

# El Professora



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**A Project Report Submitted to the DEPARTMENT OF COMPUTER SCIENCE**

**QURTUBA UNIVERSITY**

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## APPROVAL CERTIFICATE

Project Report entitled “El Professora” submitted by **Ziaullah** (ID#: 10885-D) and **Rizwan** (ID#: 10898-D) to the Qurtuba University of Science and Information Technology Dera Ismail Khan in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science (BSCS Hons) is hereby approved by:

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## ABSTRACT

In this age of corona due to covid-19 pandemic we have to follow sops, and students are unable to attend their classes, and they wasting their time, they can't go outside to get books, so we have decided to provide such a plate form to the students where they can get material for study.

El Professora is our dream project to fill the void that was created by the corona virus, this platform will help these students to get study material to continue their study.

Instructors will be able to teach students online. And share study material with them online.

This system can be implemented by Universities Schools and colleges. Their teachers can share their material on the platform, and their students will be able to download study material from the EL Professora

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## PREFACE

This project helps the students to get study material for their study anywhere, it also helps instructors to give lectures to their students from their home, they can share study material from their home,

What kind of material a teacher share with their students?

They can share,

- PDF Documents
- Video Lectures

Who can get enroll in the courses?

Students which are registered on the web application can access all the course material they want to get.

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# CHAPTER #1

## 1 INTRODUCTION

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### 1.1 EL Professora

El Professora is a web application which is designed to help students get study material online on the internet. There is other such web application used as online students portals in schools colleges and universities. Online learning is the newest and most popular form of distance education today. Within the past decade it has had a major impact on postsecondary education and the trend is only increasing. And this project will help student in this regard.

Why online distance learning and why now? Online distance learning meets the needs of an ever-growing population of students who cannot or prefer not to participate in traditional classroom settings. These learners include those unable to attend traditional classes, who cannot find a particular class at their chosen institution, who live in remote locations, who work full-time and can only study at or after work, and those who simply prefer to learn independently. The minimum requirement for students to participate in an online course is access to a computer, the Internet, and the motivation to succeed in a non-traditional classroom. Online courses provide an excellent method of course delivery unbound by time or location allowing for accessibility to instruction at anytime from anywhere. Learners find the online environment a convenient way to fit education into their busy lives. The ability to access a course from any computer with Internet access, 24 hours a day, seven days a week is a tremendous incentive for

many of today's students.

## 1.2 Goals and objectives

### 1.2.1 Convenience:

24/7 access from any online computer; accommodates busy schedules; no commuting, no searching for parking.

### 1.2.2 Enhanced Learning:

Research shows increased depth of understanding and retention of course content; more meaningful discussions; emphasis on writing skills, technology skills, and life skills like time management, independence, and self-discipline. Leveling of the Playing Field: Students can take more time to think and reflect before communicating; shy students tend to thrive online; anonymity of the online environment.

### 1.2.3 Interaction:

Increased student-to-teacher and student-to-student interaction and discussion; a more student-centered learning environment; less passive listening and more active learning; a greater sense of connectedness, synergy.

### 1.2.3 Innovative Teaching:

Student-centered approaches; increased variety and creativity of learning activities; address different learning styles; changes and improvements can translate to on-ground courses as well

#### 1.2.4 Improved Administration:

Time to examine student work more thoroughly; ability to document and record online interactions; ability to manage grading online.

#### 1.2.5 Savings:

Accommodate more students; increased student satisfaction = higher retention and fewer repeats.

#### 1.2.6 Maximize Physical Resources:

Lessen demand on limited campus infrastructure; decrease congestion on campus and parking lots.

#### 1.2.7 Outreach:

Give students options; reach new student markets; appeal to current students thus increasing enrollments.

### 1.3 Statement of scope

In years past, instructors had to create their “virtual classrooms” from scratch which was difficult

and often led to poor results. Today, I can proudly say that this web application will surely help to do this for instructors. This web application can be utilized by schools, colleges and universities. this web application allows instructors to design and deliver their courses within a flexible framework that includes a number of different tools to enable learning and communication to occur. It also helps the students to learn and improve their desired skill from any corner of the world.

## 1.4 Software context

This web application can be used by teachers who don't have any job or those who want a part time job, on the other hand it can be used by the students who don't have time to attend classes or who live on a remote area, or those students who are having job and want to improve their skills

## 1.5 Major constraints

The major constraint on the project is time; there is a limited amount of time during the term to work on this project due to the requirements of other courses.

## 1.6 Usage

Any student or teacher who has a running computer or mobile with internet connection can use this application

## 1.7 Architecture and Environment

### 1.7.1 Front End Design:

- HTML
- CSS
- Bootstrap
- JQuery
- JS
- Flutter (For Android Application)

#### 1.7.2 Back End:

- ASP.Net
- C#
- ADO.Net
- 3 Layer Architecture
- Dart (for android Application)

#### 1.7.3 Database Server:

- MSSQL 2017

#### 1.7.4 Development Environment:

- Visual Studio 17
- SQL Studio 17
- VS Code (For Android Application and iOS Application)

#### 1.7.5 Hardware requirements:

- PC with Active internet (for web application)
- Android 4.4 or above for Android App
- iOS 10 or above for iOS App

#### 1.7.6 Software requirements:

- Windows Server 2012
- SQL Server 2012 or above

#### 1.7.7 Deliverables

1. An Admin should be able to:

- Login to the system through the login page of the application.
- View the students who are enrolled in different course.
- Add Edit Update and Delete different categories.
- Add Edit Update and Delete different Course in the Categories
- Add Edit Update and Delete Instructors.
- Add Edit Update and Delete Courses in different categories.
- View Instructors
- View Courses
- View Categories
- View Students

2. an instructor should be able to:

- Login to the system through the login page of the application.
- View the students who are enrolled in his course.
- Add Edit Update and Delete Study Material in different courses.

3. A student should be able to:

- Login to the system through the login page of the application.
- View different courses.
- View different instructors.
- Follow different courses.
- Follow different instructors.

### 1.7.8 Important Steps

#### 1.7.8.1 Requirements Specification:

Complete specification of the system (with appropriate assumptions)

#### 1.7.8.2 Technology familiarization:

Understanding of the technology needed to implement the project.

#### 1.7.8.3 Database creation:

A database of users with all roles should be created.

#### 1.7.8.4 Development for front end functionalities:

Implementation of the main page giving the login page, page that follows the login giving various options, page for each of the options.

#### 1.7.8.5 Integrating the front-end with the database:

The front-end developed in the earlier milestone will now be able to update the El Professora database. In short, the system should be ready for integration testing.

#### 1.7.8.6 Final Review:

defects/Issues found during the previous milestone are fixed and the system is ready for the final review



# CHAPTER #2

## 2 PROPOSED SYSTEM

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### 2.1 Introduction

El Professora is a web application which is designed to help students get study material online on the internet. There is other such web application used as online students portals in schools colleges and universities. Online learning is the newest and most popular form of distance education today. Within the past decade it has had a major impact on postsecondary education and the trend is only increasing. And this project will help student in this regard.

### 2.2 Key Features

#### 2.2.1 User Maintenance:

The Web Application will maintain all the user (Admins,Instructors and Students)

#### 2.2.3 Course Category

Admin will be able to Add Edit and Delete Course Categories

#### 2.2.4 Course Material

Instructor will be able to add course material and a student can view and download the course material

#### 2.2.5 User Access Control:

Different level permissions control access to All the users on the system.

#### 2.2.6 Find Course

Students will be able to find different type of course.

#### 2.2.7 Find Course of a Specific Instructor

Students will be able to find course of a specific Instructor.

#### 2.2.8 Find Course of a Specific Category

Students will be able to find course of a specific Category.

### 2.2.9 Reports

System will generate reports for of students, instructors, and courses for admin

## 2.3 Components

A major component of the El Professora is the Database, it records all the facts and figures about the Instructors, Admin and student, facts may consist of the type of course, category of course, and the name and detail of the instructor. It will store information of the students, their login credentials, also credentials of the admin and instructor

## 2.4 How it works

The following steps completely explain the working of El Professora:

### 2.4.1 Login Page:

Student will be landed on the index page and from there they will be able to login,

For Admin they will be landed on admin login page and they will be able to login

### 2.4.2. Invalid Login:

If the student, admin or instructor user wrong username or password it will not login

### 2.4.3. Valid Login:

If the student login with a valid email and password it will be able to follow instructor and courses

If the Admin and Instructor login with valid email and password it will be logged in into the index page of the admin side.

### 2.4.4. Index Page for Student:

From main index page student can follow courses and instructor,

And from the index page of the admin side, instructor will be able to add courses, view students and generate reports.

### 2.4.5. Index Page for Instructor:

From the index page of the admin side, instructor will be able to add courses, view students and generate reports.

### 2.4.6. Index Page for Admin:

From the index page of the admin side, Admin will be able to add courses category, view students, add instructor, view update delete instructor and generate reports.

