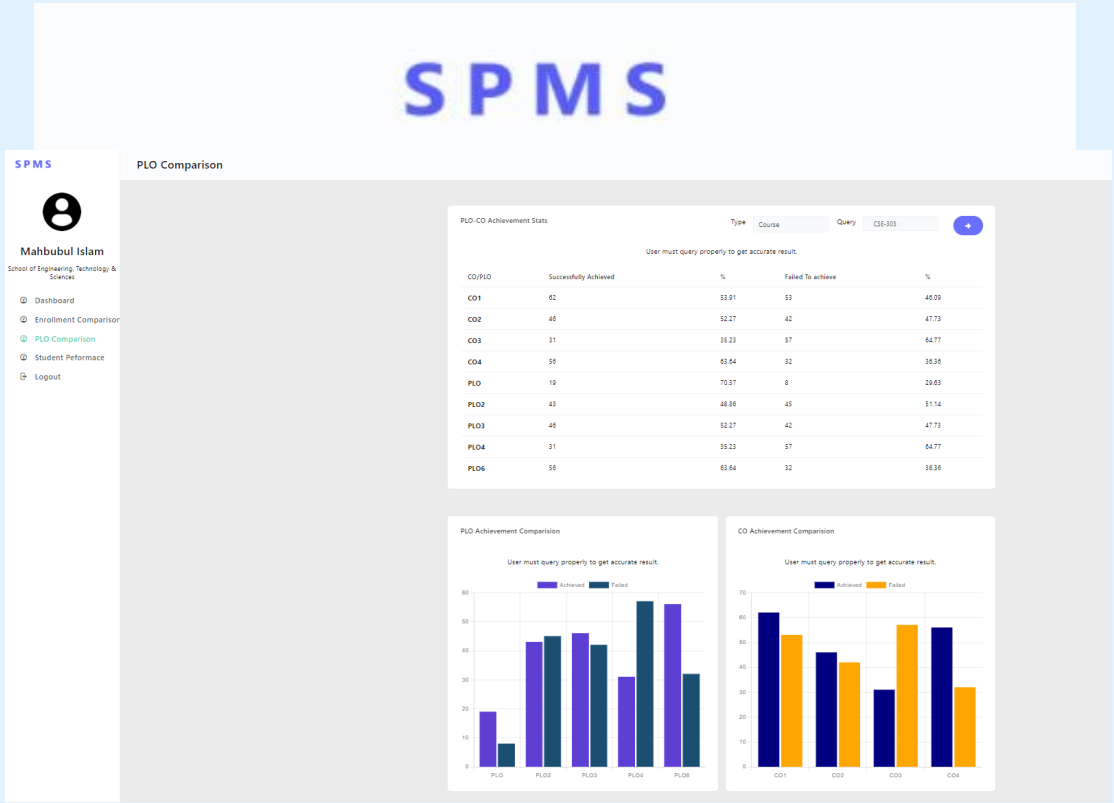
SPMS Presentation



- **CSE303: Database Management System**

- **Instructors:**
- **Ms. Sadita Ahmed**
- **Md. Abu Sayed**

