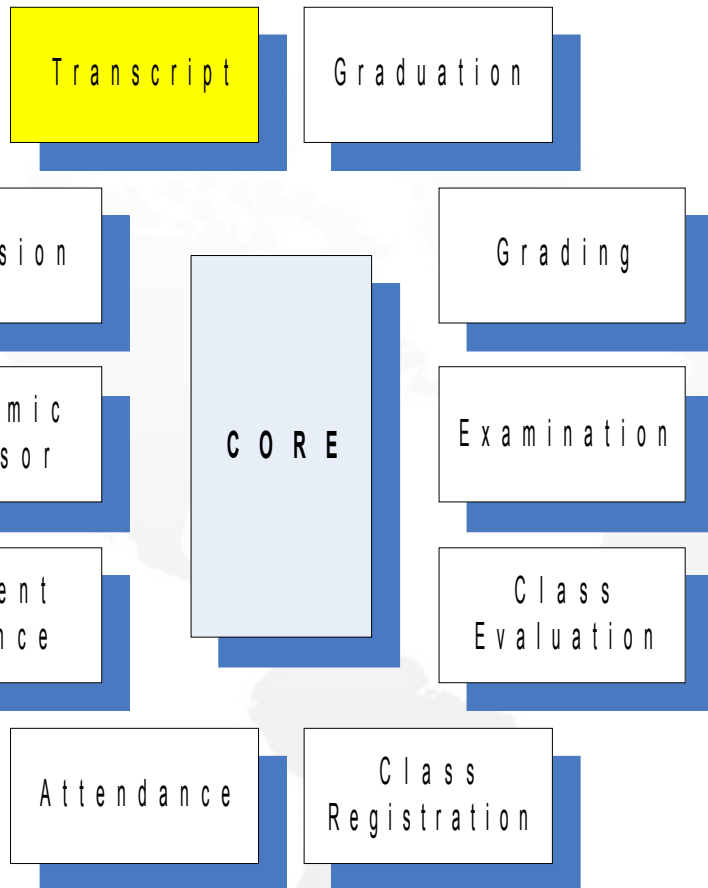
Class
Evaluation

Attendance

Class
Registration

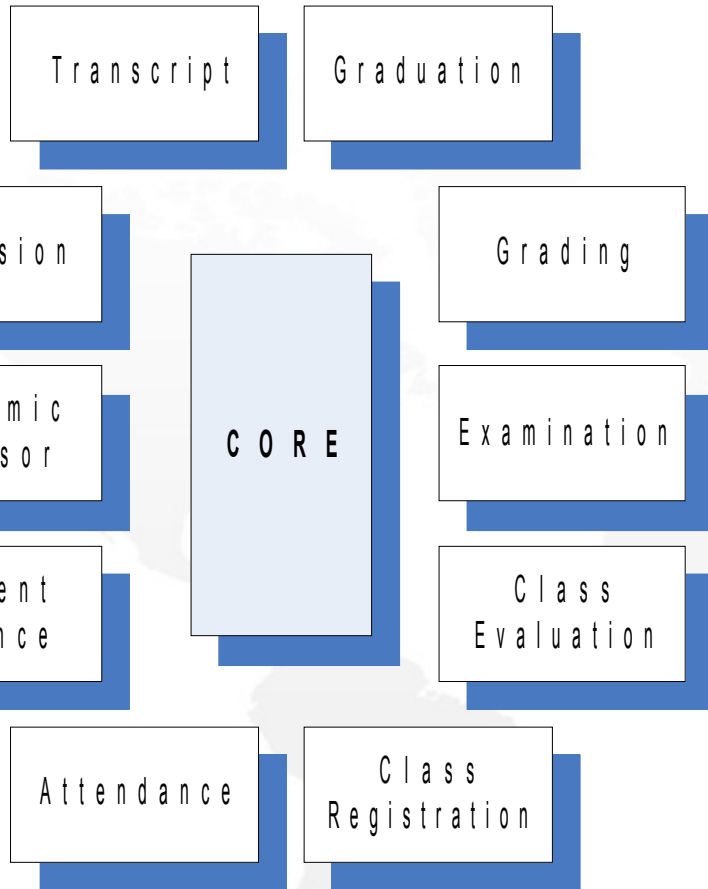


Integration



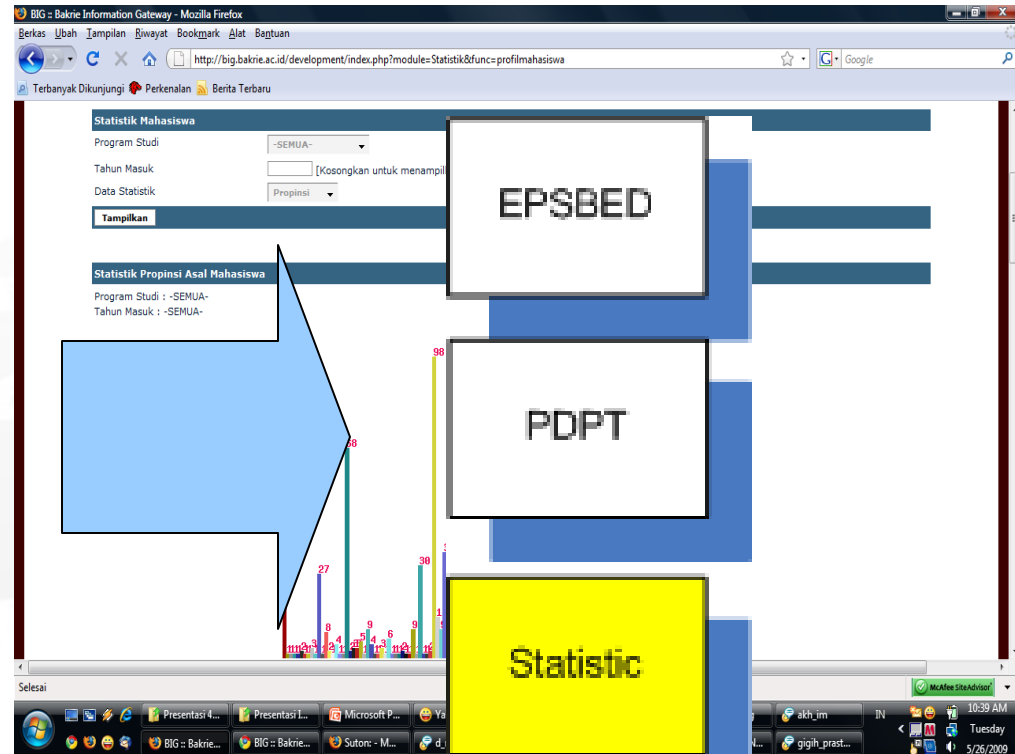
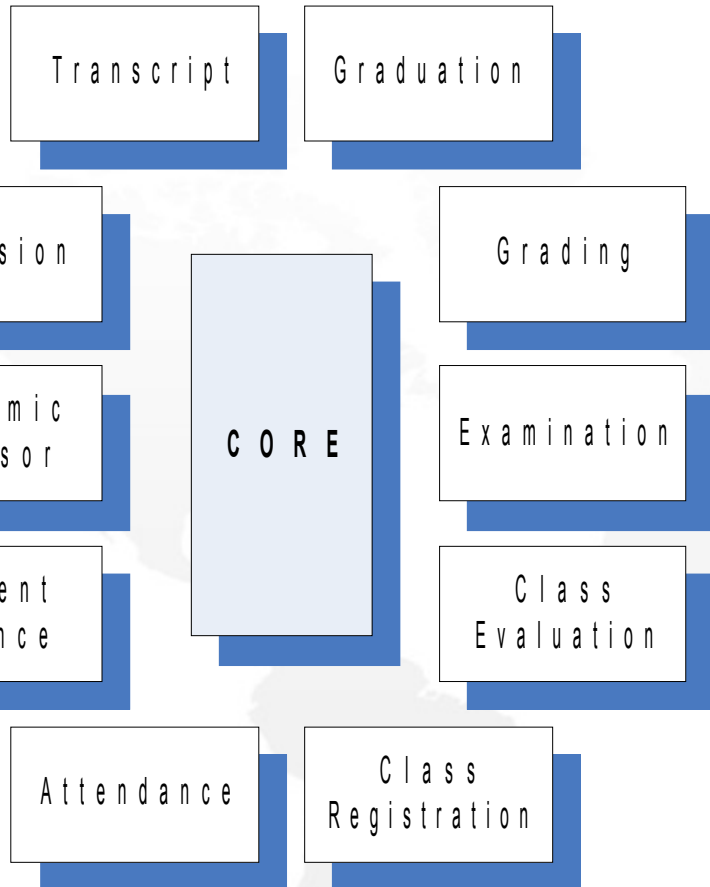
- Terintegrasi dengan kelas yang telah diambil mahasiswa, dengan aturan tertentu jika ada kelas diulang.

