E-Learning Website Documentation

Participants:

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1. Overview

The platform will be designed to meet the needs of our target audience by offering online courses, assessment tests, user management, and a user-friendly interface. The platform will be developed using the latest technologies and tools available to ensure a quality online learning experience for users. This report will include a detailed description of the platform's features, as well as information on the technologies and tools used to create it. Finally, this report will present the results of our project, highlighting the achievements encountered during the implementation of our e-learning platform.

2. Project Description

The e-learning website is designed to provide a comprehensive online learning platform for students and educators, featuring course creation, enrollment, and interactive learning tools.

An online learning platform is a computer system that allows users to take online courses, communicate with other students, and access educational materials. These platforms are often used to offer distance learning and may include features such as online courses, quizzes, group discussions, assessment exercises, and communication options for students and teachers.

3. Target Audience

- Students: Individuals looking to learn new skills or enhance existing knowledge.

- Educators: Professionals seeking to offer online courses.

4. User Guides

Registration and Login

1. Visit the Registration Page: Go to the Sign-up form.

2. Fill in the Required Details: Enter your name, email, and create a password.

3. Confirm Email: Check your email for a confirmation link.

4. Log In: Use your credentials to log in.
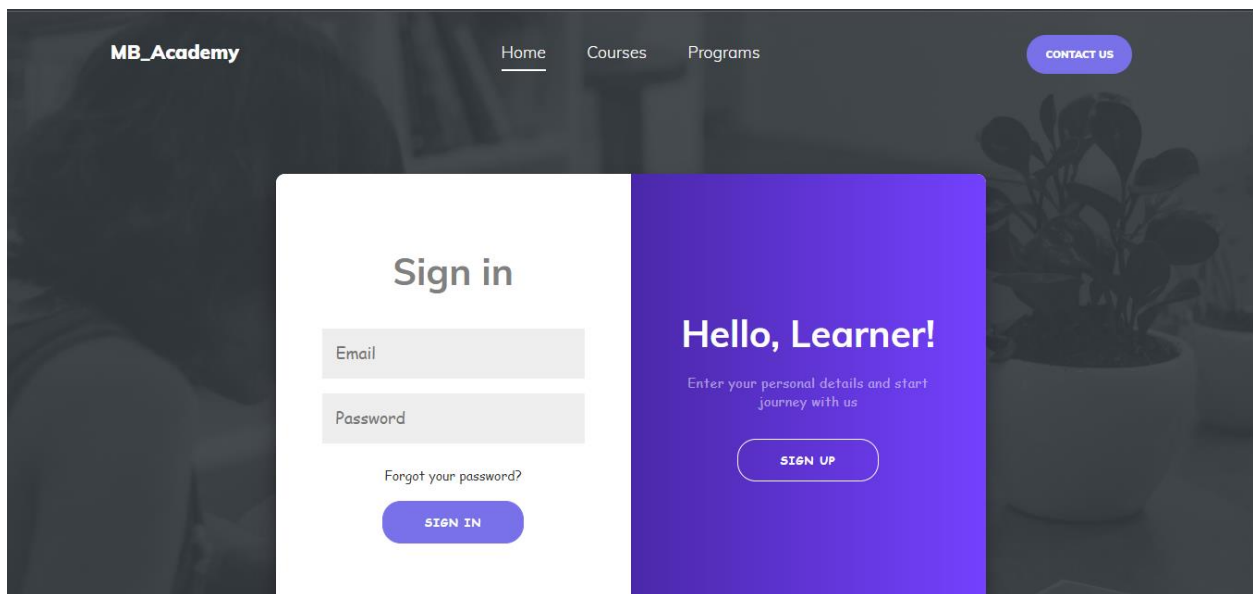
Course Enrollment

1. Browse Courses: Navigate to the Courses page.

2. Select a Course: Click on the course you wish to enroll in.

3. Enroll: Click the 'Enter' button and follow the prompts.

After selecting your courses, you can view them in your profile and access them from there.