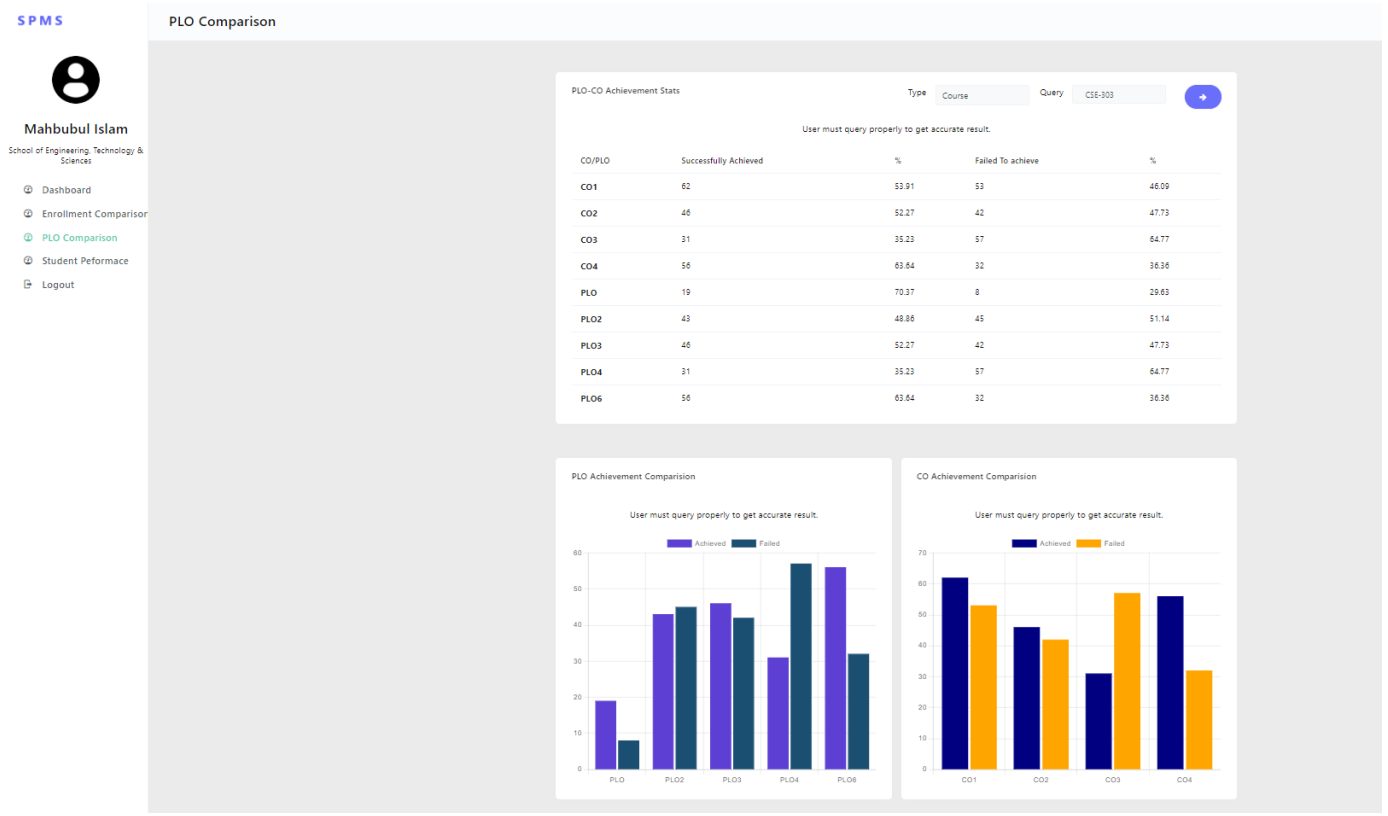
ID	NAME
1830221	Md.Abubakkar Siddik
1921662	Adnan Rahman Sharon
1831110	Md.Ashikur Rahman
1831003	Saif Islam Anik
1921430	Shahadatul Islam

