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E-Learning Management System

(A Complete Web-based)

For

Key Educational Academy

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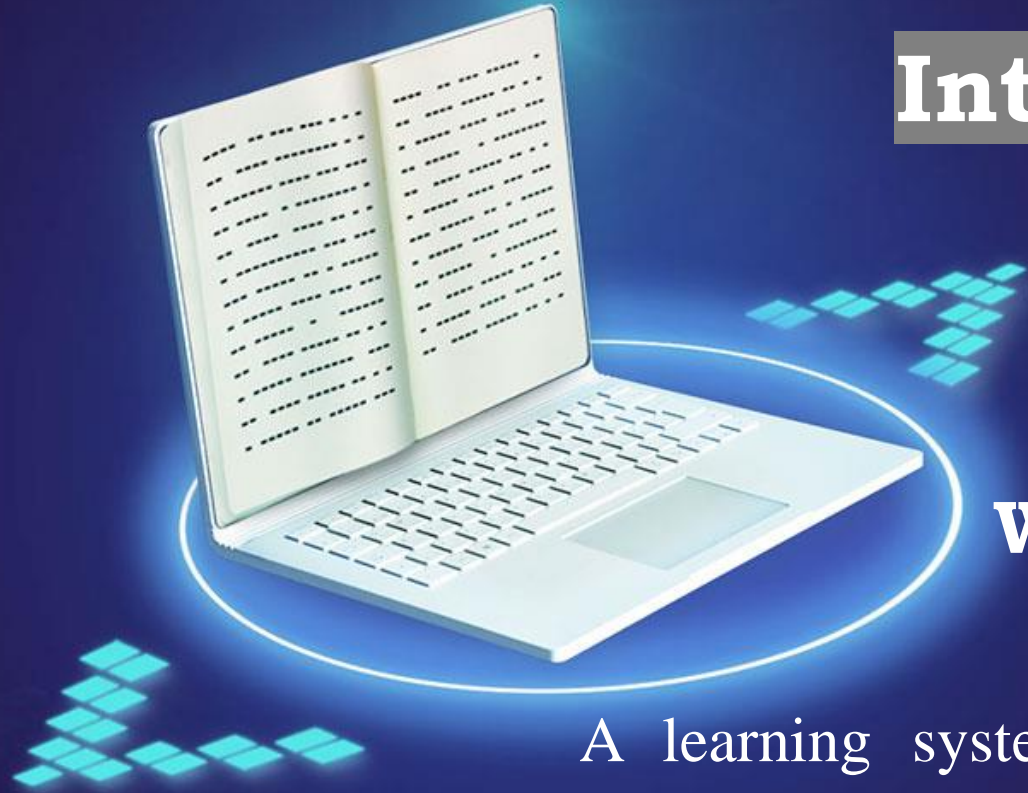
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Introduction

What is e-learning?

A learning system based on formalized teaching/learning but with the help of electronic resources is known as E-learning. While teaching can be based in or out of the classrooms, the use of computers and the Internet forms the major component of E-learning.

Objectives

- To provide an online study platform for students/learners.

- To enable student to study via distance learning.