## 2.5 Complete Data Flow diagram of El Professora For Student:

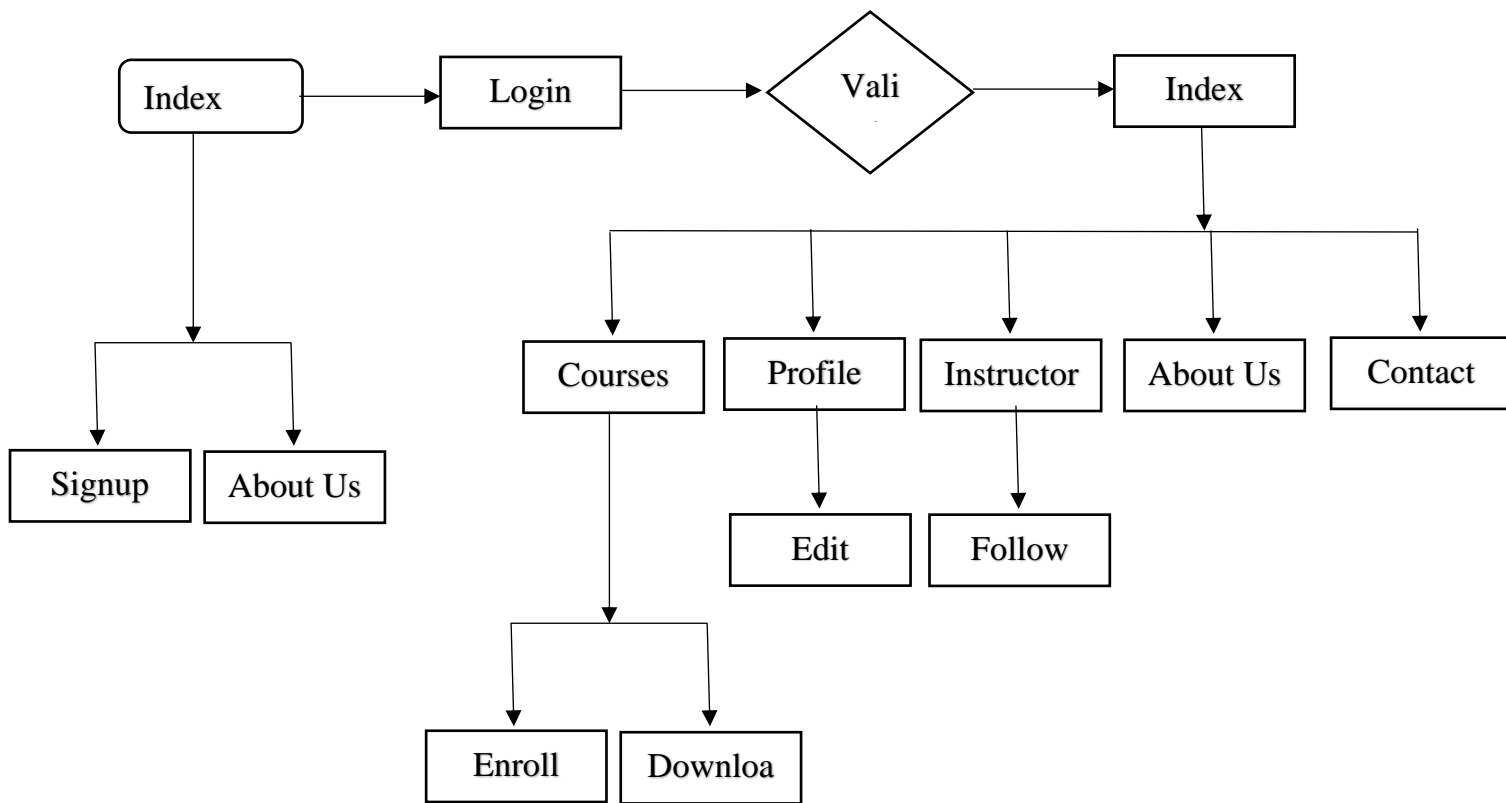


fig 2.5

## 2.6 Complete Data Flow diagram of El Professora For Instructor:

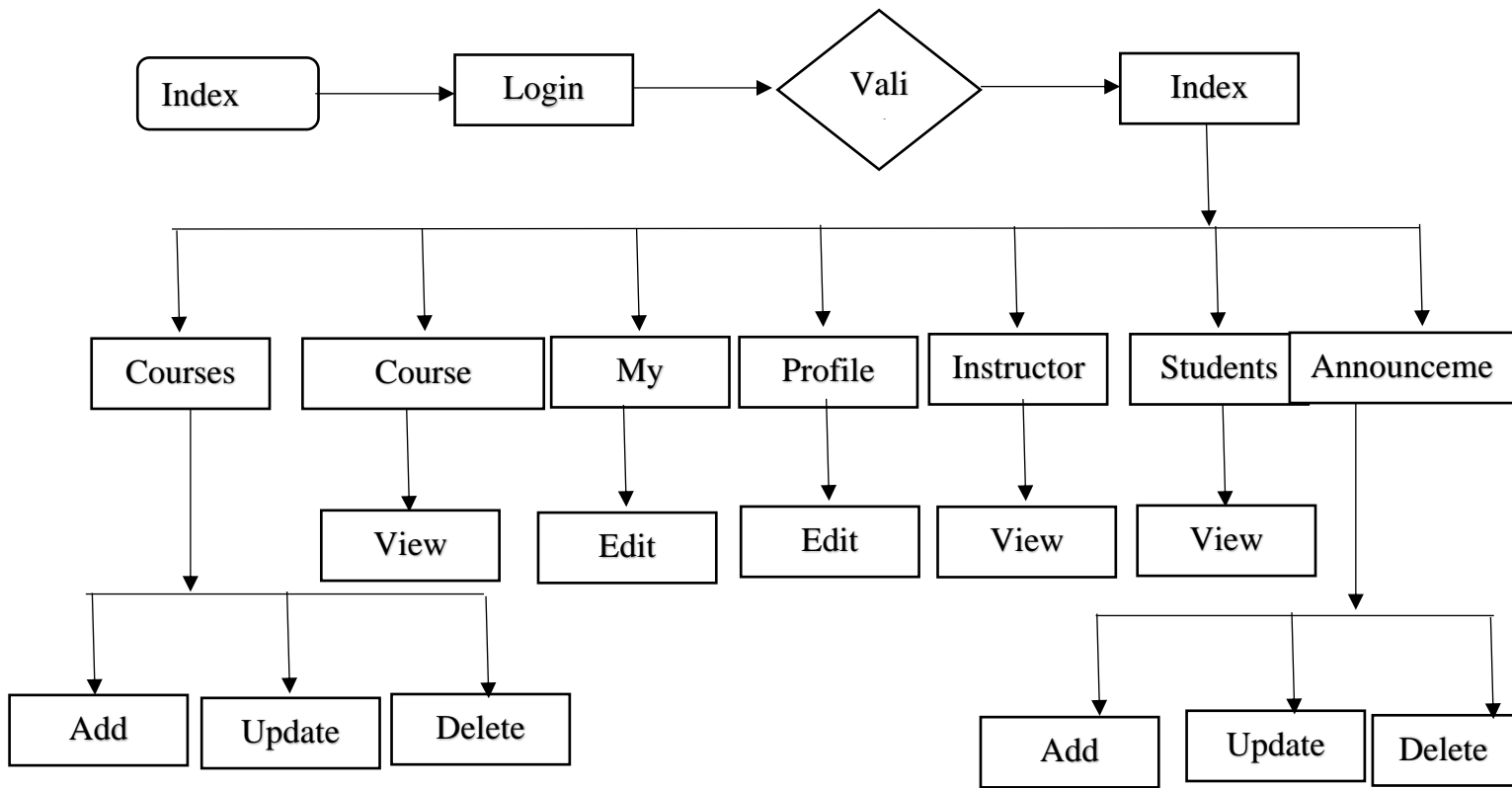


fig 2.6

## 2.7 Complete Data Flow diagram of El Professora For Admin:

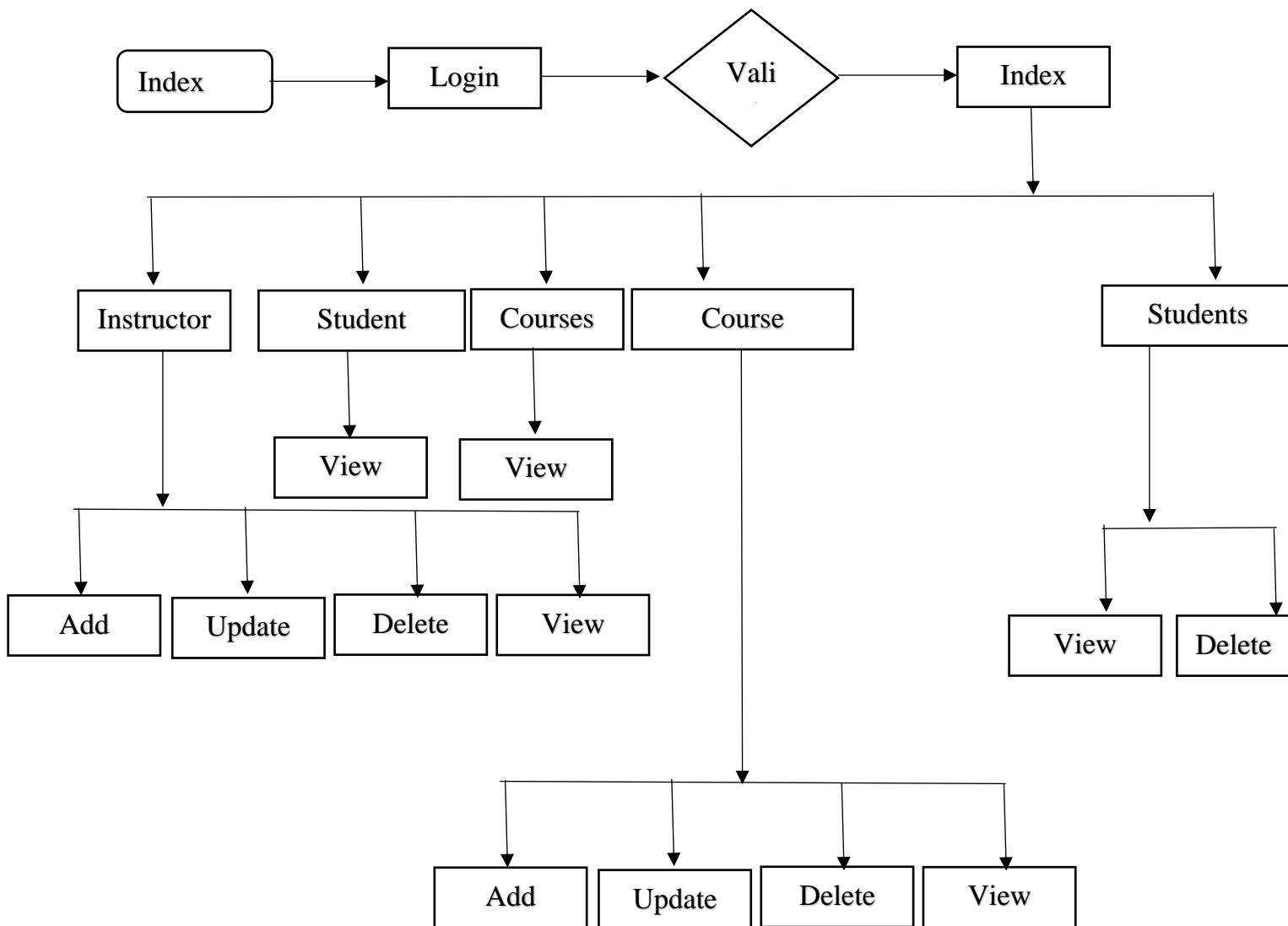
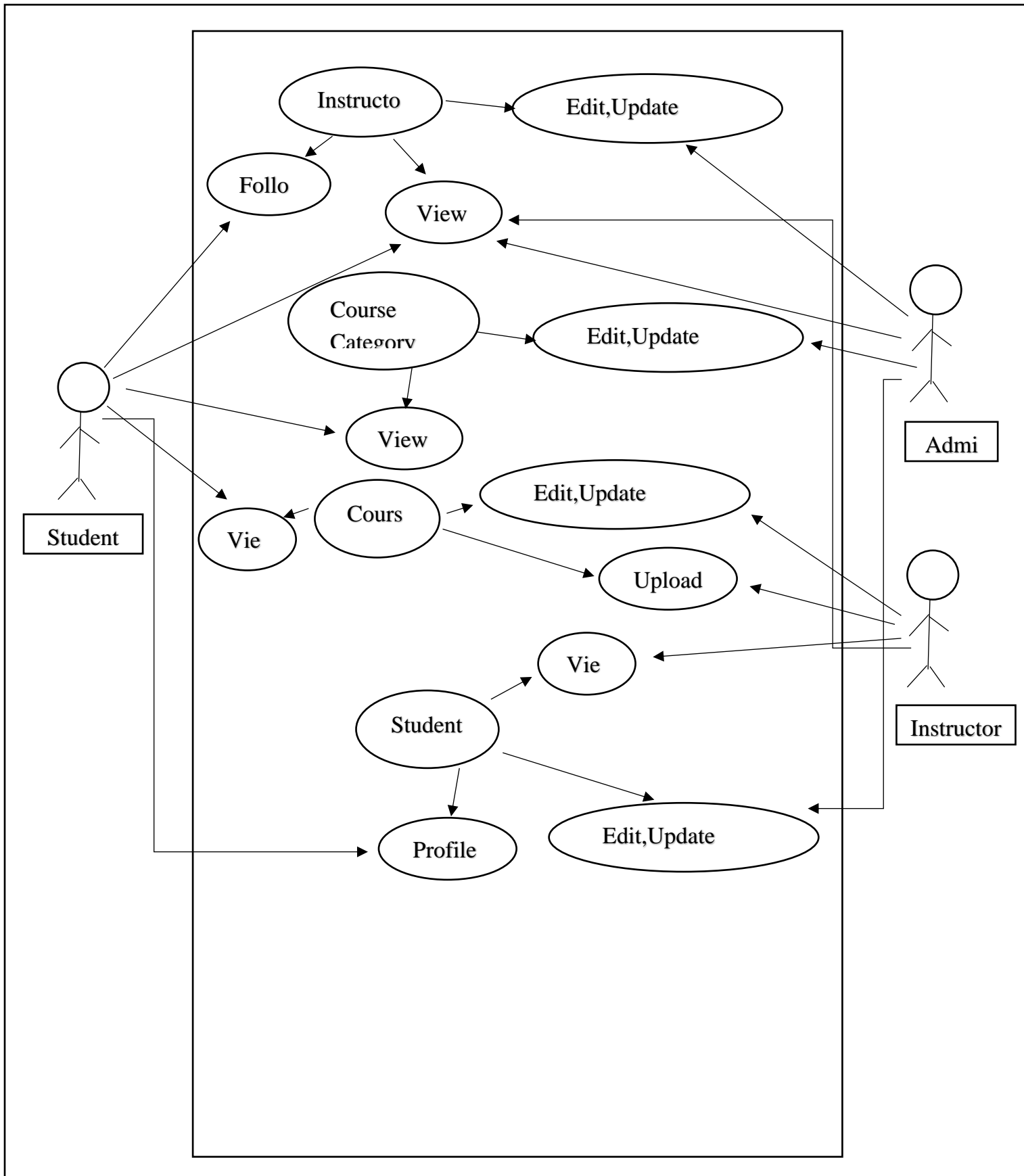