Output



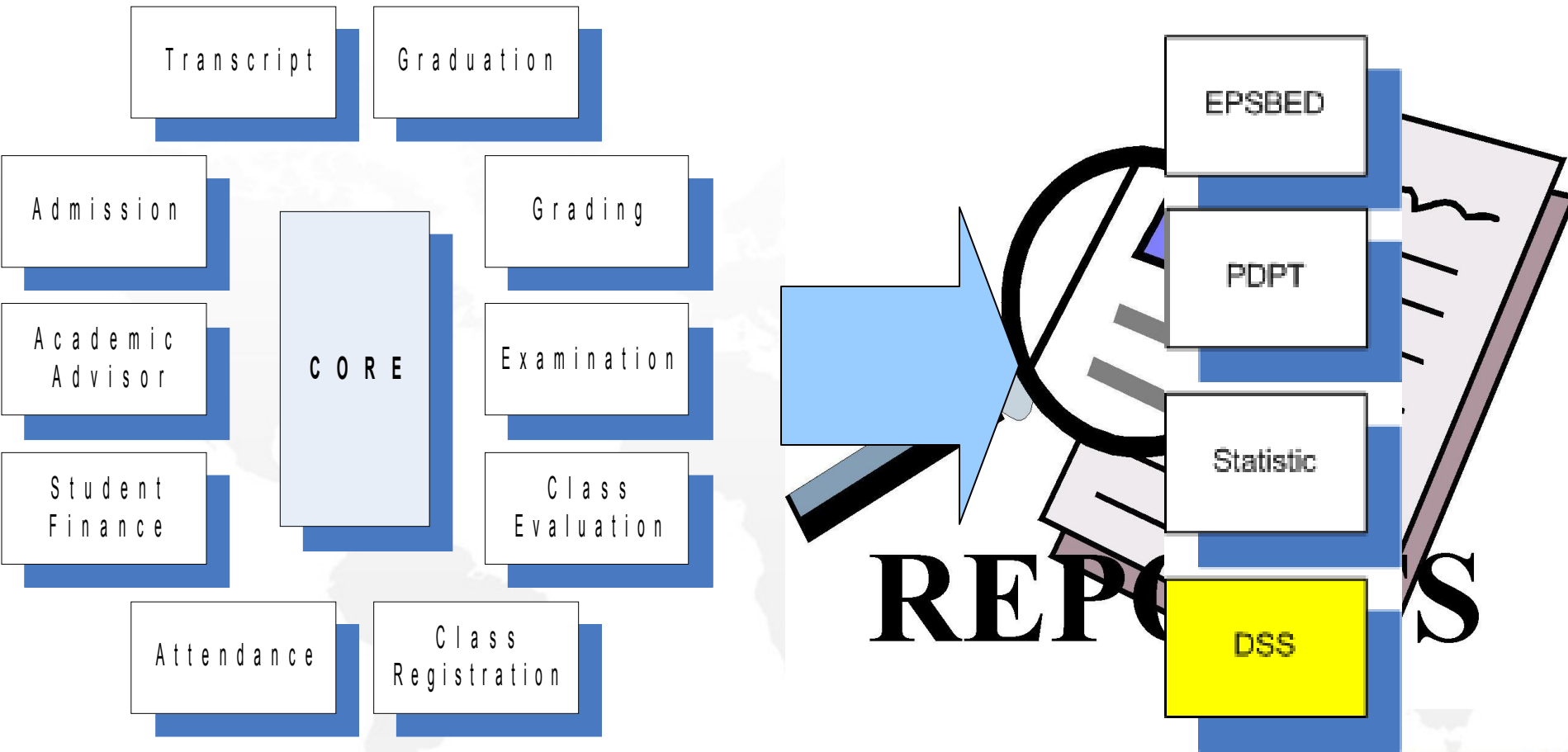
- Menggenerate data mahasiswa, dosen, nilai, dsb dalam hitungan menit dalam standard format laporan 034.

Output

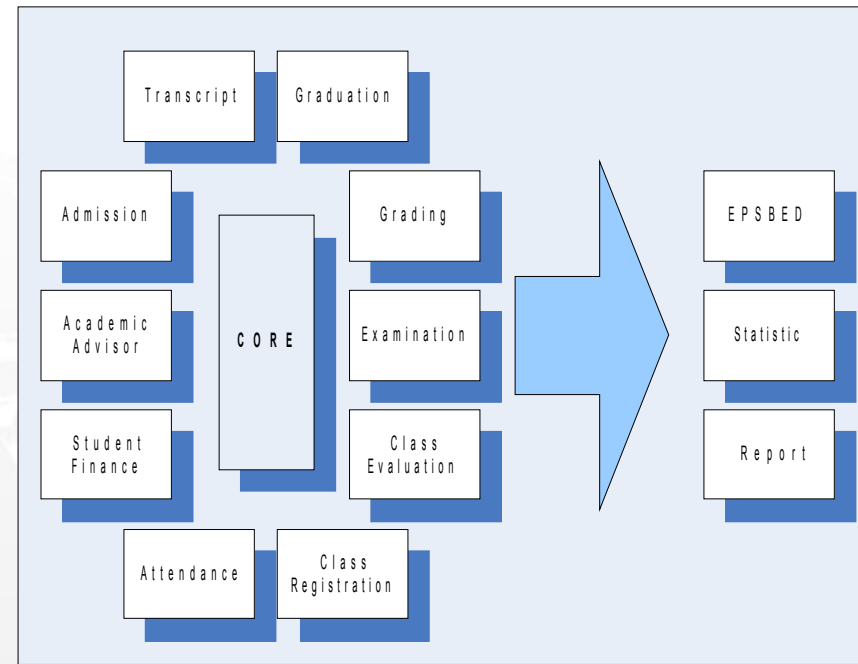
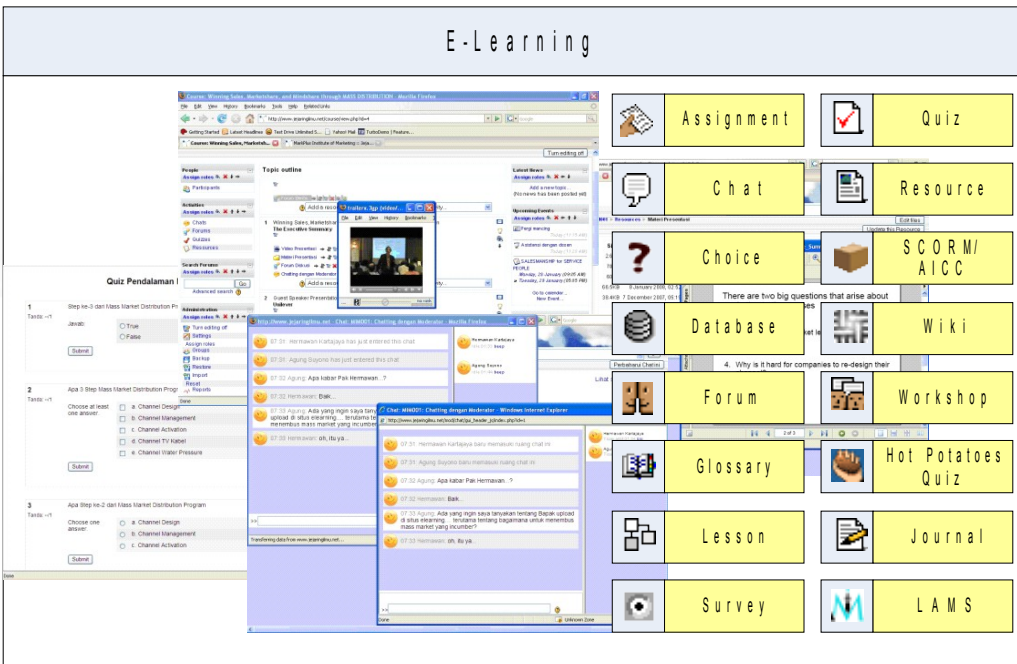