- To enable student to enroll the desired subjects, course materials and interact with them.
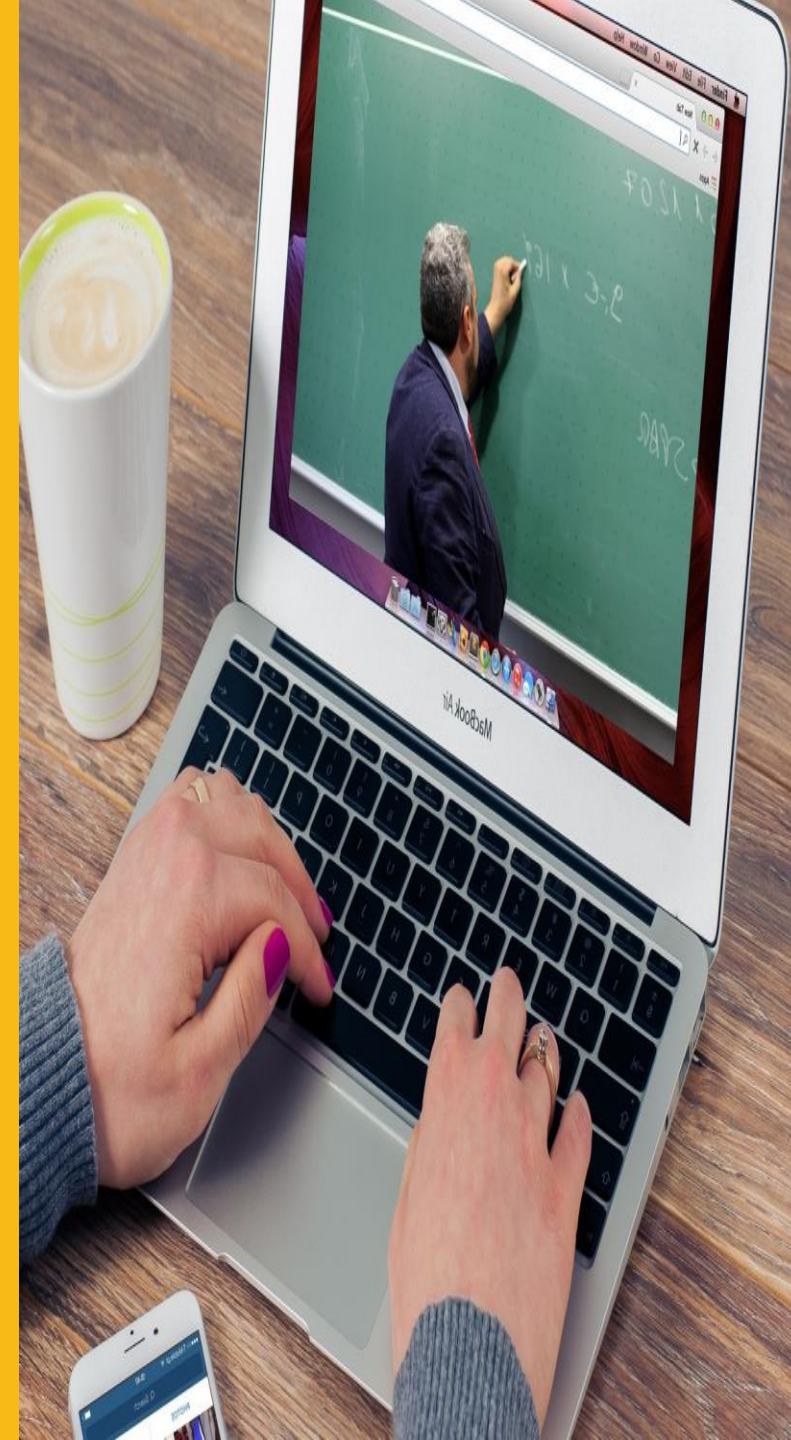
PROBLEM STATEMENT

Current Method Of Teaching ←

❖Student are required to be physically be in the classroom.

❖ Students only get help from lectures if the lecturers are in office/institution.

E-Learning Process →

❖Student are not required to be physically be in the classroom.

❖Students can search and enroll the desired study/course materials.

Requirement Analysis

Functional Requirement

✓Teaching Organization
✓Online Assessment
✓Teaching Resources
✓Online Management

Non-Functional Requirements

✓ Performance and scalability
✓ Portability and compatibility
✓ Reliability, maintainability, availability
✓ Security
✓ Usability

Web Development Methodology

PROGRAMMING LANGUAGES

SYSTEM DEVELOPMENT TOOLS

SYSTEM HARDWARE TOOLS

Laptop

Printer

PenDrive

SYSTEM SOFTWARE TOOLS

Visual Studio

Bootstrap

Chrome

XAMPP

❑ A formal description and representation of a system.