fig 2.7

## 2.8 Use Case Diagram:

fig 2.8



### 2.8.1 Activities for individual Use Cases:

#### 1. Admin (Use Case: 1)

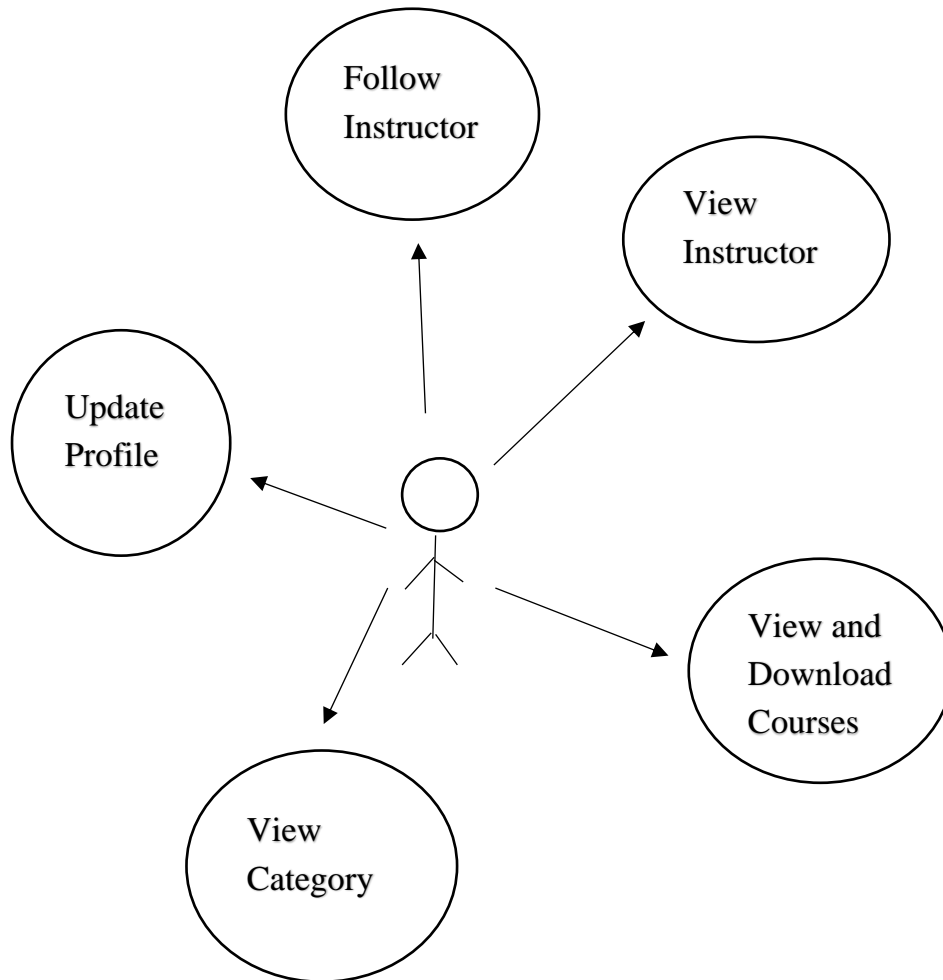


fig 2.8.1

2: Admin (Use Case: 2)

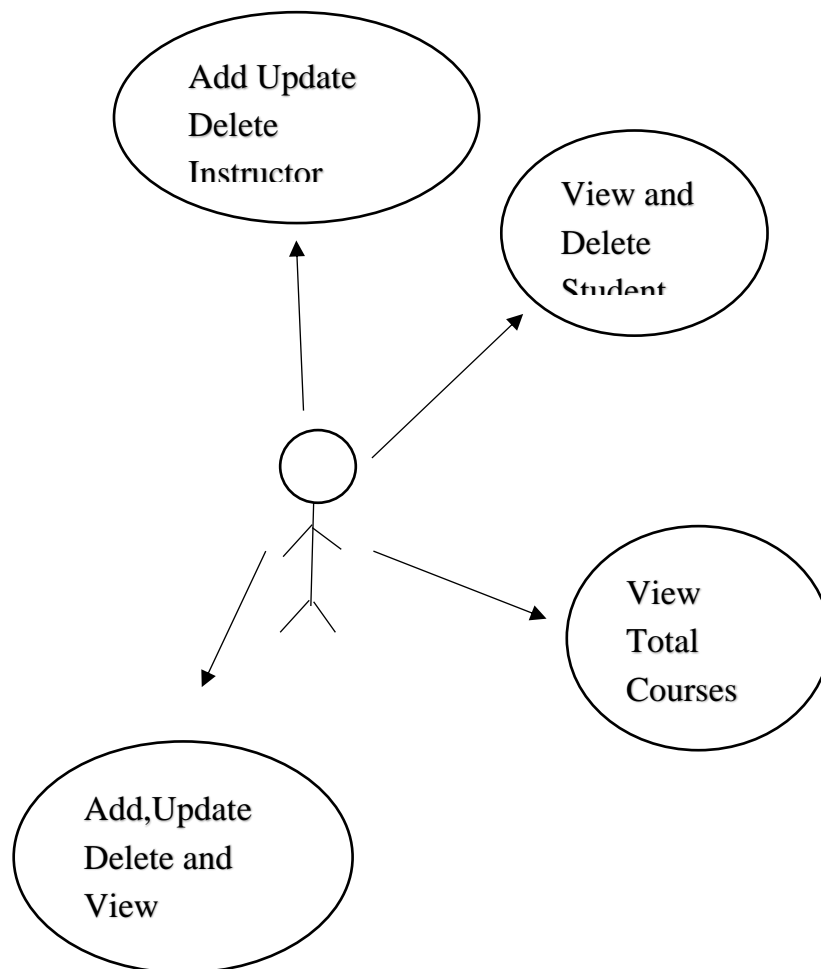


fig 2.8.2



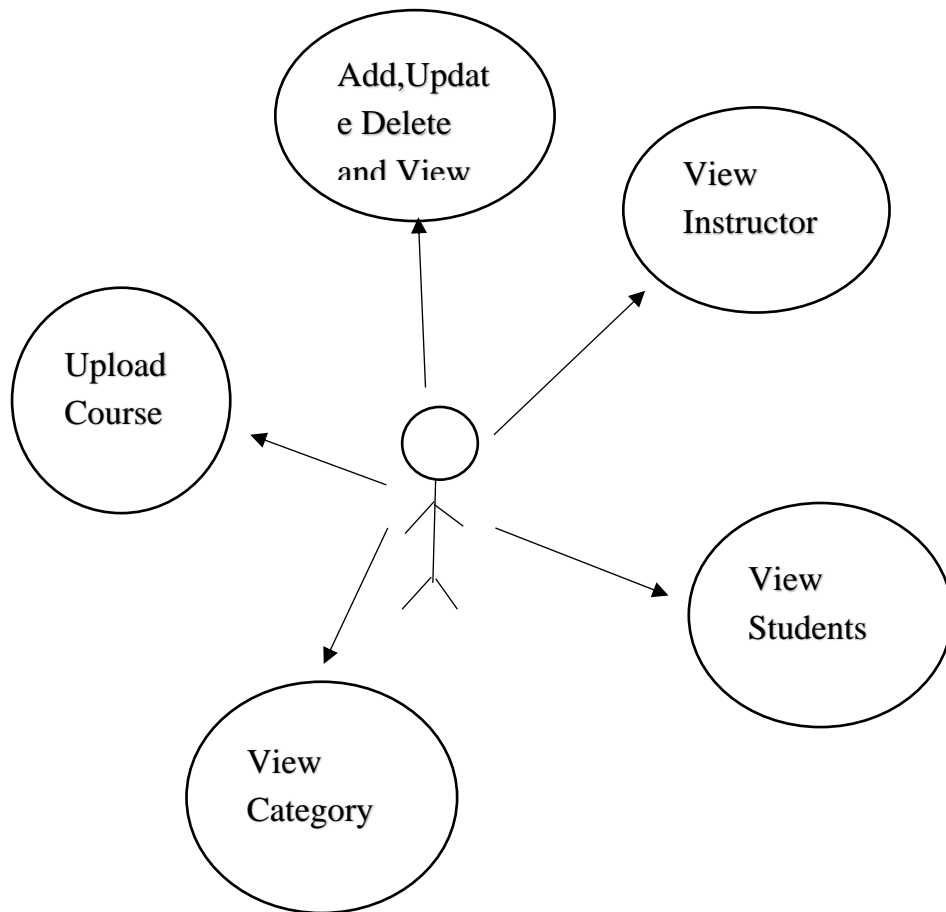


fig 2.8.3

# CHAPTER #3

## 3 BACKEND DESIGN

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### 3.1 BACKEND DESIGN

for backend design we have used MSSQL Server 2017 as there are three types of users of the web application  
ie

1. Admin
2. Instructor
3. Student

### 3.2 Database:

There is one single database used for the web application it saves information and facts for Web Application Android App, iOS App. And its name is EL\_Professora

## 3.3 Tables

### 3.3.1 Tbl\_Admin

This table is used to store information of the admin


	Column Name	Data Type	Allow Nulls
	AdminID	int	<input type="checkbox"/>
	AdminName	varchar(50)	<input checked="" type="checkbox"/>
	Email	varchar(50)	<input checked="" type="checkbox"/>
	Password	varchar(50)	<input checked="" type="checkbox"/>
	Mobile	varchar(50)	<input checked="" type="checkbox"/>
	Image	varchar(MAX)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.1

It has 6 Columns, and is used to store information of the Admin

1. AdminId: it is primary key and is auto incremental
2. AdminName: it stores name of the Admin
3. Email: IT stores Email of the Admin
4. Password: It Stores Password of the Admin
5. Mobile: It Stores Mobile Number of the Admin
6. Image: It stores Name of the image.

