



## First Project Details

### Abstract:

You have been asked to create eThink website. Dynamic; it may be updated at any time by the users and stored in a database.

### Existing System:

We do not have any system to deal with the trainees via the Internet, so we have to send the materials by e-mail, and we have problems communicating with them. Which contributed to the loss of many of them.

### Draw Backs:

We spend a lot of time and effort to reach the trainees. We suffer from many problems such as the lack of access to the email to its owner, and there is no interaction between us and the trainees, so we ask for your help in designing a website that represents our own platform.

### PROPOSED SYSTEM:

Create eThink website and LMS with the following requirements:

#### Home:

- Displays all courses and their prices.
- Displays all courses for which there are discounts.
- Search for the course by its name or its category.
- Contains a log in and a registration so that the trainee can purchase the existing courses.
- Contains About us, Contact us, Review, Testimonials, background, nav bar, header, footer, ...etc.



### Trainee:

- Register on the portal.
- Buy any course and pay for it.
- Displays all Displays the materials for each course, whether it is videos or documents in the courses he has registered for.
- Entering the exams at the time of the exam.
- Get his mark as soon as he finishes the exam.
- Gets his grade after completing all exams.
- Can update his personal information.

### Trainer:

- Upload the material on the portal.
- Make exam on the Portal.
- Makes the exam available on time.
- Display and change the student's grades in the course.
- Get a report on students grades and grade average.
- Displays the information of students registered in the course.
- Displays the courses he teaches.
- Search about his courses using interval.

**Marks Module** (Marks Report during month and year contains average, min, max.....etc).

### Admin:

- Display the students registered in the courses.
- Displaying students' grades in courses, in addition to a report on their grades and academic status.
- View student profiles and personal information.
- Displays a financial report for all students on the portal.
- Daily, Displays all successful students in the courses.
- Uploads the certificate to the trainee successful completion of the course.

### Accountant:

- Communicate with students when there is a problem with payment.
- Displays a financial report for all students on the portal.

**Accounting Module** (Contains Financial Report during month and year (Pdf Document)).

**Note:** Use template for the home page and Dashboard for LMS. Do not forget the rules of clean code.



## Modules:

- Marks Module.
- Accounting Module.

## User Types:

1. **Admin:** Monitor's students and their academic status.
2. **Accountant:** is responsible for financial matters.
3. **Student:** Register in the course and be able to enter the exam.

## Technology:

Using MS SQL Server as your database storage.

Using C# and .Net Framework MVC as your webserver.

Using HTML, CSS and JavaScript as your front-end design.