Group 7

coder buddis

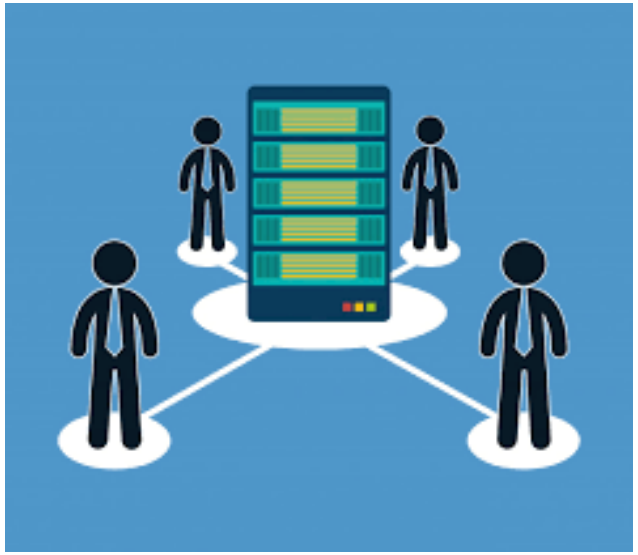
Scope of the project

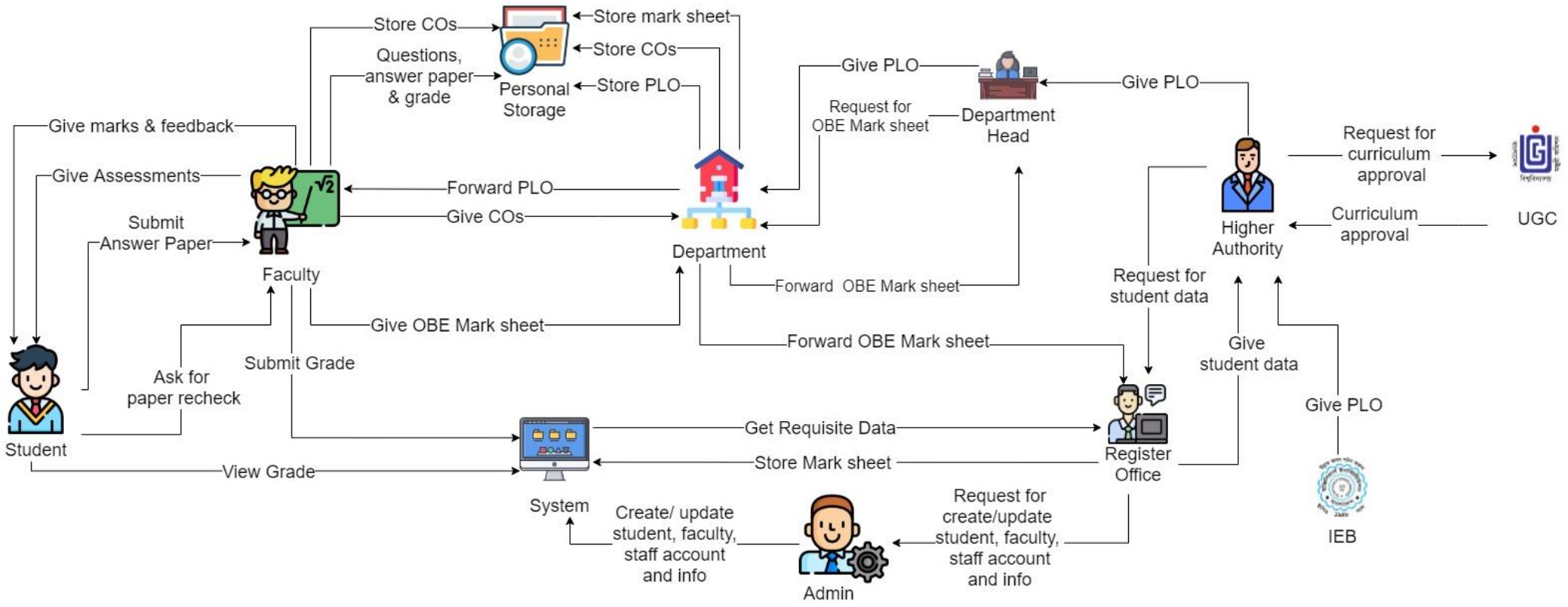
More effective system
CO and PLO performed
Generate reports
Highly inefficient
Can use any university