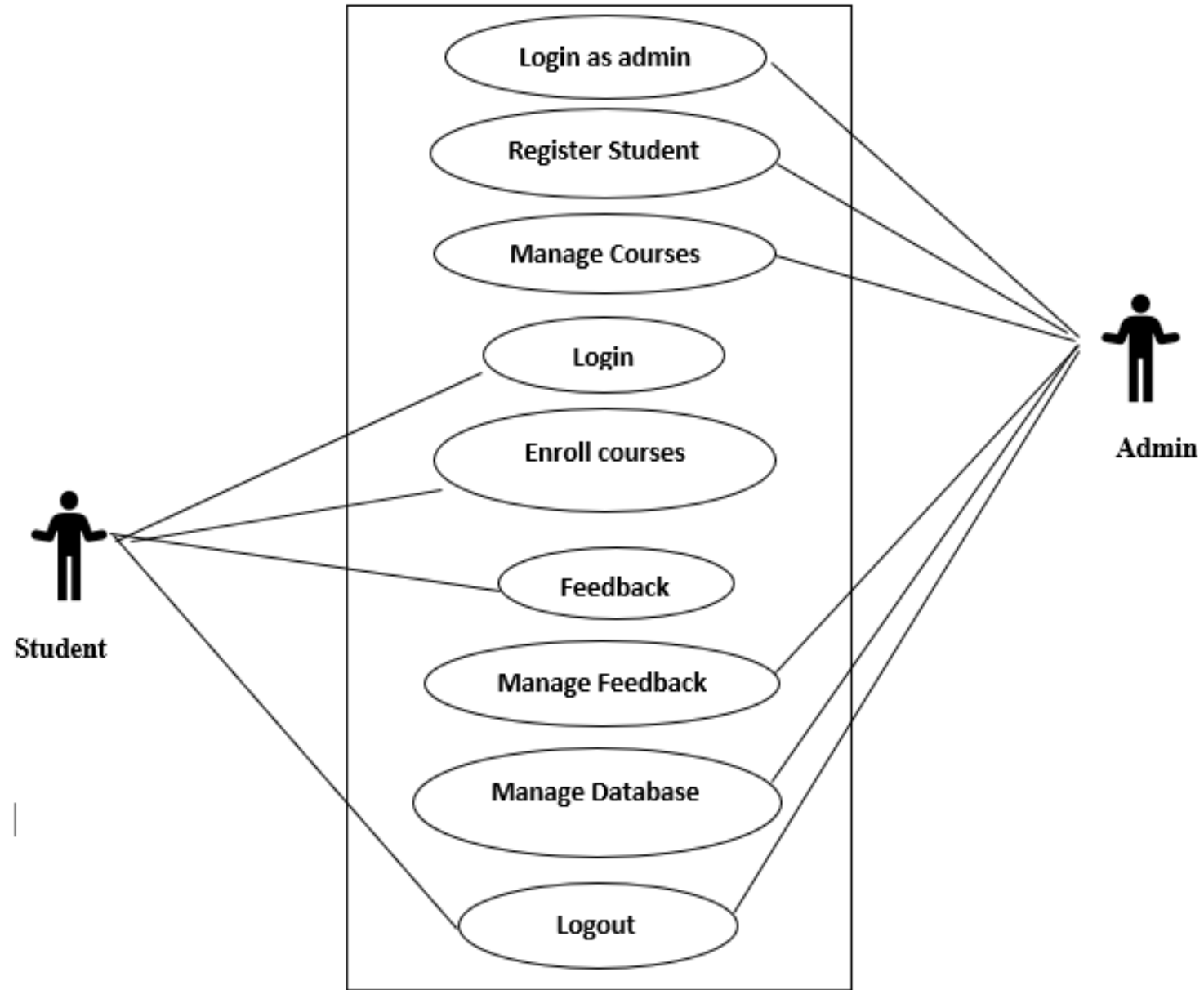❑ The conceptual model that defines structure, behavior and more views of a system.