- Statistik PMB
- Statistik kelas perkuliahan

Output



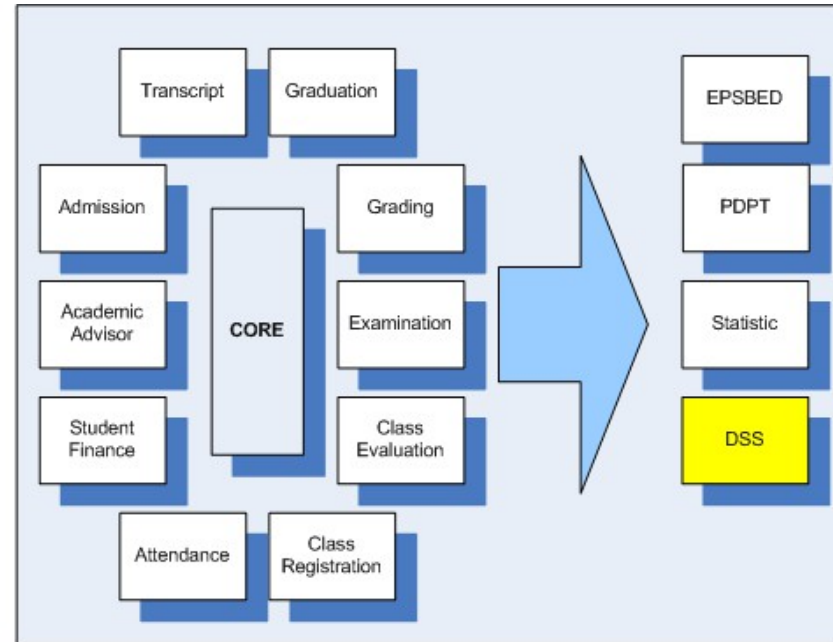
E-Learning Integration



- Semester, Prodi, Program, Thn Ajaran
- Sesi perkuliahan

E-Learning

A screenshot of an LMS interface showing a grid of tool icons. The tools include: Assignment, Quiz, Chat, Resource, Choice, SCORM/AICC, Database, Wiki, Forum, Workshop, Glossary, Hot Potatoes Quiz, Lesson, Journal, Survey, and LAMS. The background shows a blurred view of the LMS dashboard with various course content and navigation elements.



