

APRIL 2021



Smart
Learning

PROPOSED BY

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INTRODUCTION

Smart learning is a learning management system (LMS) software application for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, learning and development programs. The project's concept emerged directly from e-Learning.

PROJECT OBJECTIVE

This work takes the responsibility of building a Learning Management System in the form of a Web Application that consists of both a public site and more importantly the dashboard which is the core of the application.

KEY FEATURES

01

PROJECTS

Assign Projects and view submitted work.

03

TASKS

Create tasks and correct students work

02

USER MANAGEMENT

Manage the teachers and student profiles

04

MATERIALS & RESOURCES

Manage study materials

05

EVALUATION

Evaluate students based on their technical and personal performance

06

MANAGE PUBLIC SITE

Admin is responsible for managing the public site

TECHNICAL SPECIFICATIONS

PUBLIC SITE:

- Home Page:
 - Navigation bar
 - Image / video carousel
 - Brief about section
 - Data representation (Numbers)
 - Categories
 - Banner
 - News Section
 - Video
 - Call To Action
- About Page:
 - Our Vision
 - Our Team
 - Learning methodology
 - Success Stories / Testimonials
- Contact Us Page
- Login Portal:
 - Student Login
 - Teacher Login
 - Admin Login

ADMIN DASHBOARD:

- Manage News
 - Create Post
 - Display posts in table
 - Edit & Delete posts
- Manage Users:
 - CRUD operations on admins
 - CRUD operations on students
 - CRUD operations on teachers
- Manage Public Content
 - Carousel
 - Videos
 - Other

TEACHER DASHBOARD:

- Home:
 - Due Tasks
 - Due Projects
 - Submitted Works
- Manage Tasks:
 - Create Tasks
 - Display tasks in table
 - Edit & Delete tasks
- Manage Projects:
 - Create Projects
 - Display projects in table
 - Edit & Delete projects

- **Materials & Resources:**
 - Manage materials per subject
 - Manage resources per subject
- **Marks & Evaluation:**
 - Manage student personal evaluation
 - Manage student technical evaluation
- **Profile**

STUDENT DASHBOARD:

- **Home:**
 - Due Tasks
 - Due Projects
 - Submitted Works
- **Tasks:**
 - Due Tasks
 - Previous Tasks
- **Projects:**
 - Due Projects
 - Previous Projects
- **Materials & Resources:**
 - View materials per subject
 - View resources per subject
- **Marks & Evaluation:**
 - View personal evaluation
 - View technical evaluation
- **Profile**

DASHBOARD FLOW

Manage Teachers & Students

Admin can create and manage teachers, The admin provides the teachers full name email and password



Assign task or project

One of the very important actions of the teachers is assigning tasks and projects for students



Submit Work

The students can then submit their work (Taks / Project)



Correct Work

The teacher will then check the students work and evaluate it.



Evaluation Report

The student can then see their evaluation in the dedicated section



Studying

The student also has access to all the materials and resources that are provided by the mentors



IMPLEMENTED TECHNOLOGIES

FRONT END

HTML



CSS



JS



BACK END



OTHER



APACHE

HTTP SERVER PROJECT



git

