E-Learning Plateforme

Scope

10 April 2023

A. Project Presentation

This project came into life in order to help you gain new experiences and sharpen your knowledge in the web development. This document will help you understand the project more, its objectives, what are we waiting from you and finally have your own personal web application.

A.1.   Objectives:

This project has numerous objectives, we can list few of them as:

- Build your first professional web application.
- Learn about web development.
- Capable of working on any simple task related to web development.
- Gain experience by working in a professional environment.

A.2.   Awaited results:

We are expecting from you by the end of the internship period to provide:

- Complete folder containing all the necessary files of the application.
- Technical report describing every step you went through.
- Good understanding of the web development world.

B. Brief Description

B.1.   What you should create:

So far, we were talking about the project in a general way, let's detail it more.

The project's goal is to create an e-learning web application that will allow the user to manage his courses, students and assignments...

B.2.   The application description:

As we have mentioned, your application should cover the following aspects:

- User management: A robust user management system is required for an e-learning platform. It should have features for user registration, login, and account management.
- Course creation and management: The platform should allow course creators to upload course content, such as videos, documents, and quizzes, and manage them.
- Course delivery and assessment: The platform should provide learners with access to course content, such as videos, quizzes, and assignments. It should also have features to evaluate learners' performance, such as quizzes and assignments.
- Analytics and reporting: The platform should provide analytics and reporting features that enable course creators to track learners' progress and performance.
- Communication and collaboration: The platform should allow learners to communicate with instructors and fellow learners through forums, chat, and other means.

B.3.   Technologies:

Now with the technologies we will be using, while we are creating a web application, we will need the famous web development programing language PHP, using its framework Laravel for the backend side. In the other side, you are free in the frontend part, you can use whatever technologies you would love to work with.