Academic Activity



Campus Management

Library

Academic
Activity

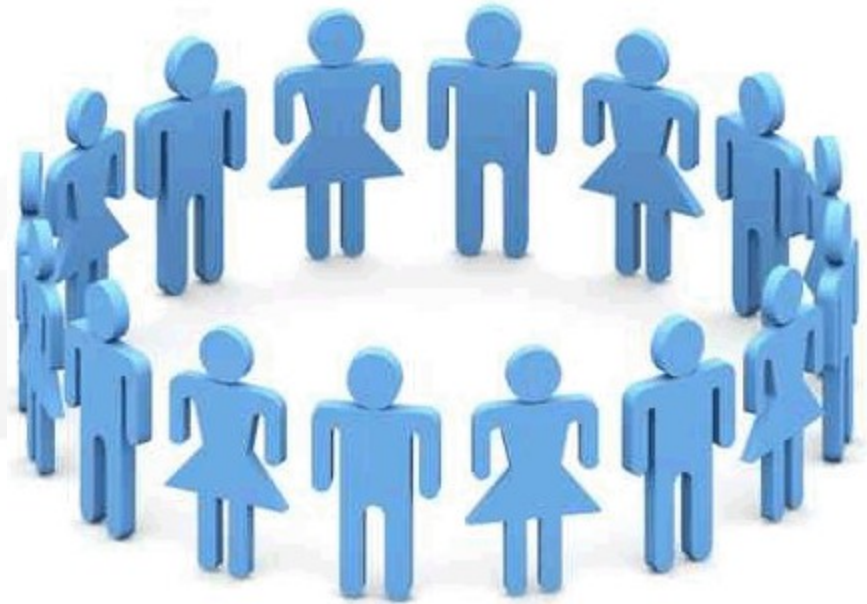


Campus Management

Library

Academic
Activity

Human
Resources



Campus Management

Library

Academic
Activity

Human
Resources

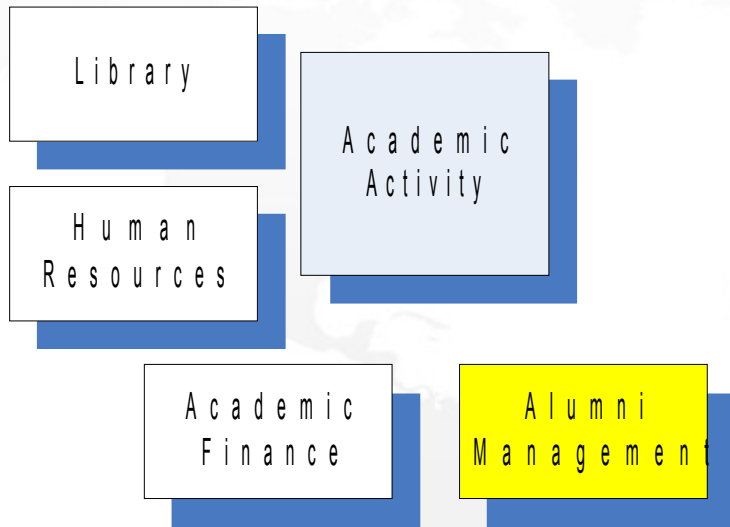
Academic