Existing System

Rich Picture



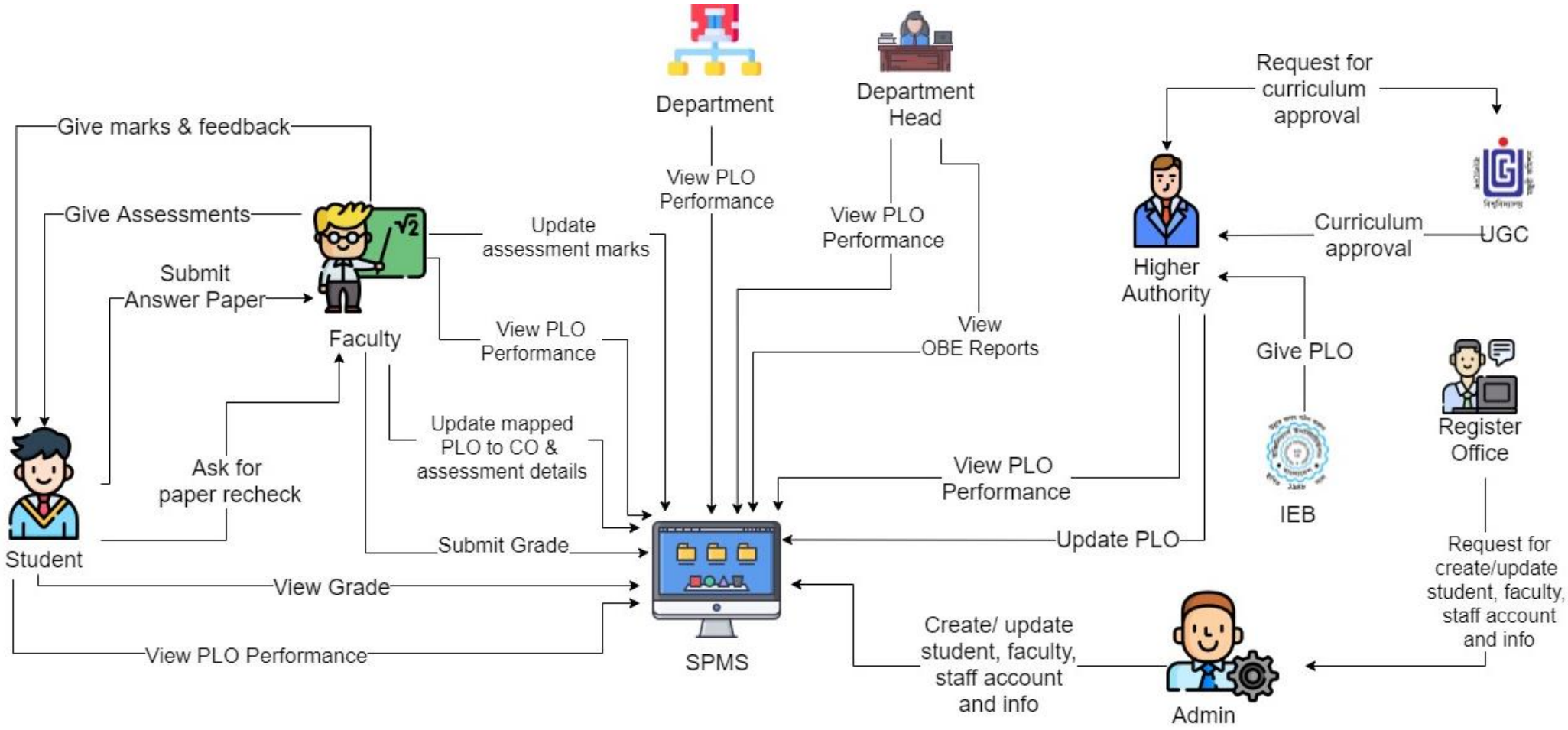

Store COs
Store mark sheet
Store COs
Questions, answer paper & grade
Personal Storage
Store PLO
Give PLO
Give PLO
Request for OBE Mark sheet
Department Head
Give marks & feedback
Give Assessments
Forward PLO
Give COs
Request for curriculum approval
UGC
Curriculum approval
Higher Authority
Submit Answer Paper
Faculty
Department
Forward OBE Mark sheet
Request for student data
Give OBE Mark sheet
Forward OBE Mark sheet
Give student data
Give PLO
Ask for paper recheck
Submit Grade
Student
Get Requisite Data
Store Mark sheet
Register Office
View Grade
System
Create/ update student, faculty, staff account and info
Admin
Request for create/update student, faculty, staff account and info
IEB

Problem?

- Manual CO,PLO mapping
- Cannot monitor student performance
- Question bank are manually stored