### 3.3.2 Tbl\_Users:


	Column Name	Data Type	Allow Nulls
	User_ID	int	<input type="checkbox"/>
	FirstName	varchar(50)	<input checked="" type="checkbox"/>
	LastName	varchar(50)	<input checked="" type="checkbox"/>
	Mobile	varchar(50)	<input checked="" type="checkbox"/>
	Gender	bit	<input checked="" type="checkbox"/>
	Address	varchar(100)	<input checked="" type="checkbox"/>
	Status	bit	<input checked="" type="checkbox"/>
	Email	varchar(50)	<input checked="" type="checkbox"/>
	Password	varchar(50)	<input checked="" type="checkbox"/>
	Picture	varchar(MAX)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.2

It has 10 columns and is used to store information of the students

1. User\_ID: it is primary key and is auto incremental
2. FirstName: it stores First name of the Student
3. LastName: it stores last name of the Student
4. Mobile: it stores Mobile Number of the Student
5. Gender: it stores Gender of the Student
6. Address: it stores Address of the Student
7. Status: it stores the current status of the student
8. Email: IT stores Email of the Student
9. Password: It Stores Password of the Student
10. Picture: It stores Name of the image.

### 3.3.3 Tbl\_Instructor:

	Column Name	Data Type	Allow Nulls
🔑	InstructorID	int	<input type="checkbox"/>
	FirstName	varchar(50)	<input checked="" type="checkbox"/>
	LastName	varchar(50)	<input checked="" type="checkbox"/>
	Email	varchar(50)	<input checked="" type="checkbox"/>
	Password	varchar(50)	<input checked="" type="checkbox"/>
	Mobile	varchar(50)	<input checked="" type="checkbox"/>
	Address	varchar(100)	<input checked="" type="checkbox"/>
	Education	varchar(50)	<input checked="" type="checkbox"/>
	DateOfBirth	date	<input checked="" type="checkbox"/>
	Status	bit	<input checked="" type="checkbox"/>
	Gender	bit	<input checked="" type="checkbox"/>
	DateOfJoin	date	<input checked="" type="checkbox"/>
	CNIC	varchar(50)	<input checked="" type="checkbox"/>
	Picture	varchar(MAX)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.3

It has 14 columns used to save information of the instructor

1. InstructorId: it is primary key and is auto incremental
2. FirstName: it stores First name of the Instructor
3. LastName: it stores last name of the Instructor
4. Email: IT stores Email of the Instructor
5. Password: It Stores Password of the Instructor
6. Mobile: it stores Mobile Number of the Instructor
7. Address: it stores Address of the Instructor
8. Education: it stores Eduction of the Instructor
9. DateOfBirth: it stores DOB of the Instructor
10. Status: it stores the current status of the Instructor
11. Gender: it stores Gender of the Instructor
12. DateOfJoin: it stores the info of joining date of the Instructor
13. CNIC: it stores the CNIC number of the Instructor
14. Picture: It stores Name of the image.

### 3.3.4 Tbl\_Category


	Column Name	Data Type	Allow Nulls
	CategoryID	int	<input type="checkbox"/>
	CategoryName	varchar(50)	<input checked="" type="checkbox"/>
	image	varchar(100)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.4

It has 3 columns and is used to store information about the course category

1. CategoryId: it is primary key and is auto incremental
2. CategoryName: it stores name of the Category
3. Image: It stores Name of the image.

### 3.3.5 Tbl\_Courses

	Column Name	Data Type	Allow Nulls
PK	CourseID	int	<input type="checkbox"/>
	CourseName	varchar(50)	<input checked="" type="checkbox"/>
	CategoryID	int	<input checked="" type="checkbox"/>
	Picture	varchar(MAX)	<input checked="" type="checkbox"/>
	InstructorID	int	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.5

It has 5 columns and is used to store information about the course

1. CourseId: it is primary key and is auto incremental
2. CourseName: it stores name of the Course
3. CategoryId: it stores the primary key of the category which is selected and act as a fk in this table
4. Picture: It stores Name of the image.
5. InstructorId: it stores the primary key of the Instructor which is selected and act as a fk in this table

### 3.3.6 Tbl\_AssignmentType:


	Column Name	Data Type	Allow Nulls
	AssignmentTypeId	int	<input type="checkbox"/>
	AssignmentType	varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.6

It has 2 columns and is used to store information about the Type of Uploads an Instructor Can.

1. AssignmnetTypeId: it is primary key and is auto incremental
2. AssignmentTypeName: it stores name of the Course



### 3.3.7 Tbl\_Assignment:


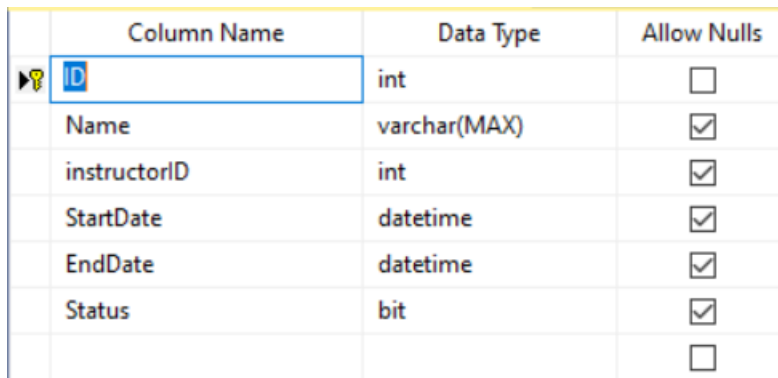
	Column Name	Data Type	Allow Nulls
	AssignmentId	int	<input type="checkbox"/>
	InstructorID	int	<input checked="" type="checkbox"/>
	CourseID	int	<input checked="" type="checkbox"/>
	UploadDate	datetime	<input checked="" type="checkbox"/>
	FileName	varchar(MAX)	<input checked="" type="checkbox"/>
	AssignmentTypeId	int	<input checked="" type="checkbox"/>
	AssignmentName	varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.7

It has 7 columns and is used to store information about the uploaded lectures and assignments

1. AssignmentId: it is primary key and is auto incremental
2. InstructorId: it stores the primary key of the Instructor which is selected and act as a fk in this table
3. CourseId: it stores the primary key of the Course which is selected and act as a fk in this table
4. UploadDate: it stores information of the Uploading Date
5. FileName: it stores name of the file which is being uploaded.
6. AssignmentTypeId: it stores the primary key of the AssignmentType which is selected and act as a fk in this table
7. AssignmentName: It stores Name of the lecture or assignment.

### 3.3.8 Tbl\_Announcements



	Column Name	Data Type	Allow Nulls
PK	ID	int	<input type="checkbox"/>
	Name	varchar(MAX)	<input checked="" type="checkbox"/>
	instructorID	int	<input checked="" type="checkbox"/>
	StartDate	datetime	<input checked="" type="checkbox"/>
	EndDate	datetime	<input checked="" type="checkbox"/>
	Status	bit	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.8

It has 6 columns and is used to store information about the announcements made by the instructors

1. ID: it is primary key and is auto incremental.
2. Name: It stores Name of the lecture or announcement.
3. InstructorId: it stores the primary key of the Instructor which is selected and act as a fk in this table
4. StartDate: it stores information of the start Date of the announcement.
5. StartDate: it stores information of the ending Date of the announcement.
6. Status: it stores the status of announcements.

### 3.3.9 Tbl\_Contact


	Column Name	Data Type	Allow Nulls
	ID	int	<input type="checkbox"/>
	Name	varchar(50)	<input checked="" type="checkbox"/>
	Email	varchar(50)	<input checked="" type="checkbox"/>
	Mobile	varchar(50)	<input checked="" type="checkbox"/>
	Message	varchar(MAX)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

fig 3.3.9

It has 5 columns and is used to store information about the contacts made by the user

1. ID: it is primary key and is auto incremental.
2. Name: It stores Name of the person who wants to contact.
3. Email: it stores the Email Address of the person who want to contact.
4. Mobile: it stores the mobile no of the person who want to contact
5. Message: it stores the Message of the person who want to contact/

### 3.4 ERD Entity Relationship Diagram:

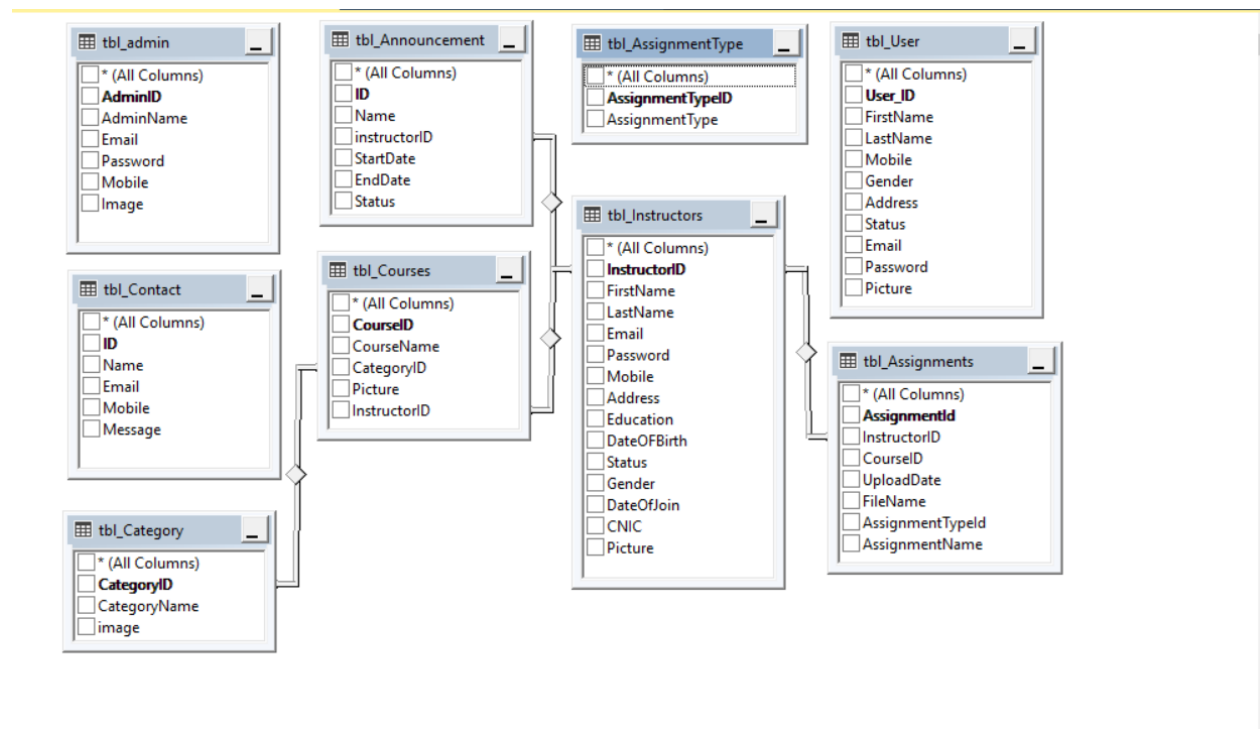


fig 3.4

# CHAPTER #4

## 4 Pages

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### 4.1 Admin:

#### 4.1.1 Login Desktop

This is login page for admin and instructor, if the user is admin and want to login to the system he has to click on the is admin checkbox he/she will be logged in as admin, If the user is an instructor he has to leave the checkbox unchecked and will be logged in as an instructor.