Computer science

- Java
- C++
- Python

Engineering

- Software Engineering
- Aerospace Engineering

Browse All Online Courses
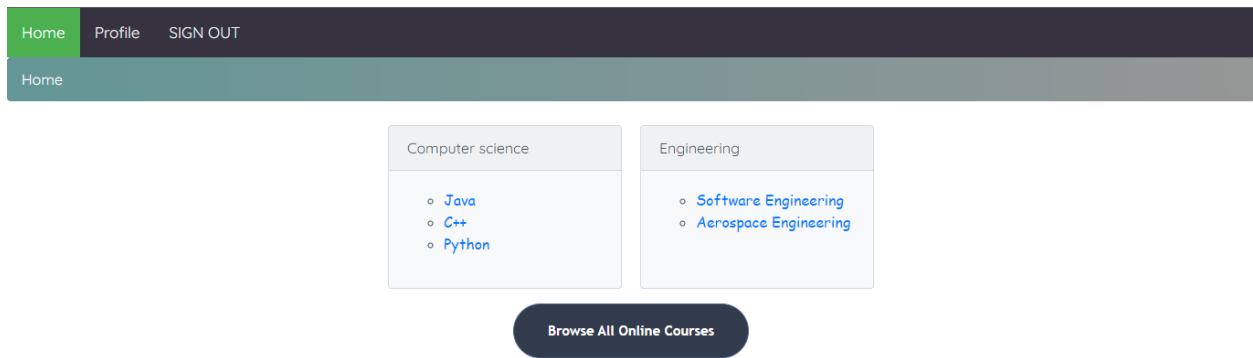
- Courses: View and access your enrolled courses.

- Progress: Check your progress.

- Messages and Comments: View messages and comments from instructors.

C++ - Cours

Language : French

Tutor : FormationVidéo

View Description !

View Course !

Learn C++ Programming | Video Tutorial for Beginners

Language : English

Tutor : LearningLad

View Description !

View Course !

C++ Programming Tutorials

Language : English

Tutor : thenewboston

View Description !

View Course !

Apprendre la programmation avec JAVA

Language : French

Tutor : Dominique Liard

View Description !

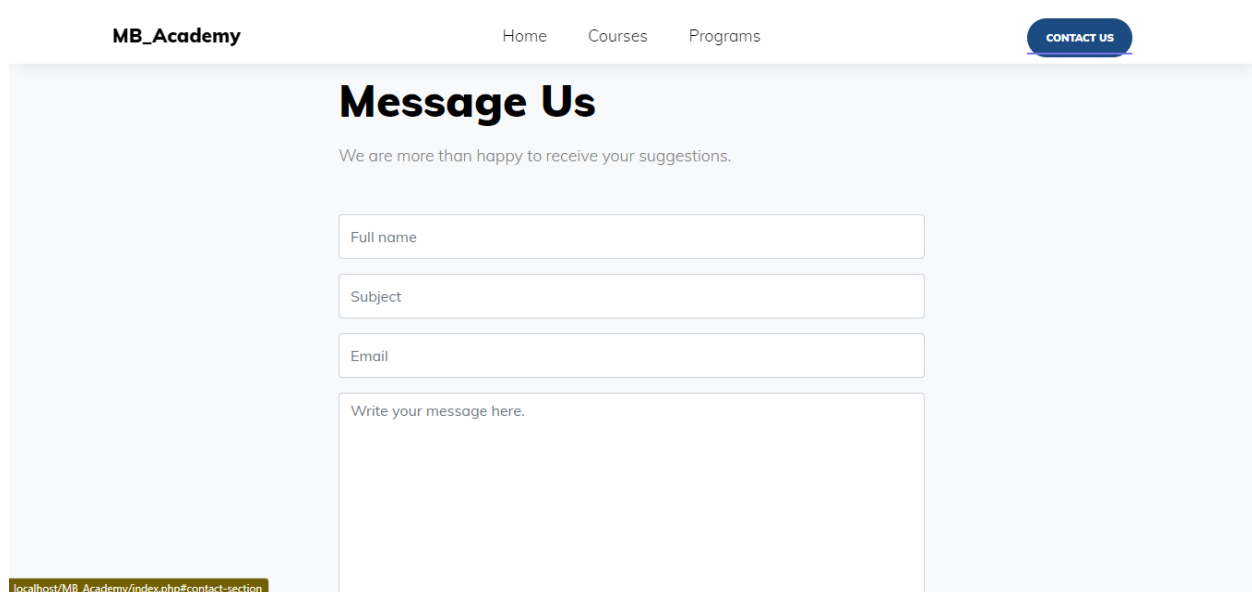View Course !

Observe our programs:

