

# Project Overview

## **Team Work:**

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## Project Overview: Building a Comprehensive Hybrid-Learning System

Our primary objective is to develop a robust Hybrid-learning platform that encapsulates all critical aspects of an Hybrid -learning business. This system will serve as a comprehensive solution, showcasing every component essential to the success and operation of an online education enterprise.

The key features include:

- a. Business Segmentation:** Clearly outline and illustrate the various branches and domains within the e-learning sector, providing a detailed overview of how each segment contributes to the overall business model.
- b. Student Management:** Provide a thorough demonstration of all students enrolled in the system, including their registration details, course enrollments, and learning progress.
- c. Instructor Profiles:** Highlight the instructors within our system, offering insights into their expertise, courses they teach, and their roles within the learning ecosystem.
- d. Course and Department Management:** Present an organized structure of all departments and their associated courses, facilitating seamless navigation and management of the educational content offered.
- e. Financial Management:** Offer a detailed representation of the financial aspects of the business, including instructor salaries, student payments, and overall financial health, ensuring transparency and efficiency.
- f. Feedback and Reviews:** Display all feedback related to courses and instructors, enabling continuous improvement through constructive insights from students.
- g. Graduation and Success Metrics:** Track and present key performance indicators (KPIs) related to student graduation, such as freelancing opportunities and certifications earned, to measure the success and impact of the Hybrid-learning system.
- h. Examination and Assessment System:** Integrate a comprehensive examination system linked to courses, ensuring that students are evaluated effectively, and their progress is monitored throughout their learning journey.

## Initial concept of the dashboards that will be displayed

### **a- [2]** Dashboard Summary Dashboard:

- It will include a quick and brief presentation of the institution's performance and a review of the performance of students, instructors and departments. It will contain figures on the institution's performance during the semester.

### **b- [4]** Dashboards about Students:

- The student, the Courses he registered in and the department he belongs to. A dashboard that displays the data of the students and a special overview of them.
- The student and social media. The data registered for the student on social media (Facebook, Twitter, etc.)

### **c- [2]** Dashboards about instructors:

- The instructor and their performance indicators in terms of achieving the organization's goals and offering the highest wages, etc.
- The instructor and his feedback from the students. The students' opinion about each instructor, from the most preferred to them and the least rated.

### **d- [4]** Dashboards about Departments:

The institution includes four main departments (SWE - Power BI - Graphic - Full Stack)

- We will display each department in its own dashboard with performance indicators for each department, the number of registered students, department heads, and the most requested in the departments, and so on.

### **e- [2]** Dashboards about Students' Freelance job and Certificates

- Student performance to graduate from the program through Freelance Job What are the most freelance work sites that students have worked on, and how much money have students made from these sites
- And other certificates that he obtained during the training period Sites and courses What are the most courses that students have obtained

**f- [4] Dashboards about Exam Courses:**

The Courses which will make an Exam on it (SQL, Photoshop, Agile, Html/Css)

- In this section, the performance of the exam subjects that were completed by the students will be displayed in terms of grades, success rates in the subjects, and achieving full marks, in addition to measuring the exam performance.

**g- [2] Dashboards about Branches” Offline” and “Online”:**

- The performance of the branches is shown in terms of service and development, in addition to comfort and other things.
- As well as measuring the quality of online education and its quality in terms of performance and the solutions it provides.