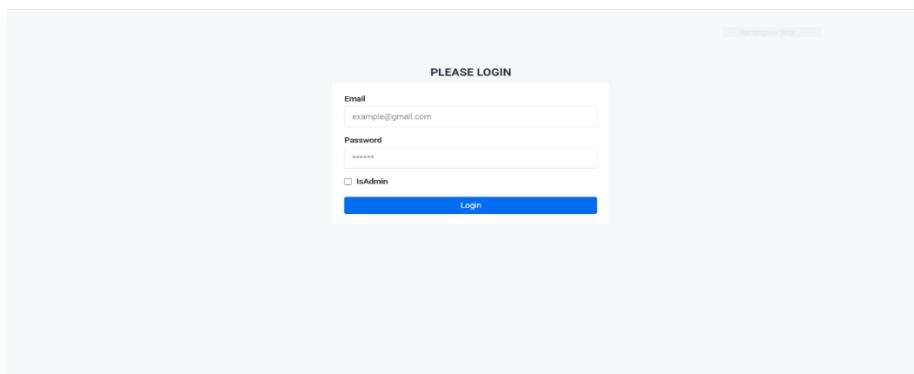
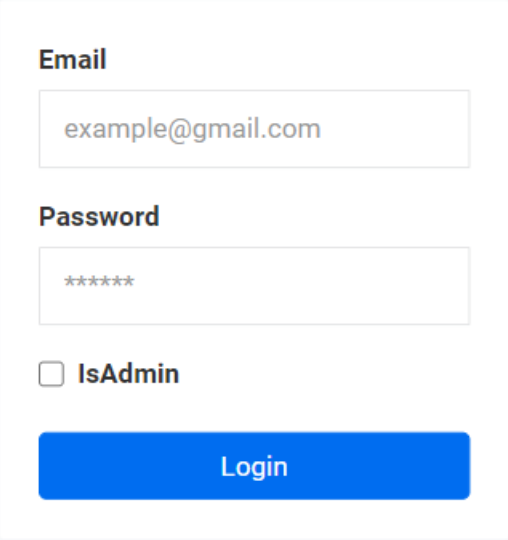
A screenshot of a web-based login form titled "PLEASE LOGIN". The form is centered on a light blue background. It contains two input fields: "Email" with the placeholder text "example@gmail.com" and "Password" with placeholder dots. Below these fields is a checkbox labeled "IsAdmin". At the bottom of the form is a blue button labeled "Login". In the top right corner of the page, there is a small, faint link that says "Forgot your password?".

fig 4.1.1

#### 4.1.2 Login Mobile

This is the mobile view of the login page for admin and instructor, it works the same way as the login page for desktop.



**PLEASE LOGIN**

**Email**

example@gmail.com

**Password**

\*\*\*\*\*

☐ **IsAdmin**

**Login**

fig 4.1.2

### 4.1.3 Add Instructor Desktop

From this page an admin can add instructor to the system, he has to fill the form with valid data and submit it, if the email cnic or mobile number is used before for registration of another instructor it won't register it, and there are certain validation checks used for mobile number cnic and date of birth, admin has to keep the same format shown in the place holder of the form.

The screenshot shows a desktop application interface for adding a new instructor. The top navigation bar is blue with white text for 'Home', 'Upload Lecture', 'My Uploads', 'Make Announcement', and 'My Students'. The user's name 'Ziaullah' is displayed on the right. On the left, there is a sidebar with icons for 'Instructors', 'Students', and 'Courses'. The main content area is titled 'Add Instructor' and contains a form with the following fields:

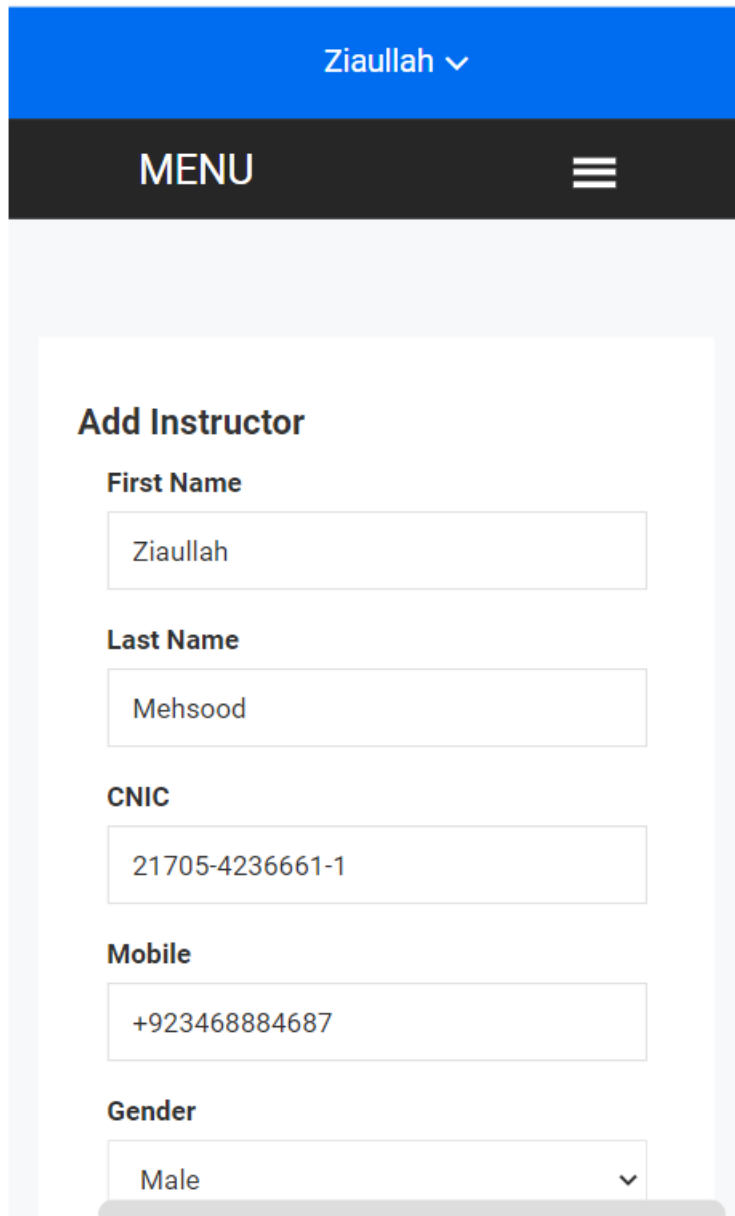
Field	Value
First Name	Ziaullah
Last Name	Mehsood
CNIC	21705-4236661-1
Mobile	+923468884687
Gender	Male
Date Of Birth	1/1/1998
Education	BSCS
Profile Picture	Choose File pro.jpg
Email	iamziaullah1@gmail.com
Date Of Joining	11/10/2020
Status	Available
Address	Arra Road Iqbal Town Dera Ismail Khan

An 'Add Instructor' button is located at the bottom right of the form.

fig 4.1.3

#### 4.1.4 Add Instructor Mobile

This is mobile/responsive view of the Add Instructor page, the responsiveness was achieved by using bootstrap, not to forget the validation checks of the form, admin has to add all the data including picture of the instructor for better user experience.



The image shows a mobile application interface for adding an instructor. At the top, there is a blue header bar with the text 'Ziaullah' and a downward arrow. Below this is a black navigation bar with the word 'MENU' and a hamburger menu icon. The main content area is a light gray box with the title 'Add Instructor'. It contains five form fields: 'First Name' with the value 'Ziaullah', 'Last Name' with the value 'Mehsood', 'CNIC' with the value '21705-4236661-1', 'Mobile' with the value '+923468884687', and 'Gender' with a dropdown menu showing 'Male' and a downward arrow.

**Ziaullah** ▼

**MENU** ☰

**Add Instructor**

**First Name**  
Ziaullah

**Last Name**  
Mehsood

**CNIC**  
21705-4236661-1

**Mobile**  
+923468884687

**Gender**  
Male ▼

fig 4.1.4



#### 4.1.5 View All Instructors Desktop:

This page is used to show all the instructors added in the system, admin can edit or delete instructors from this page as well. The table shown in the page is build using jquery and can sort the data inside the table in real time, without hitting the postback. The same table can generate the report of all the teachers registered in our system.

The screenshot displays the 'All Instructors' page in a web application. The sidebar on the left contains icons for 'Instructors', 'Students', and 'Courses'. The main content area features a table with the following columns: Profile, Full Name, CNIC, Mobile, Gender, Date Of Joining, Status, and Action(s). The table lists two instructors: Ziaullah MEhsood and Rizwan khan. The table also includes a search bar and export options at the top.

Profile	Full Name	CNIC	Mobile	Gender	Date Of Joining	Status	Action(s)
	Ziaullah MEhsood	21705-4236661-1	+923468884687	Male	11/10/2020	Available	
	Rizwan khan	22601-5631736-7	+92332-6869433	Male	10/10/2020	Available	

Showing 1 to 2 of 2 rows

fig 4.1.5

#### 4.1.6 View All Instructor Mobile:

This is the mobile of View all instructor. This page is also responsive and an admin can see all the register instructor from his/her mobile with good user experience. He/she can generate report from mobile view as well.

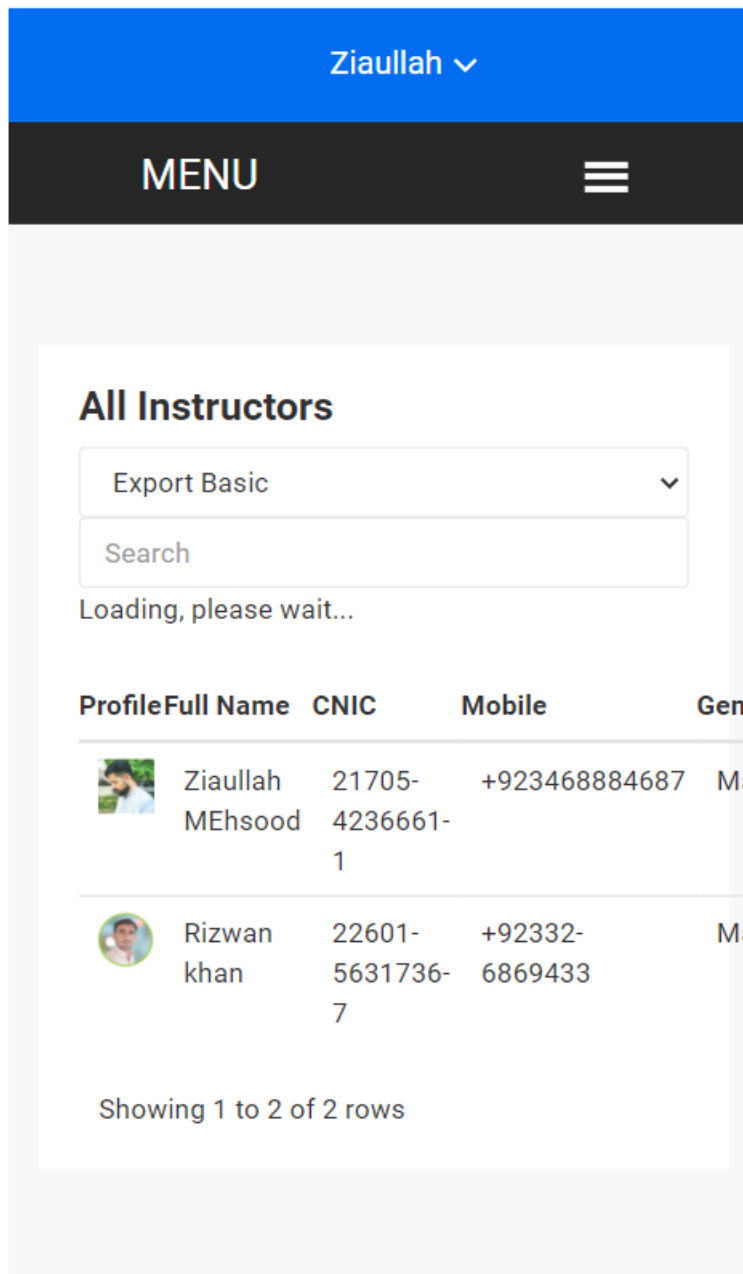


fig 4.1.6

#### 4.1.7 View All Students Desktop

This page shows all the registered students, their detailed information as well, instructors too can see their students from the same page. The search and sort option is handled by jQuery and it works in real time.