Browse Programs: Navigate to the Programs page.
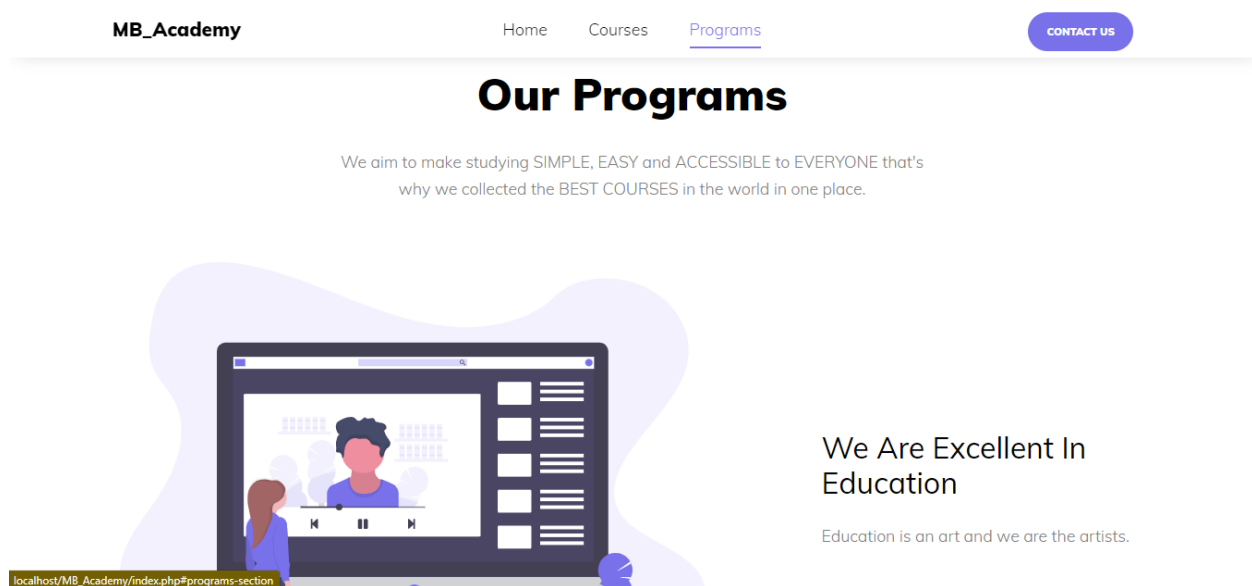
Contact Us:

Browse Contact us: Navigate to the Contact us page.

You can send us a message whenever you want by filling in this form with the necessary data.

3. Technical Documentation

System Requirements

- Hardware: Minimum 4GB RAM, recommended 8GB RAM.

- Software: Latest versions of Chrome, Firefox, Safari.

Architecture Overview

- Front-End: HTML, CSS, JavaScript, Bootstrap.

- Back-End: PHP.

- Database: SQL.

Installation and Deployment

Local Setup (Using WAMP or XAMPP)

1. Install WAMP or XAMPP: Download and install either WAMP or XAMPP to run PHP code locally.

2. Run WAMP or XAMPP: Start the server.

3. Set Up the Database:

   a. Open your browser (we recommend Opera for minimal bugs).

   b. Go to `localhost/phpmyadmin/`. Use username: `root`, password: leave it empty, then click "Go".

4. Create Database :

   a. Click on "Databases" (Bases de données).

   b. Enter "loginsystemtut" as the database name and click "Create".

5. Create First Table:

a. Click on the "SQL" tab and enter the following SQL code:

```sql
CREATE TABLE users (

    idUsers int(11) AUTO_INCREMENT PRIMARY KEY NOT NULL,

    uidUsers TINYTEXT NOT NULL,

    emailUsers TINYTEXT NOT NULL,

    pwdUsers LONGTEXT NOT NULL

);
```

b. Click "Go" or "Execute".

6. Create Second Table:

a. Click on "loginsystemtut".

b. Click on the "SQL" tab and enter the following SQL code:

```sql
CREATE TABLE imgupload (

    id int(11) NOT NULL AUTO_INCREMENT PRIMARY KEY,

    userid int(11) NOT NULL,

    status int(11) NOT NULL

);
```

c. Click "Go" or "Execute".

7. Set Up the Website Files:

a. Copy the folder named "e-learning" to the "www" directory inside the WAMP installation folder.

8. Access the Website: Open your browser and go to `localhost/e-learning` to start using the website.

4. Administrative Guides

Site Management

- User Management: The admin panel allows for the creation, editing, and deletion of user accounts.

- Course Management: Admins can approve or reject courses.

Security

- Access Control: Roles include Admin, Instructor, and Student.

- Data Protection: Regular data backups and encryption protocols.

5. Troubleshooting and FAQs

Common Issues

- Login Problems: Reset your password using the 'Forgot Password' link.

- Course Access Issues: Ensure you are enrolled and have a stable internet connection.

FAQs

- How do I reset my password?

  - Go to the login page and click 'Forgot Password'.

6. Glossary

- Enrollment: The process of registering for a course.

- Dashboard: The user interface showing course details and progress.

4. Conclusion

In conclusion, the development and implementation of our e-learning platform have successfully addressed the needs of our target audience by providing accessible, high-quality training solutions. Using cutting-edge technologies and user-friendly design, we have created a robust system that facilitates effective learning experiences. The platform's comprehensive features, including online courses, assessment tools, and user management, ensure seamless and engaging educational journeys for all users. As we continue to refine and expand our offerings, we remain committed to enhancing the learning outcomes and satisfaction of our users, ultimately contributing to their personal and professional growth.