Finance



- Pengelolaan Penerimaan dan Pengeluaran
- Laporan Keuangan
- Posting Transaksi

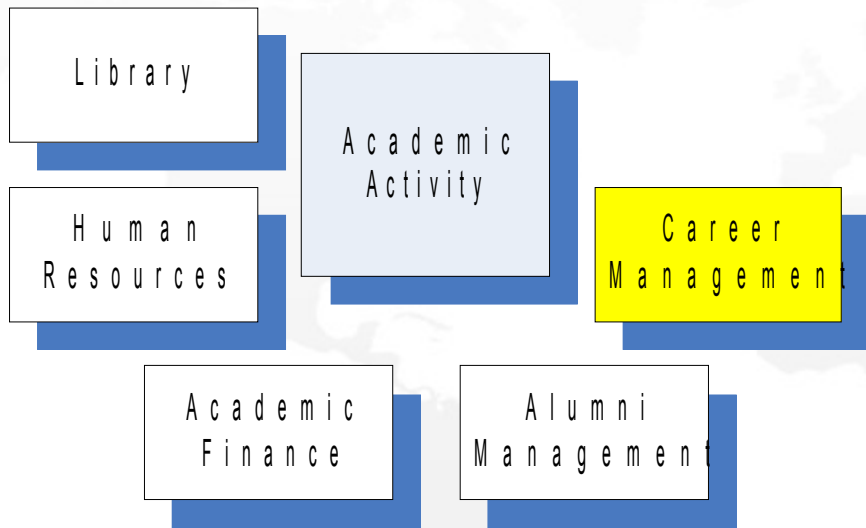


Campus Management

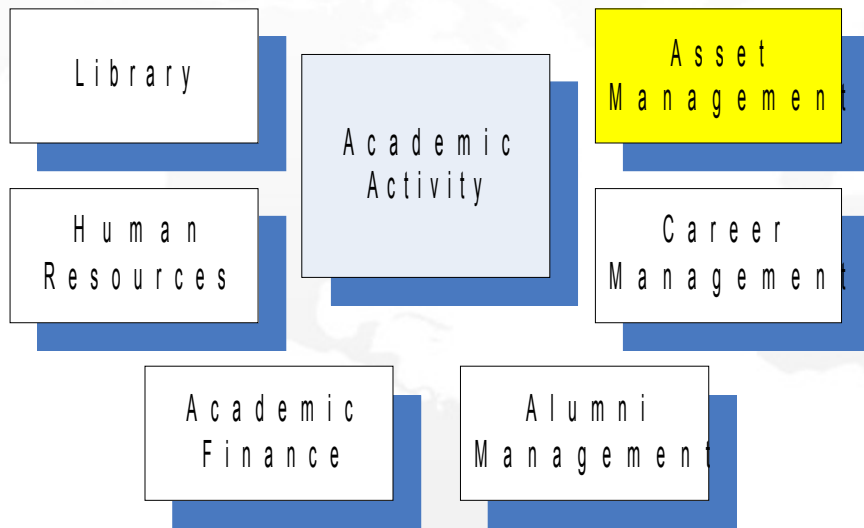


- Mahasiswa lulus otomatis menjadi alumni

Campus Management

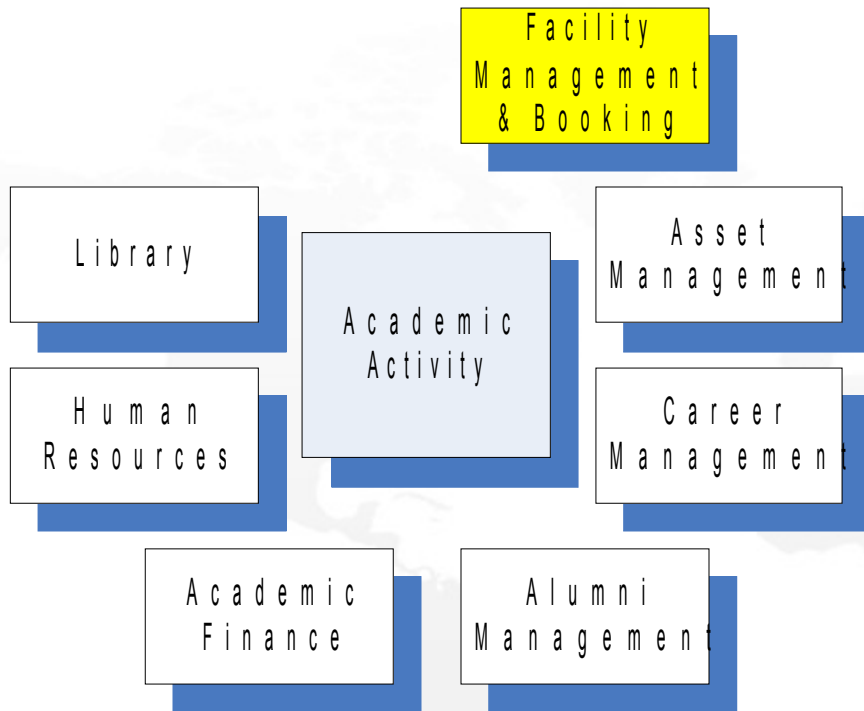