Profile	Full Name	Mobile	Email	Gender	Address
	Rizwan Khan	03326869433	rbtn23787@gmail.com	Male	back side qurtuba university dera ismail Khan

fig 4.1.7

#### 4.1.8 View All Students Mobile

This snapshot is the mobile ui of the View All Student page, an instructor or admin can see all the registered students on his/her mobile phone or tablet.

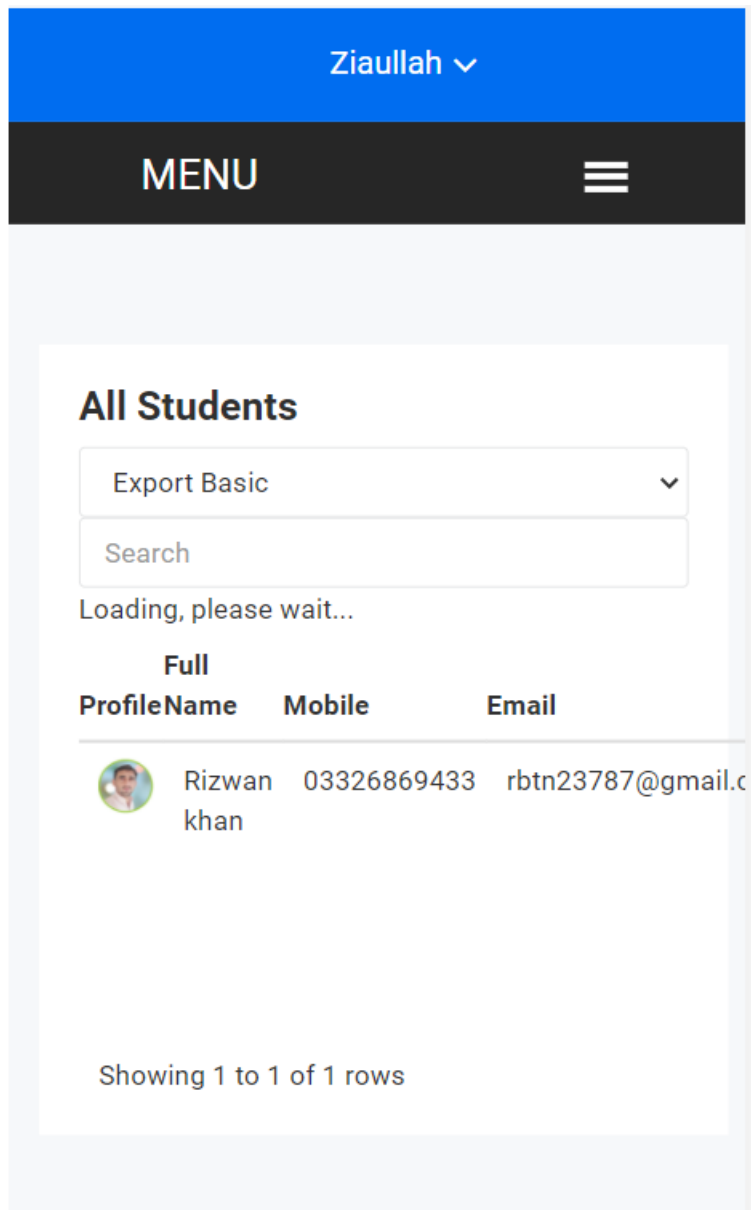


fig 4.1.8

#### 4.1.9 Course Category Desktop:

This page is only accessible to admins. Admin can add different course categories from this page, they can also edit or delete course categories from this page.

**Add Course Category**

Category Name:

Image:  No file chosen

**All Categories**

Export Basic Loading, please wait... Search

Category Name	Action(s)
IT & Softwares	<input type="button" value="X"/> <input type="button" value="Pencil"/>
Graphic Designing	<input type="button" value="X"/> <input type="button" value="Pencil"/>
Engineering	<input type="button" value="X"/> <input type="button" value="Pencil"/>
Medical	<input type="button" value="X"/> <input type="button" value="Pencil"/>

Showing 1 to 4 of 4 rows

fig 4.1.9

#### 4.1.10 Course Category Mobile

In the below screenshot, a mobile view of the add course category page is shown, as you can see a good user interface with proper padding and margins with good height, it makes it easy for admin to add Course Categories from their mobile phone and can edit and delete these course categories

**Add Course Category**

**Category Name**

Enter Category Name

**Image**

Choose File No file chosen

**Add Category**

**All Categories**

Export Basic

Search

Loading, please wait...





Category Name	Action(s)
IT & Softwares	   
Graphic Designing	   

fig 4.1.10

## 4.2 User Side

As the Admin side and user side has a different UI for better U/X, lets explore the userside of the EL Professora

### 4.2.1 Index Page

This is the index page of the EL Professora this page is designed using HTML CSS Bootstrap JS and jquery, in the main index page the students can log in as well as the user can see featured course categories, when user will click on the category the page will be redirected to another page called Courses and user will be able to see all the courses of the category which he clicked.

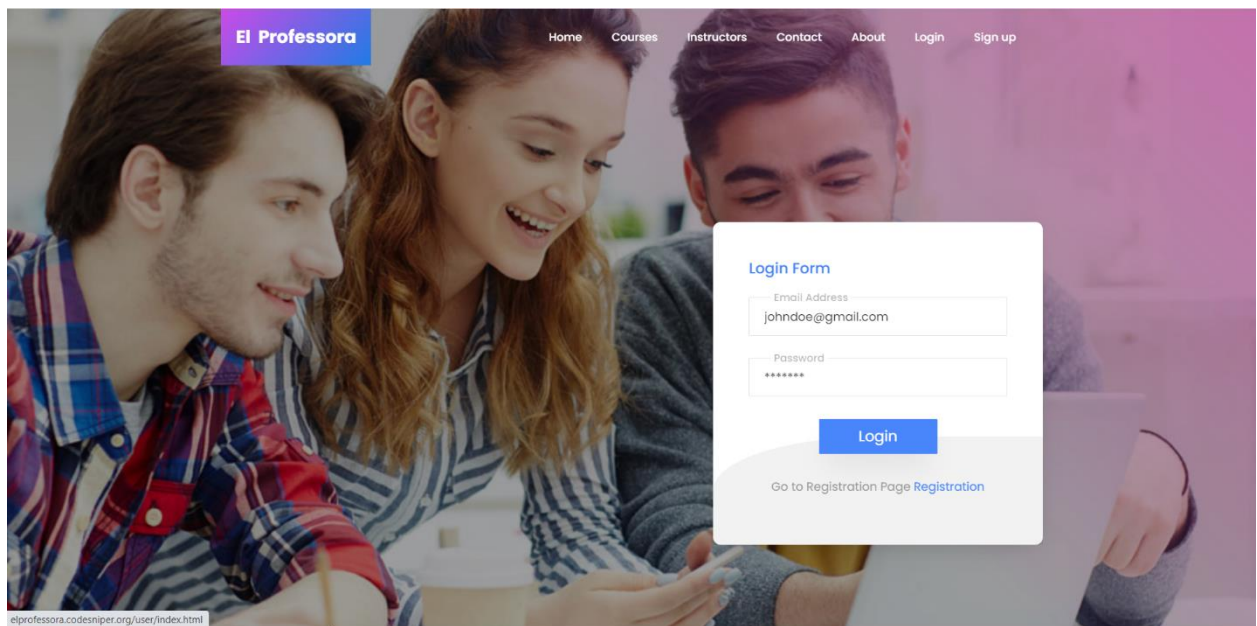


fig 4.2.1

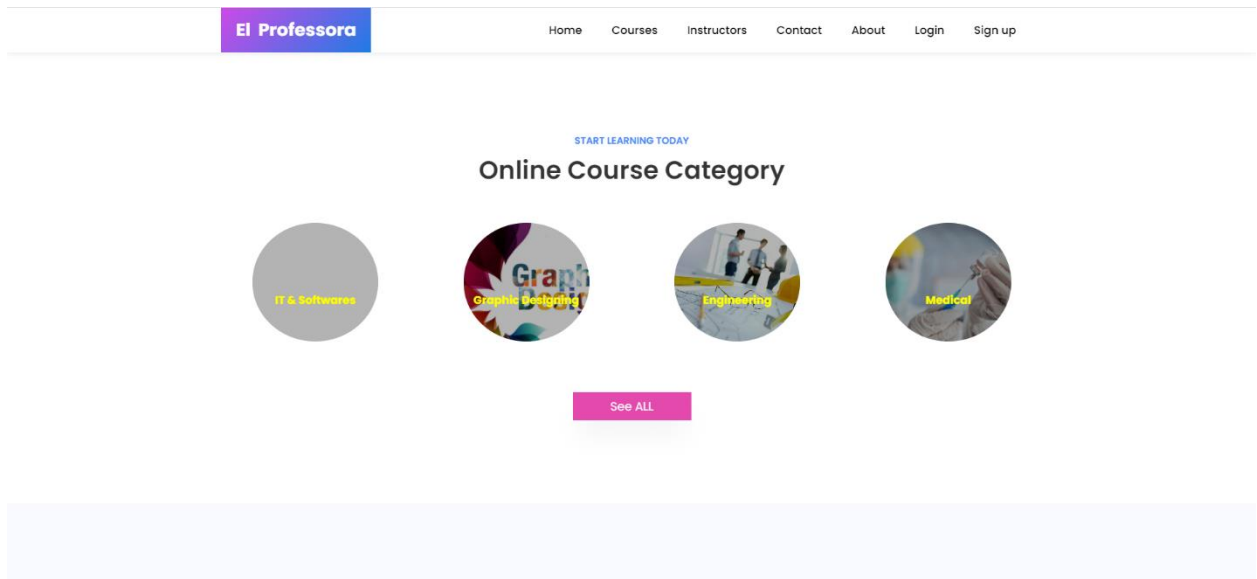


fig 4.2.2

On the same index page there is another section of the featured course, when user click on a specific course it will redirect it to a page name ViewCourse, this page will show him/her all the lectures of the course which he/she clicked.