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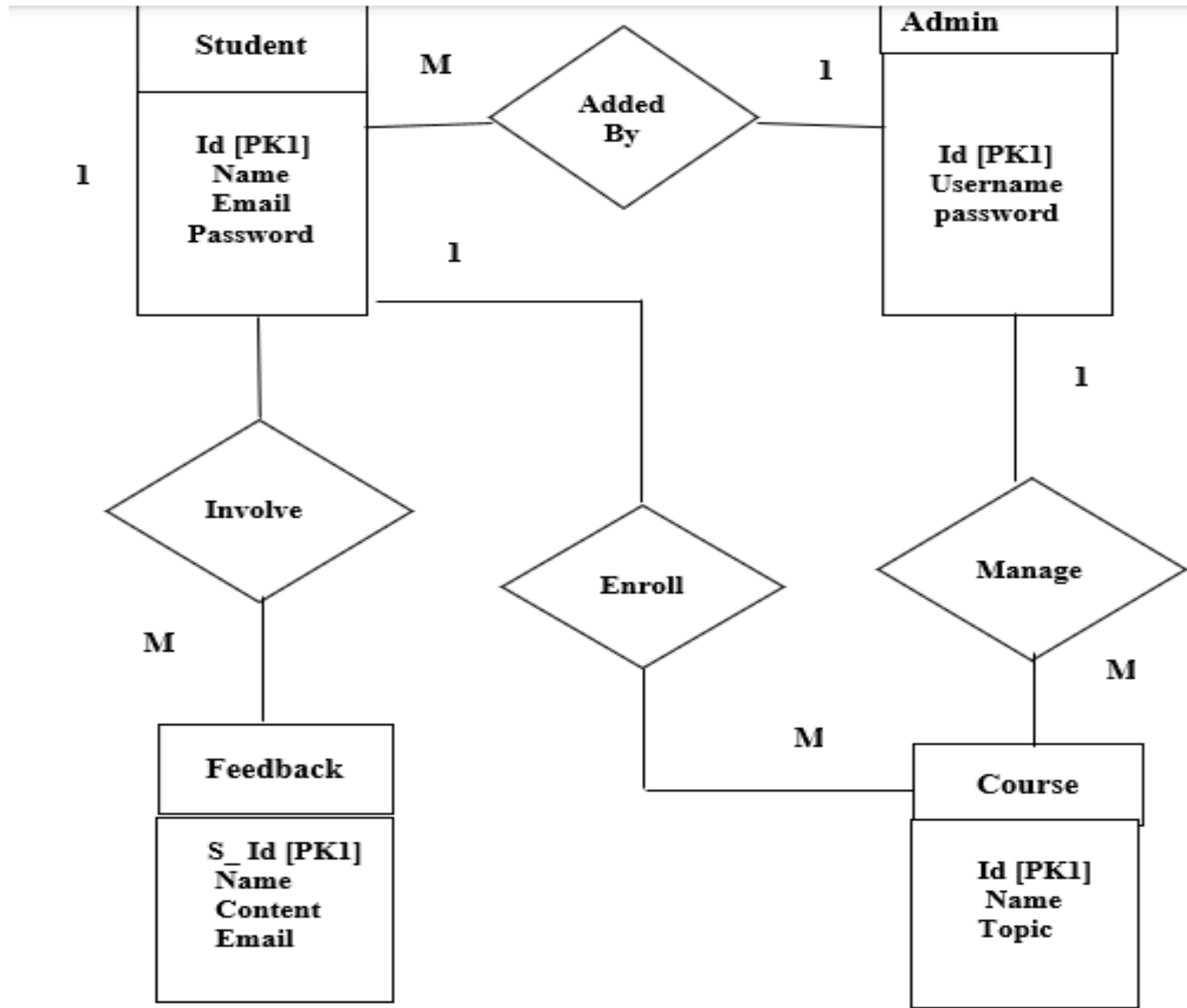

Figure: Use Case Diagram for E-Learning Management System

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Figure: ER- Diagram for E-Learning Management System

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Project Schedule

Week Phases	1st	2nd	3rd	4th	5th	6th	Status
Planning & Analysis	🟩						**Completed**
Research and Data Collection		🟩					**Completed**
Design and Coding			🟩	🟩			**Completed**
Testing					🟩		**Completed**
Maintenance						🟩	**Completed**
Report						🟩	**Completed**

❖A lack of face-to-face communication with the instructor.

❖Requires strong self-motivation and time management skills.

❖No live streaming videos(i.e. only pre-recorded videos are available).

➤ To sum up, the proponents found that the system is functional and accessible.

➤ System is done to lessen time and effort in the distribution of learning materials and for the students to access the information even outside the classroom.

THANK YOU

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