Campus Management



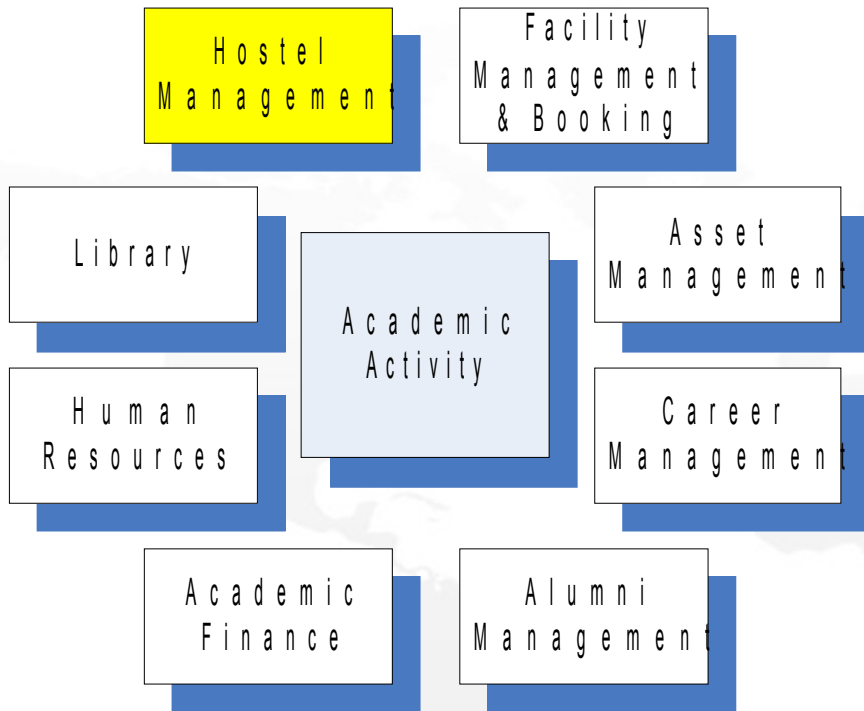
- Pengelolaan Aset

Campus Management

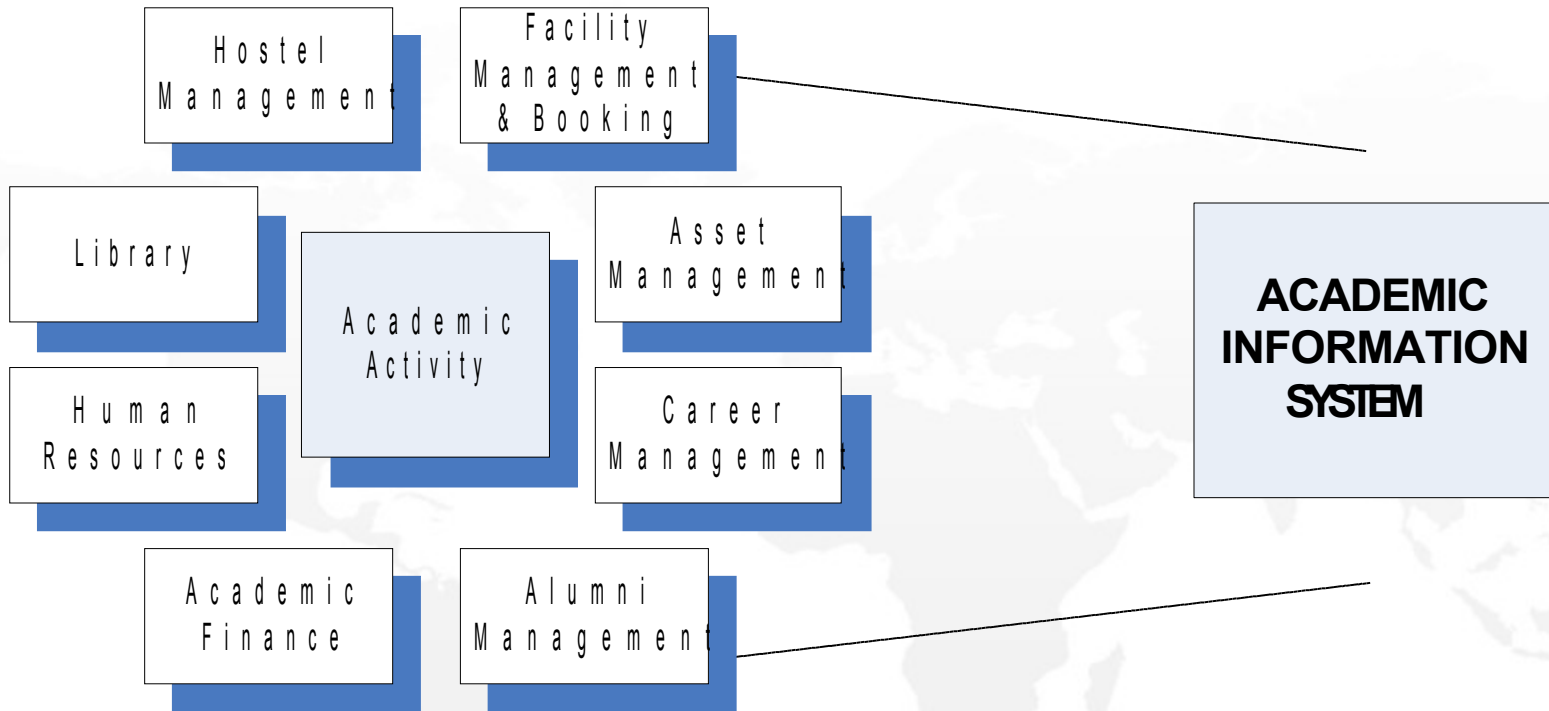


- Pengelolaan fasilitas kampus

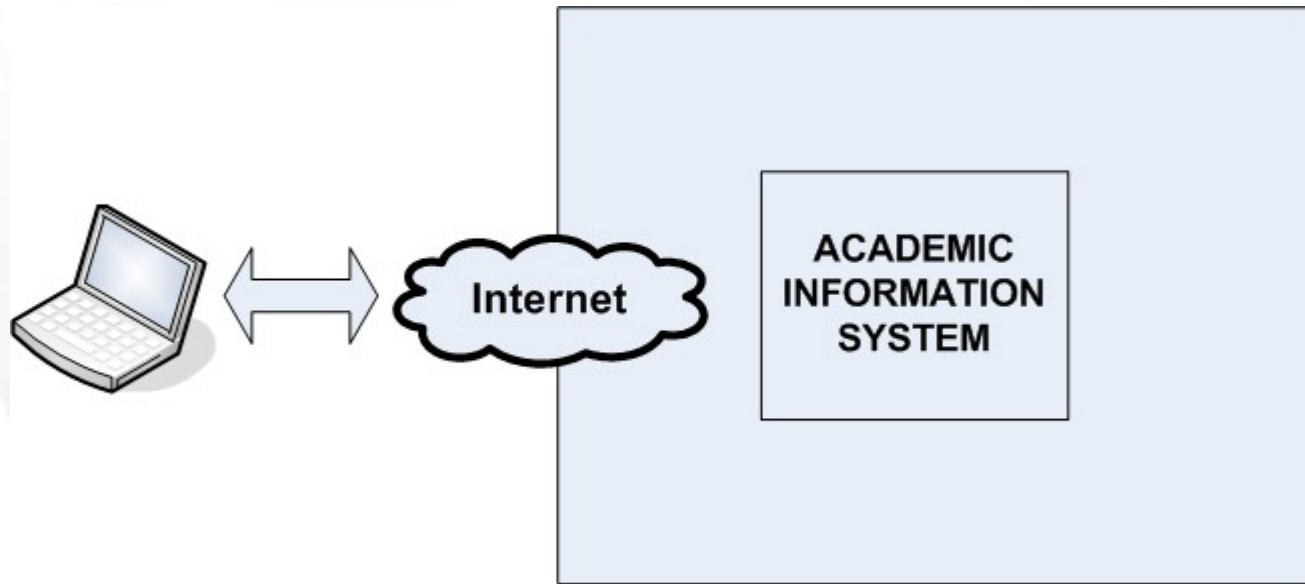
Campus Management



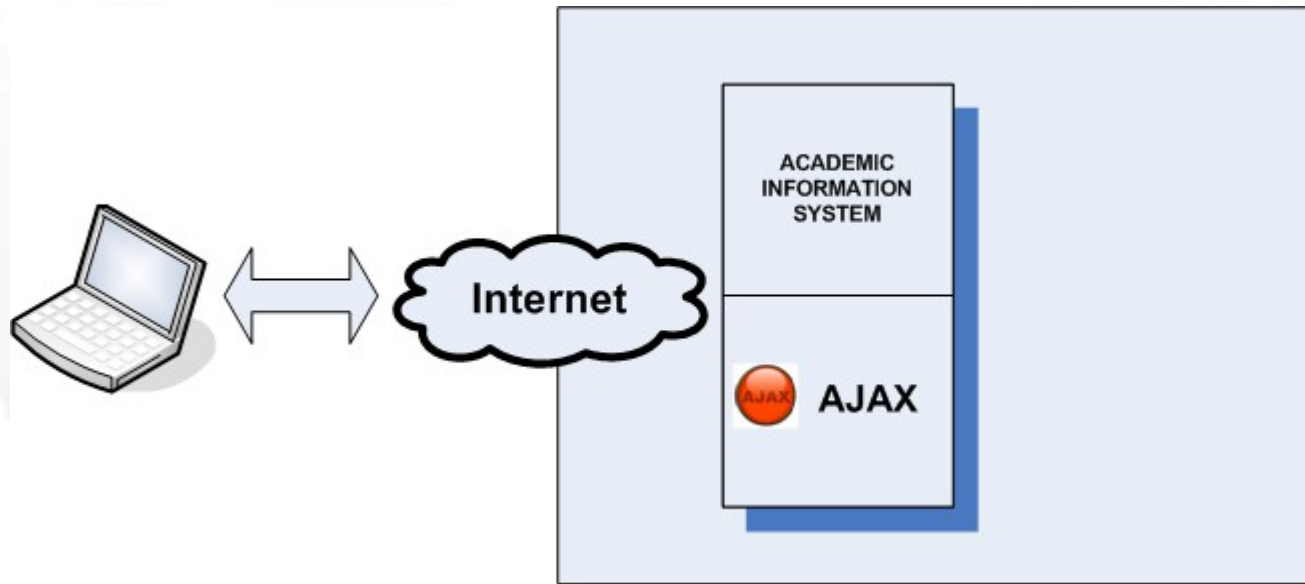