Rich Picture

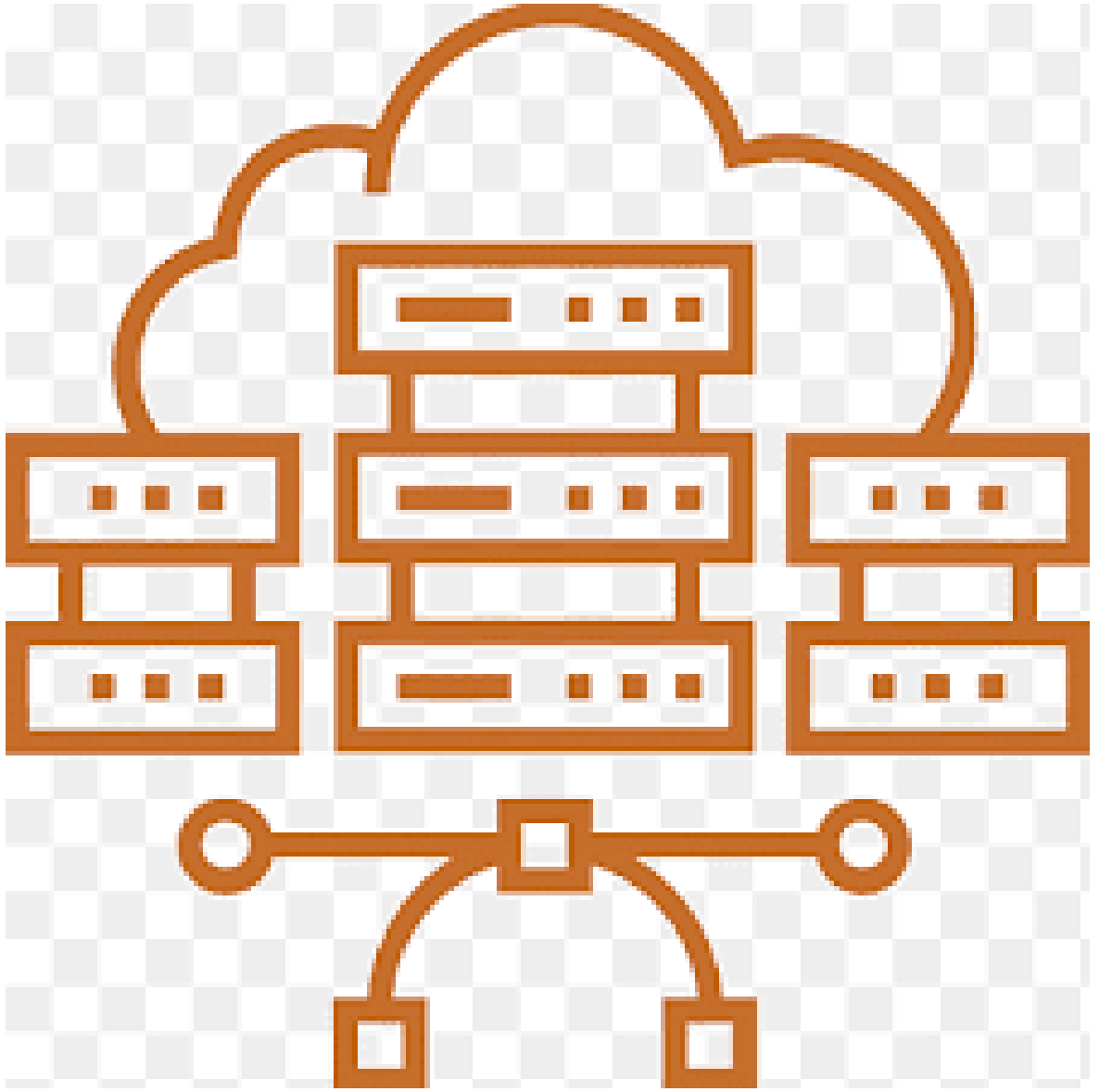
Proposed System

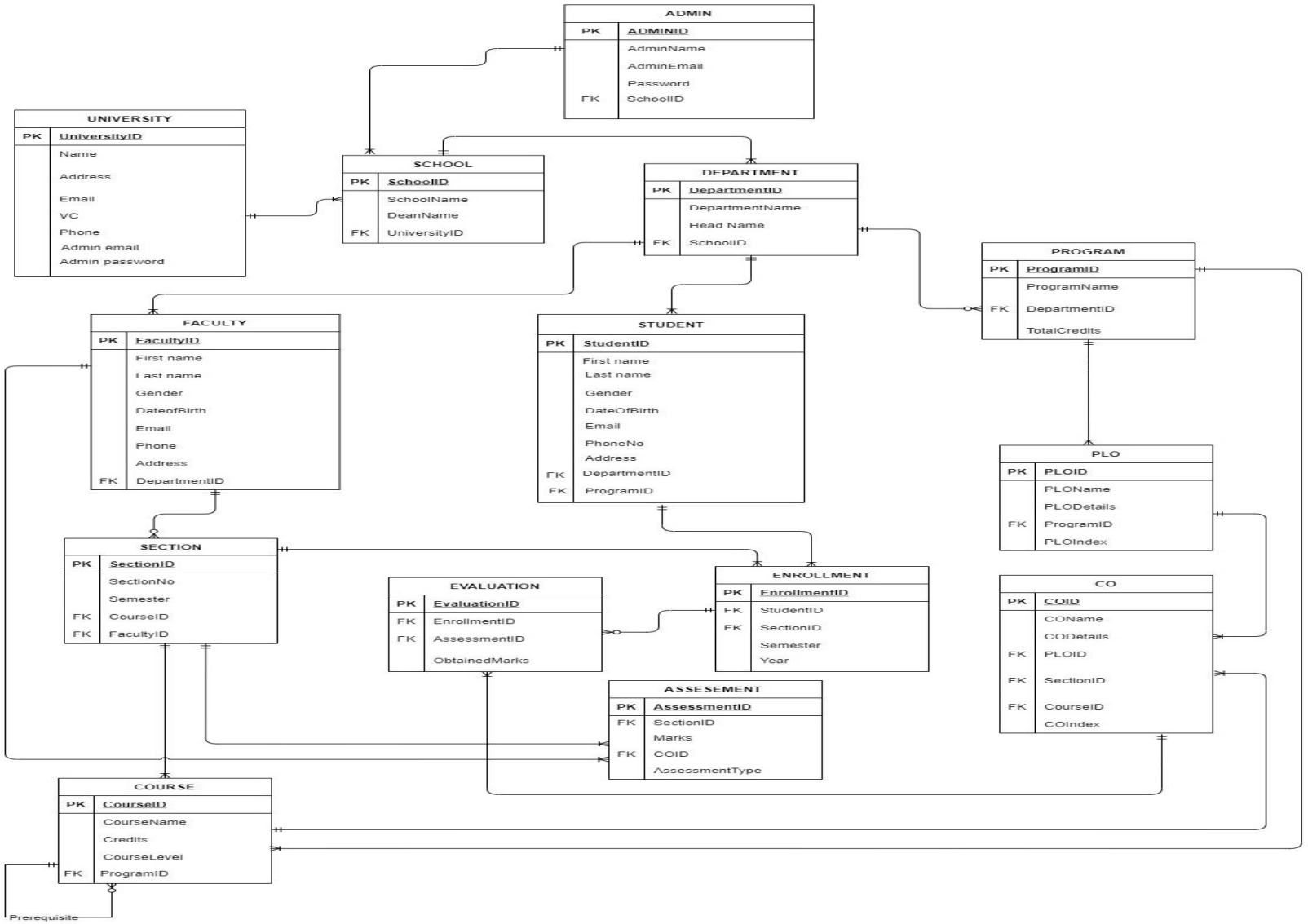

Department
Department Head
Request for curriculum approval
Give marks & feedback
View PLO Performance
View PLO Performance
Give Assessments
Update assessment marks
Curriculum approval
UGC
Submit Answer Paper
Higher Authority
Faculty
View PLO Performance
View OBE Reports
Give PLO
Update mapped PLO to CO & assessment details
Register Office
Ask for paper recheck
View PLO Performance
IEB
Student
Submit Grade
Update PLO
Request for create/update student, faculty, staff account and info
View Grade
SPMS
Create/ update student, faculty, staff account and info
View PLO Performance
Admin

Process

- Monitor student performance
- Automatic PLO,CO mapping
- Other university can log in

ERD DIAGRAM

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AdminName
AdminEmail
Password
FK SchoolID
UNIVERSITY
PK UniversityID
Name
Address
Email
VC
Phone
Admin email
Admin password
SCHOOL
PK SchoolID
SchoolName
DeanName
FK UniversityID
DEPARTMENT
PK DepartmentID
DepartmentName
Head Name
FK SchoolID
PROGRAM
PK ProgramID
ProgramName
FK DepartmentID
TotalCredits
FACULTY
PK FacultyID
First name
Last name
Gender
DateofBirth
Email
Phone
Address
FK DepartmentID
STUDENT
PK StudentID
First name
Last name
Gender
DateOfBirth
