



TECH_MIS

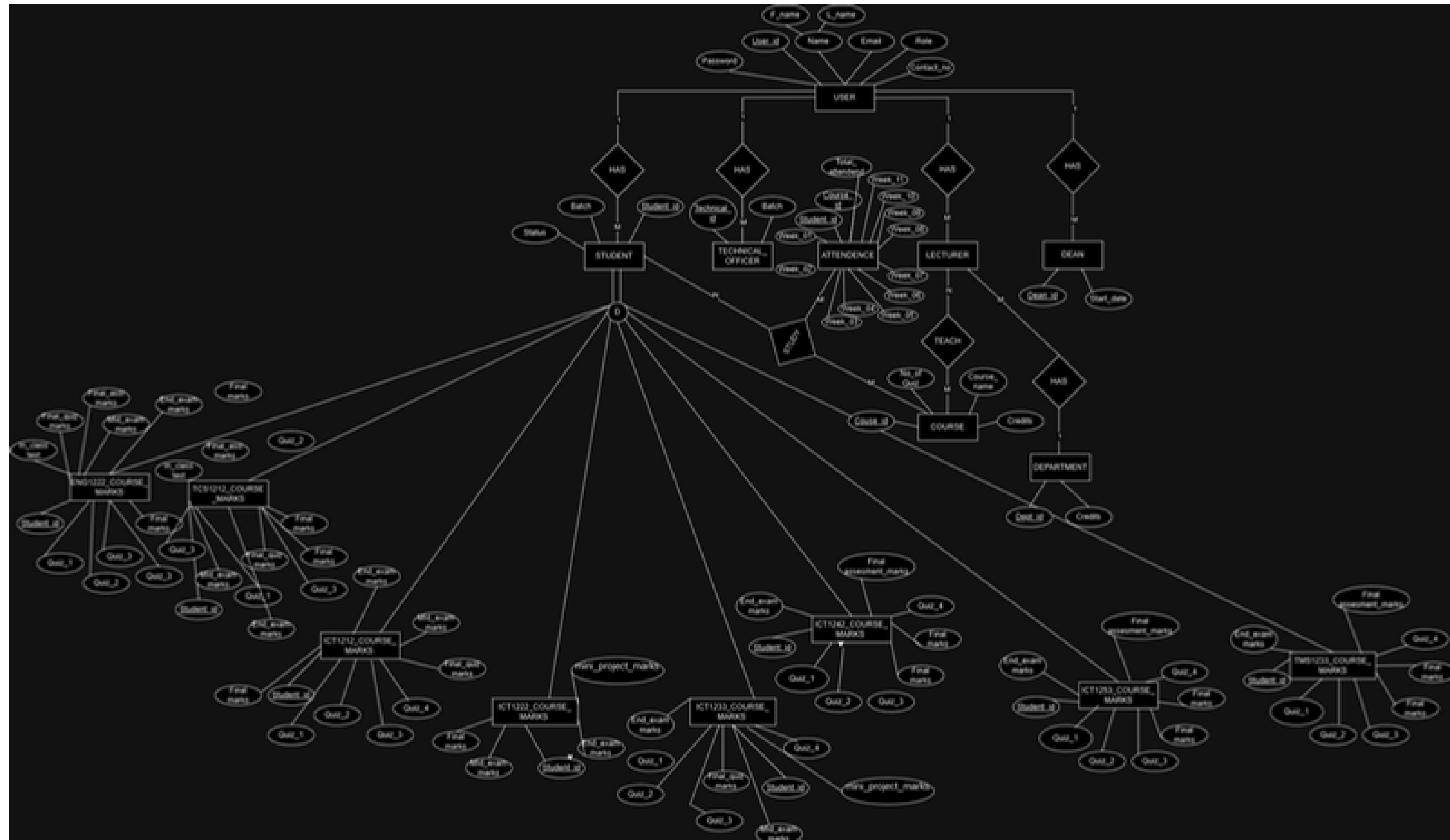
For University Management

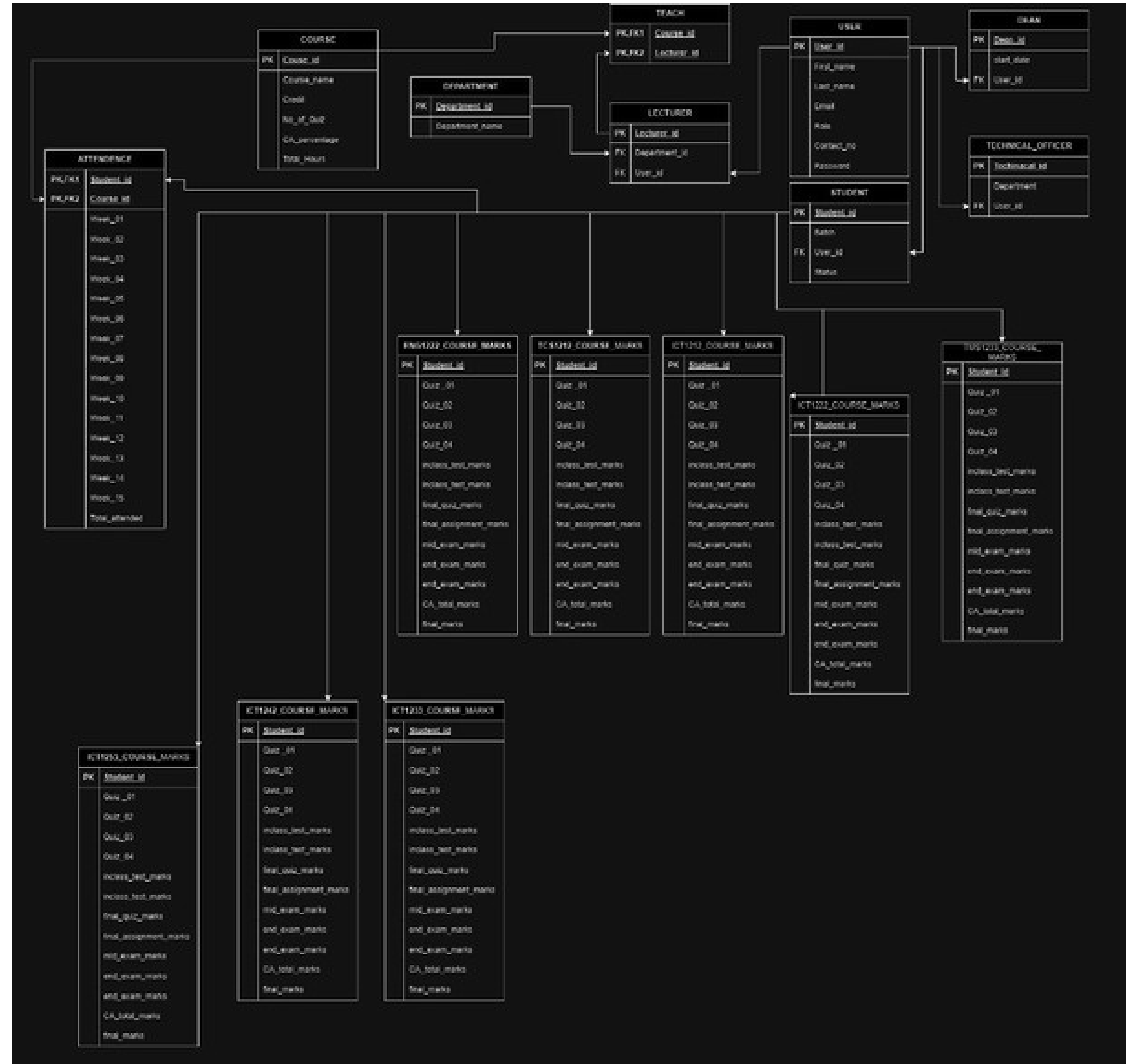


INTRODUCTION



The project involves creating a comprehensive academic management system for a technology faculty, catering to various user roles, including administration, faculty, technical officers, and students. It covers attendance management, exam mark tracking, grading, and student record maintenance, with a focus on data accuracy and accessibility. This system aims to enhance efficiency and transparency in academic operations, benefiting all stakeholders.





Foresight Plan



1. Future Expansion

- **Current Focus: Designed for Semester 2, Level 1, Faculty of Technology, University of Ruhuna.**
- **Future Vision: To extend the system's scope to manage all students at the University.**

Foresight Plan



2. Streamlined and Efficient

- **Current Observation: System complexity and potential data redundancy.**
- **Future Strategy: Simplify the system and reduce data redundancy for improved efficiency.**



Problems faced during the development of the solution.

- **User ID Separation**