Academic Information System



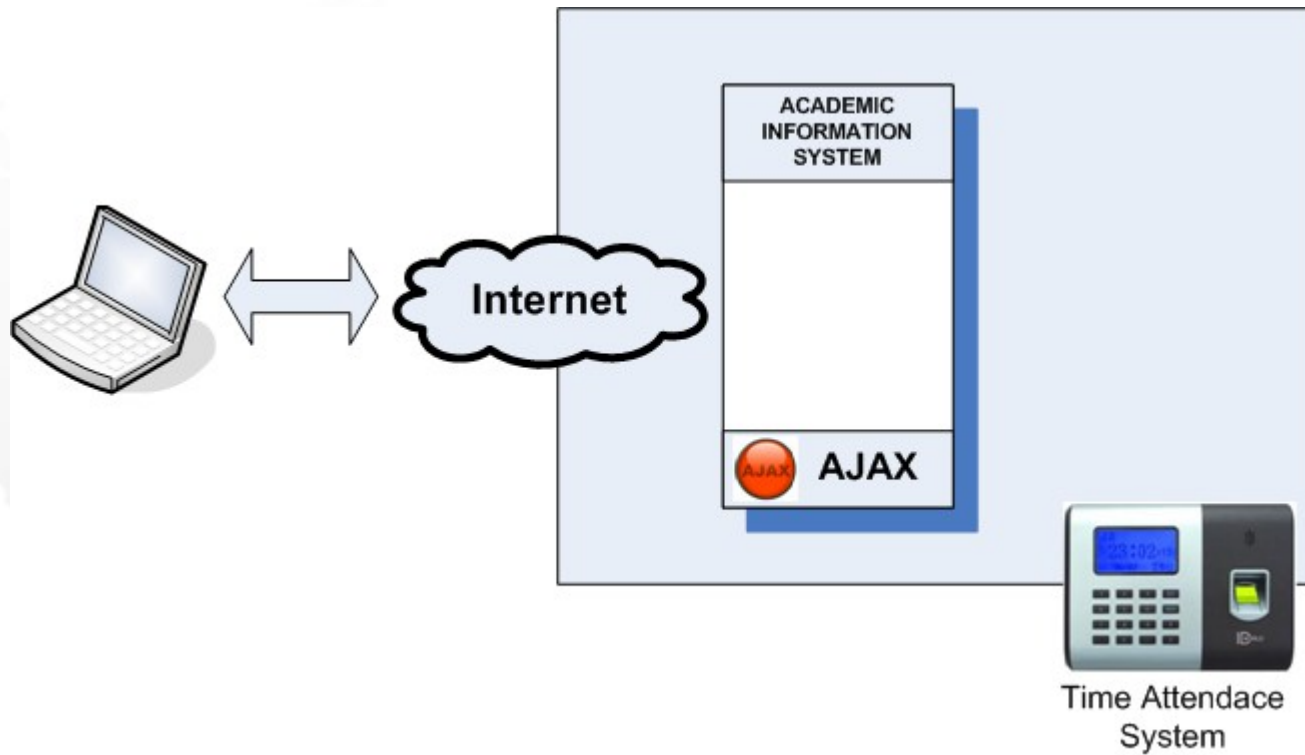
Academic Information System



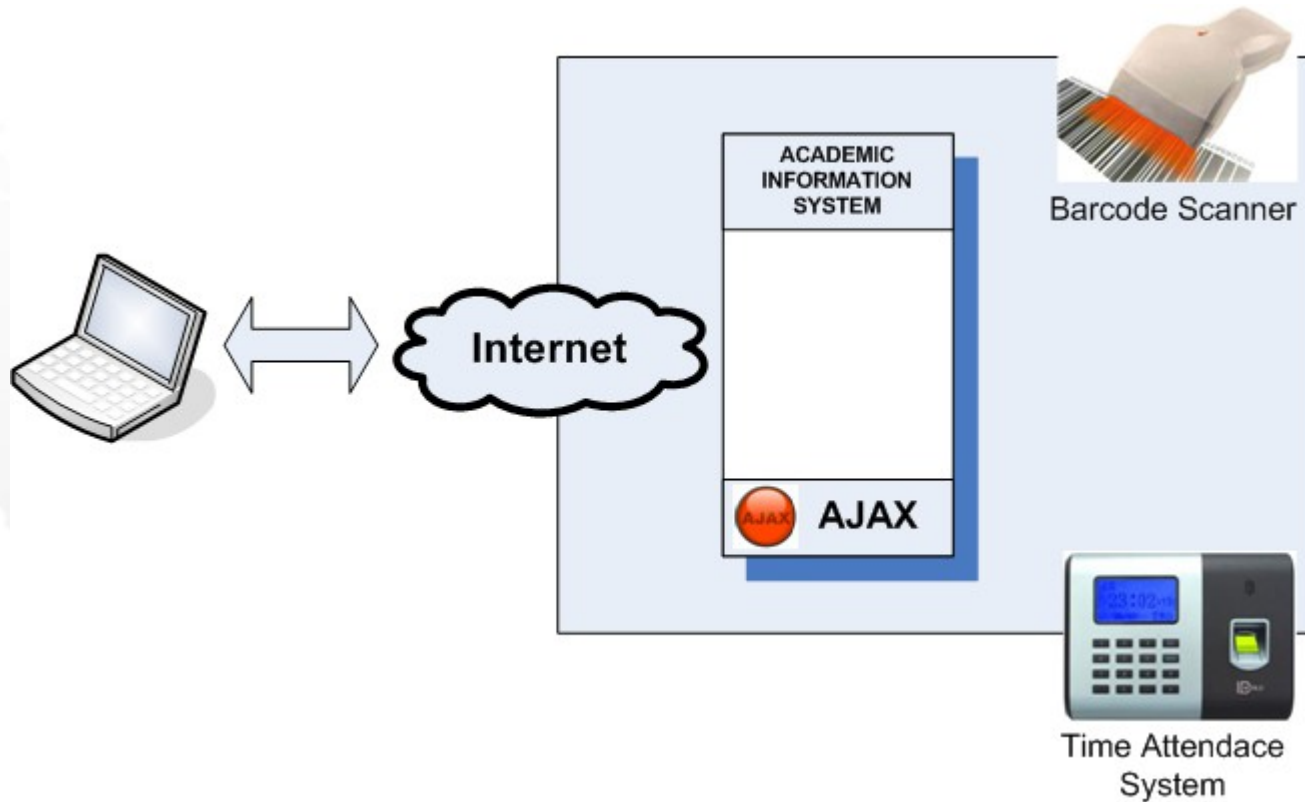
Academic Information System



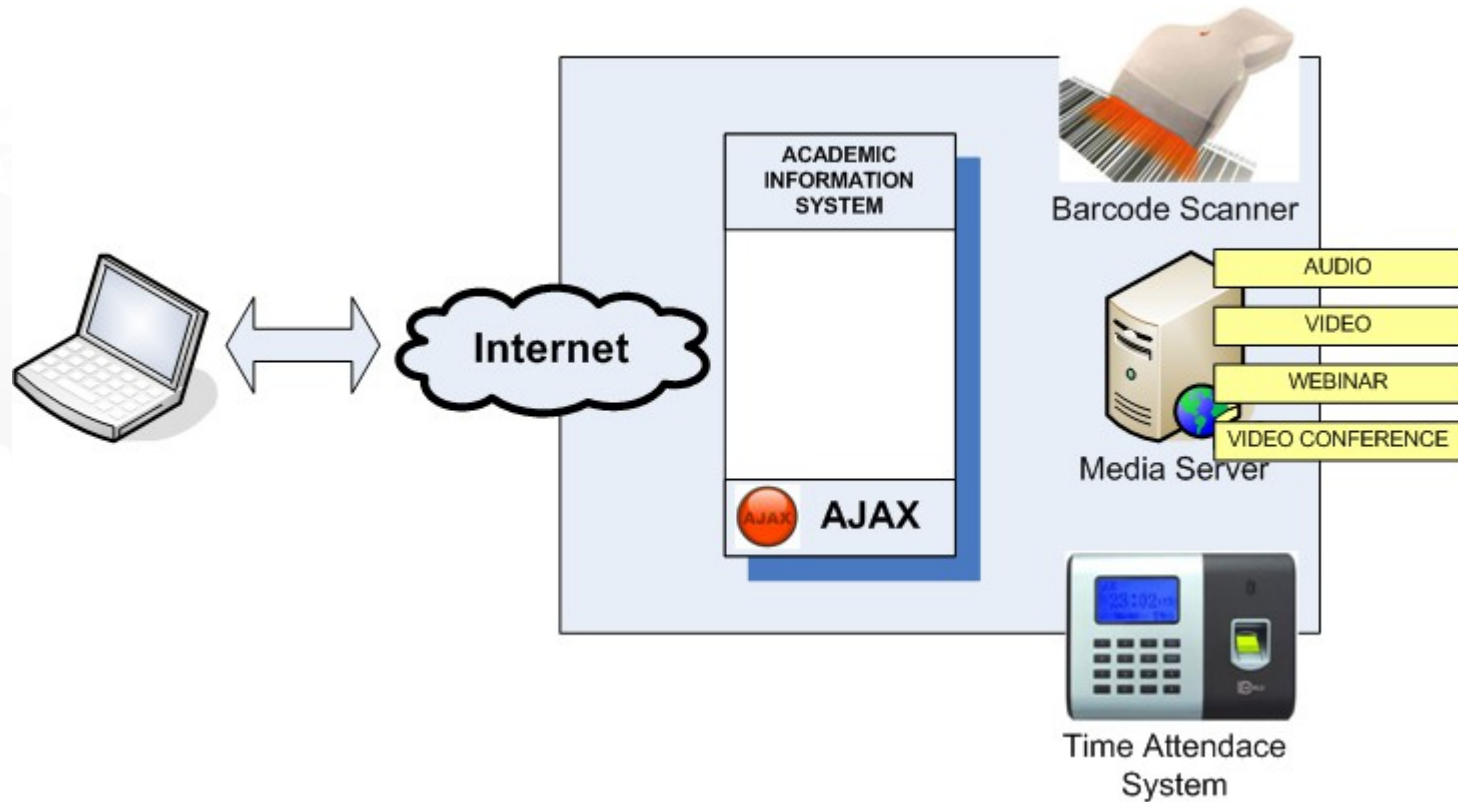
Academic Information System



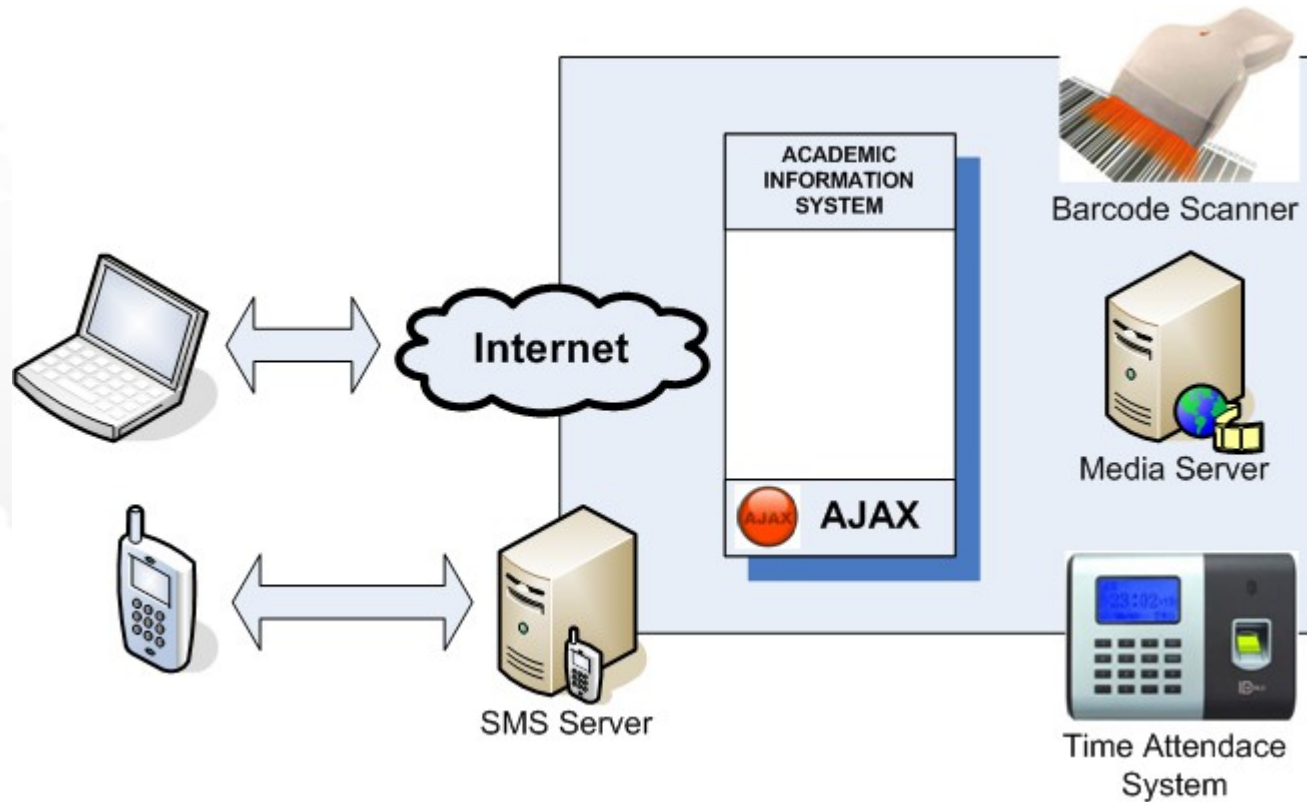
Academic Information System