Email
PhoneNo
Address
FK DepartmentID
FK ProgramID
PLO
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PLOIndex
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ENROLLMENT
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FK SectionID
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PK COID
COName
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FK SectionID
FK CourseID
COIndex
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FK SectionID
Marks
FK COID
AssessmentType
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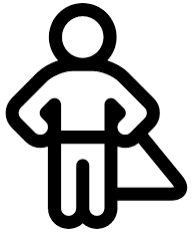
PK CourseID
CourseName
Credits
CourseLevel
FK ProgramID
Prerequisite

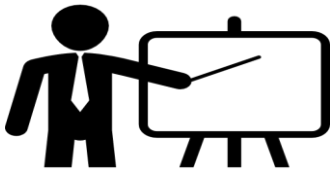
System User

Admin



Superuser

Dean



Faculty

Student

Input forms

- Create Assignment
- Add Evaluation File
- PLO of the Program
- CO of the Course

Output reports

- PLO achievement comparison.
- CO achievement comparison.
- PLO percentage comparison.
- Course wise PLO achievement.
- Department & Program wise comparison.
- Course wise performance trend.

Conclusion

- The system will automatically map initial COs with PLOs .
- The system is user friendly with less human involvement.
- Store information and analysis.
- The system can be used by other universities as well.

Cout <<“Thank you ☺ ” << endl;