- **Mistake in ER Design**
- **Foreign Key Constraints**
- **Database Version Compatibility**

Users



Dean



Student



Lecturer



**Technical
Officer**

Tables



- **User**
- **Lecturer**
- **Student**
- **Course**
- **Department**
- **TCS1212_course_marks**
- **Attendance**
- **Technical Officer**
- **Teaches**
- **Dean**
- **Eng1222_course_marks**
- **ICT1212_course_marks**
- **ICT1222_course_marks**
- **ICT1233_course_marks**
- **ICT1242_course_marks**
- **ICT1253_course_marks**
- **TMS1233_course_marks**



Views

- **all_ca_eligibility**
- **ca_total_marks**
- **all_courses_grades**
- **all_final_marks**
- **all_grades_points**
- **attendance_status**
- **details_of_students**
- **final_exam_eligibility**
- **proper_students_final_results**
- **repeat_students**
- **repeaters_results**
- **student_details**
- **student_gpa**
- **students_final_grades**

PROCEDURE



- **GetCourseMarks**
- **getExamEligibility**
- **GetStudentResult**



Thank You!

Submitted by: -

TG/2021/1087 M.N.F Ashfa

TG/2021/1045 M.R.F Sajeeya

TG/2021/1042 S.A.M Sukry

TG/2021/1067 N.U.M Hewage

GROUP NO : 14