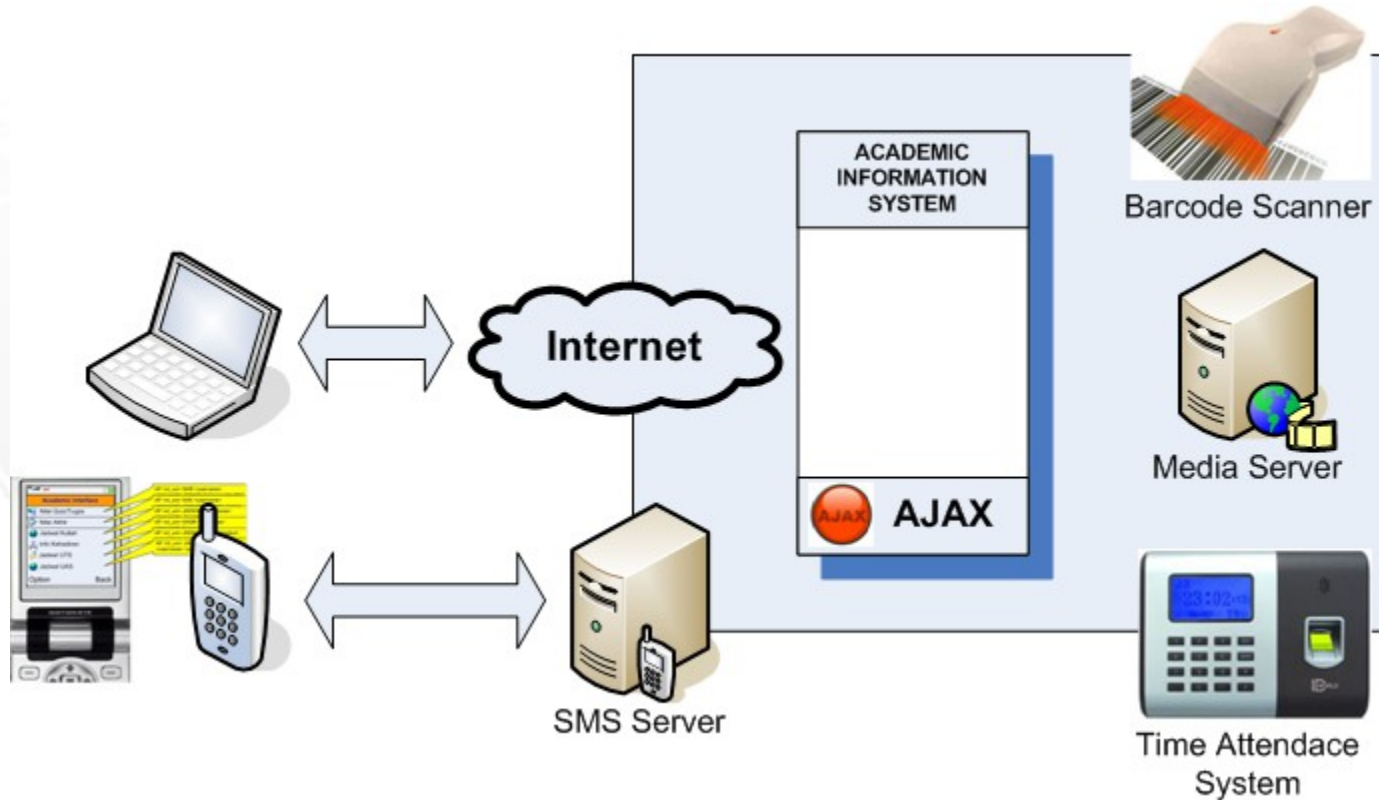
Academic Information System



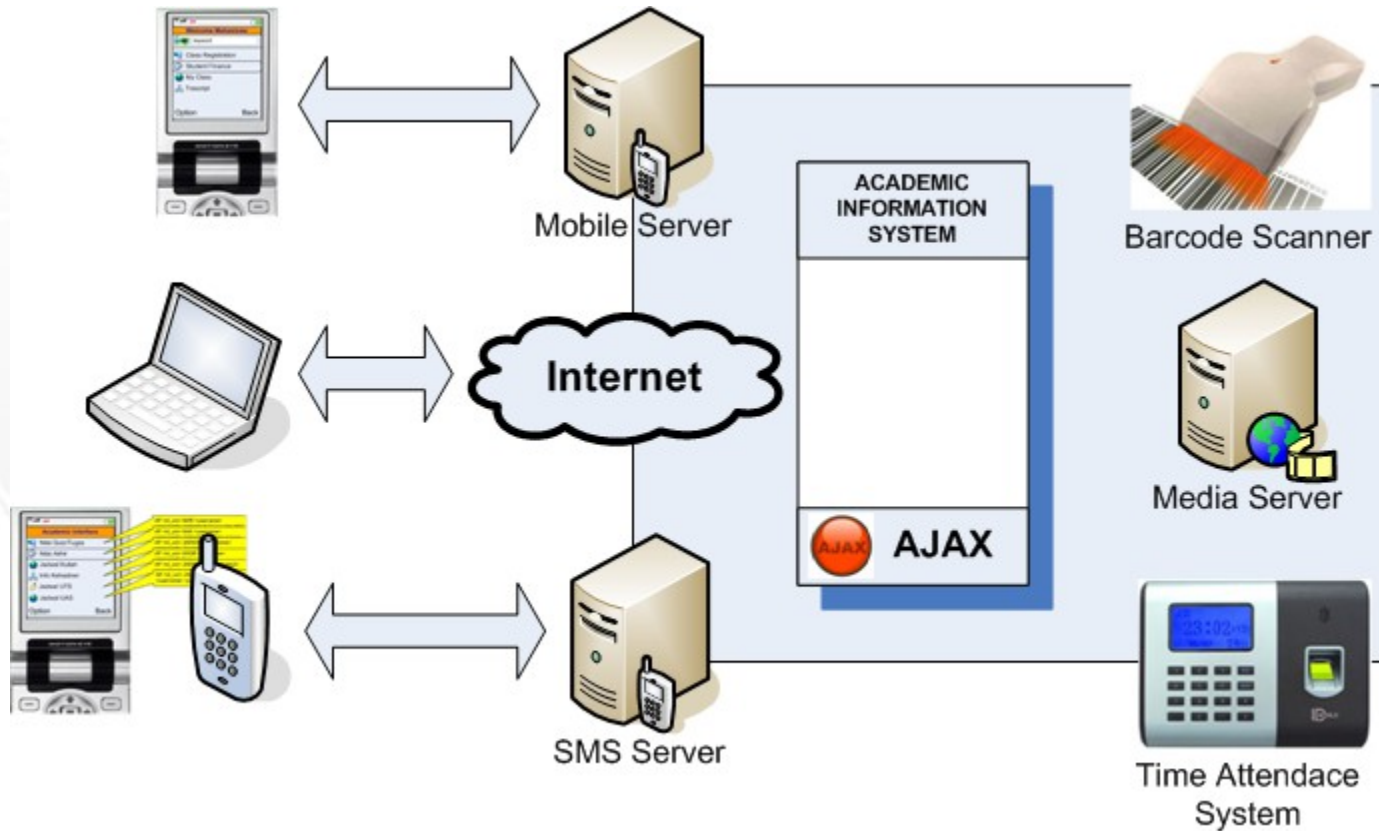
Academic Information System



Academic Information System



Academic Information System



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SEKIAN DAN TERIMA KASIH