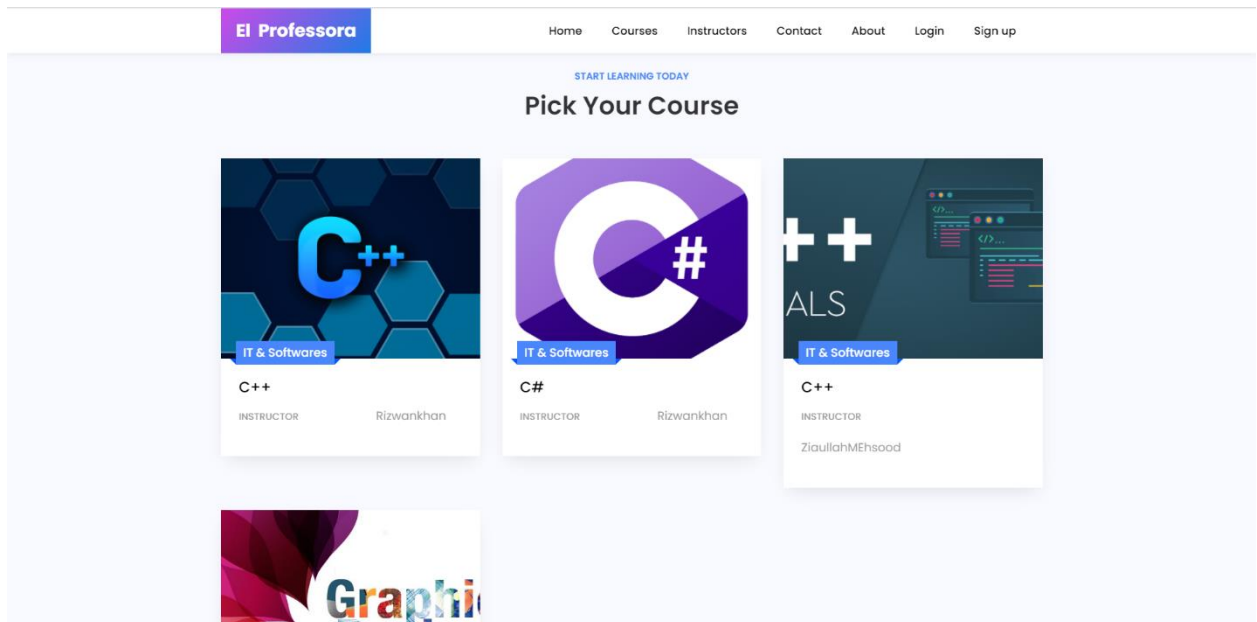


fig 4.2.3



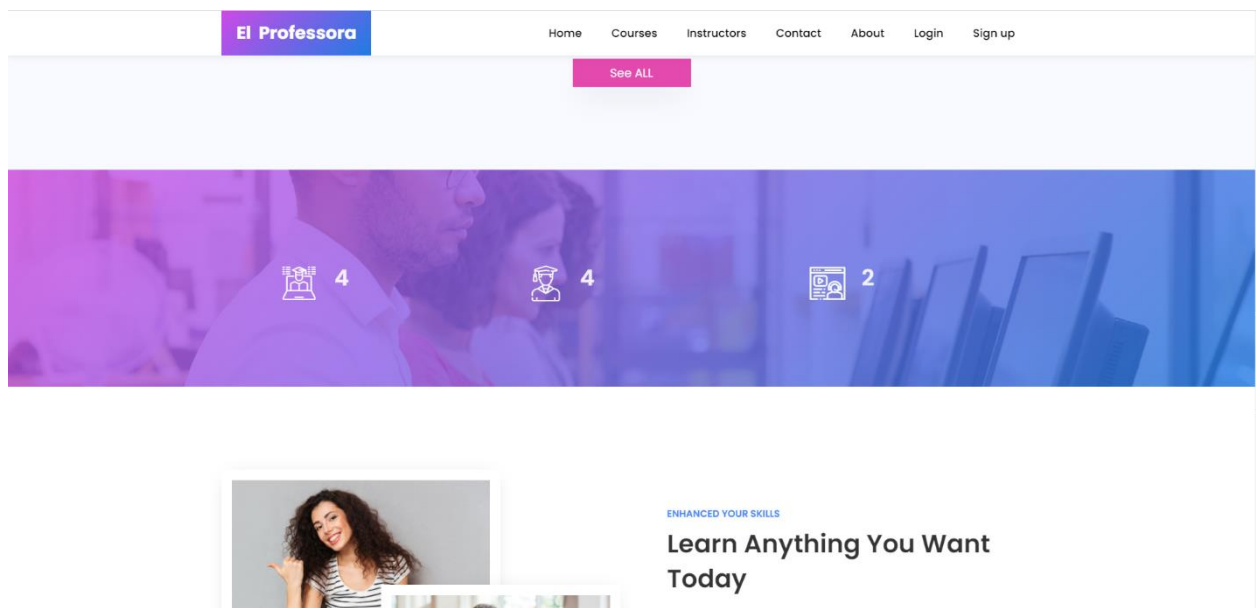


fig 4.2.4

#### 4.2.2 Index Page Mobile

As for responsiveness, we have used bootstrap throughout the project, we have achieved a good responsiveness in the menu of the site, a user can clearly see what is there in the menu and sections are separated in accordance of the importance of the section using bootstrap, as mobile phones and tablets have a small viewport width and height we have shown important links and data on top in the mobile view.

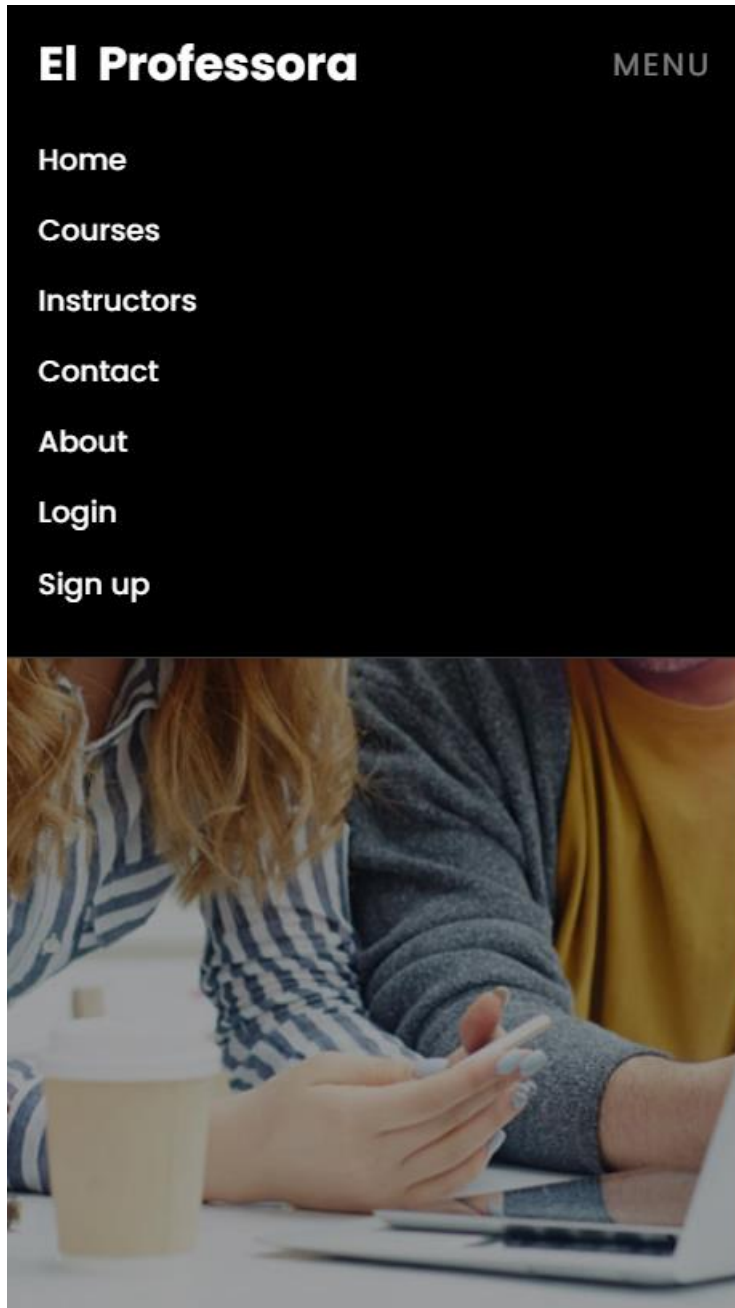
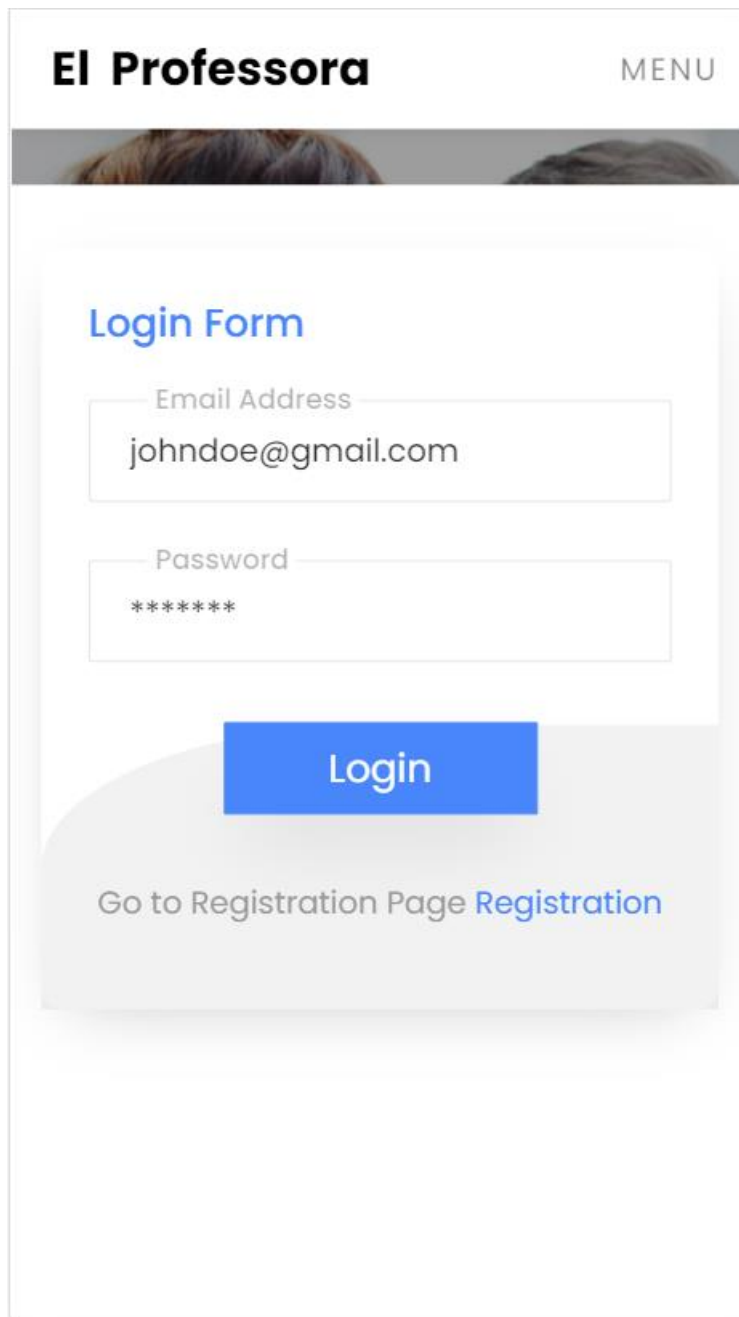


fig 4.2.2.1

As we just discussed how we separated different sections of the page, in our eyes the most important section of the page was login, the first section user will find on the index page in mobile view is login user can login using the credentials which he used during signup. If the user is new he/she can go to register page using the link of registration



The image shows a mobile view of a login form. At the top, there is a header with the text "El Professora" on the left and "MENU" on the right. Below the header is a horizontal image showing the back of two people's heads. The main content area is a light gray rounded rectangle. Inside, the title "Login Form" is in blue. Below it are two input fields: "Email Address" with the value "johndoe@gmail.com" and "Password" with the value "\*\*\*\*\*". A blue "Login" button is centered below the fields. At the bottom of the form area, it says "Go to Registration Page" followed by a blue link "Registration".

fig 4.2.2.2

Then comes the next section which is Course Category, user can find it easily on mobile view just below the signin section. The images in background is used to give better idea of what is the category of the course and when I click it what will I expect.



fig 4.2.2.3

The next section is of courses in this section a good information of featured courses is presented with a good ui and ux. The student can see name of the course category of the course and name of the instructor, when he click on a specific course he will be shown all the lectures of the course.

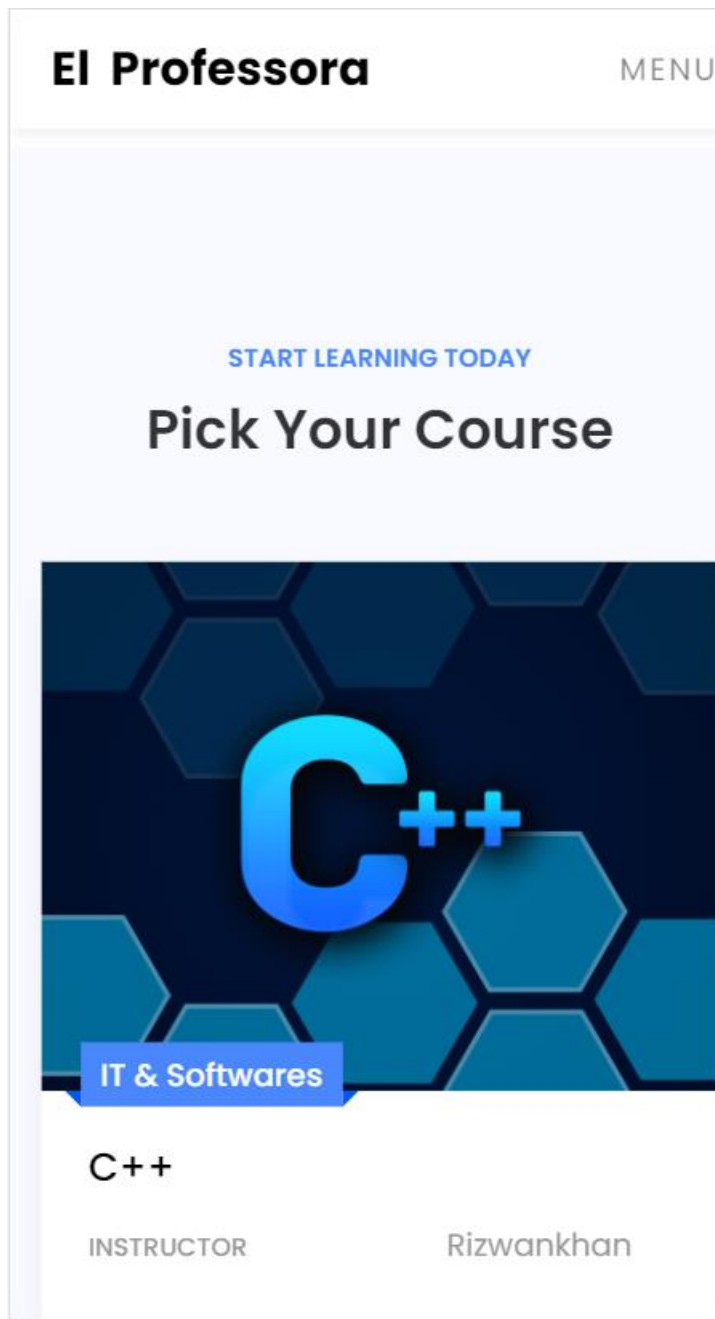


fig 4.2.2.4

In this section we have shown the count of all courses that are uploaded, instructors that are currently teaching and the students enrolled.

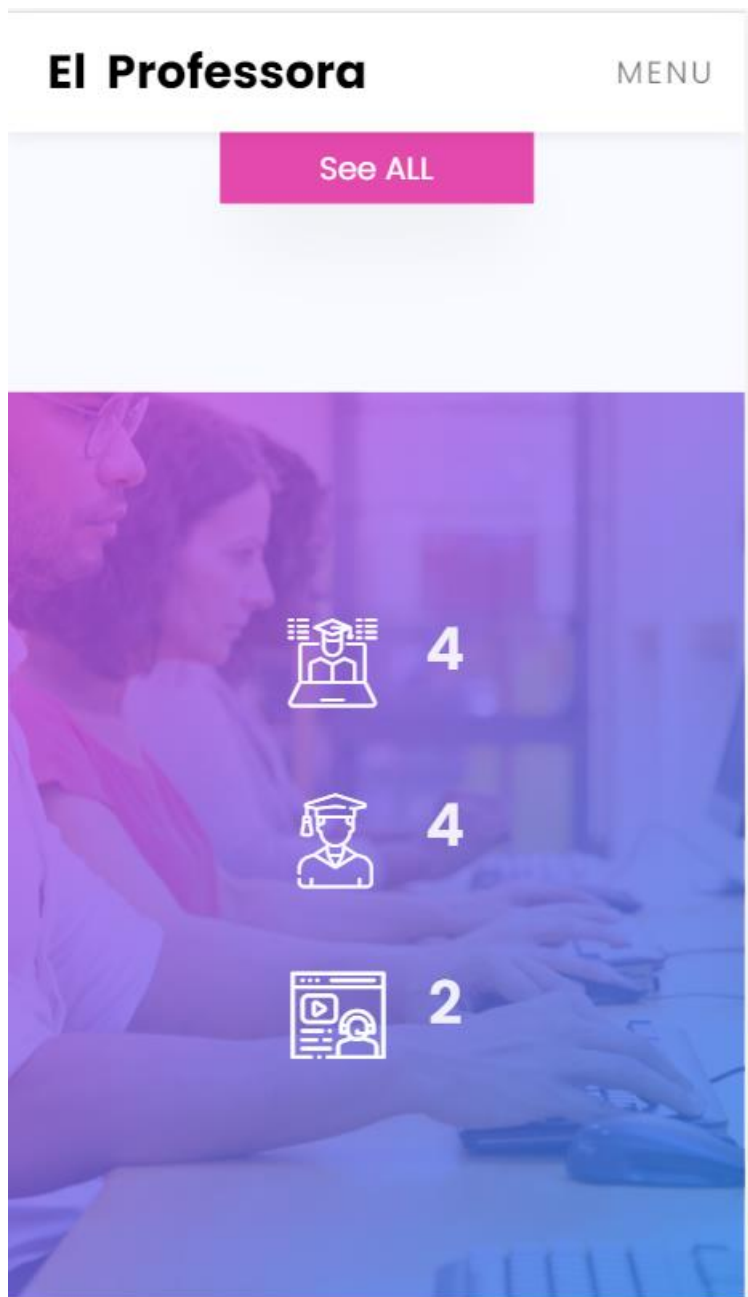


fig 4.2.2.5

### 4.2.3 User Signup Desktop

This snapshot is of user or student signup page from this page a user can signup. The form is properly validated he/she has to enter valid information to get registered. If a student has already used an email or phone number to register he won't be able to use it for another signup.

The screenshot displays the 'El Professora' website's user registration interface. The header includes the site name 'El Professora' and navigation links: Home, Courses, Instructors, Contact, About, Login, and Sign up. The registration form, titled 'Register Now', is a white card with the following fields:

- First Name**: Text input field.
- Last Name**: Text input field.
- Email Address**: Text input field with the placeholder 'example@gmail.com'.
- Password**: Text input field with masked characters (\*\*\*\*\*).
- Confirm Password**: Text input field with masked characters (\*\*\*\*\*).
- Gender**: A dropdown menu with the placeholder '--Select Gender--'.
- Mobile**: Text input field with the placeholder '+92xxx-xxxxxx'.
- Address**: Text input field.
- File Upload**: A button labeled 'Choose File' next to the text 'No file chosen'.

A blue 'Register' button is positioned at the bottom center of the form.

fig 4.2.3

#### 4.2.4 User Signup Mobile

These two snapshots are of the user signup page, on mobile view the user can signup from his/her mobile phone or tablet as well.



fig 4.2.4.1

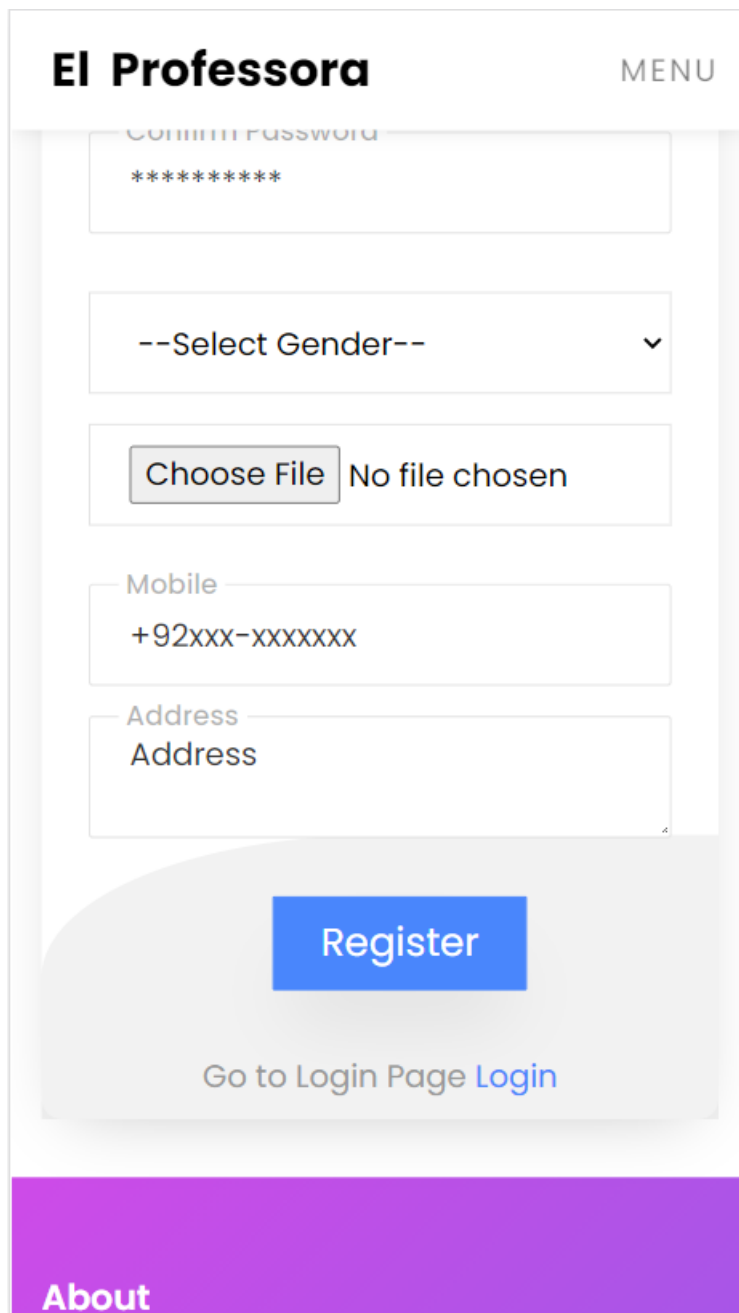


The validation rules are properly implemented here too on mobile view. The user has to enter proper validated data for concurrency of the database rules.

The image shows a mobile application interface for a registration form. At the top, there is a header with the text "El Professora" on the left and "MENU" on the right. Below the header, the main content area is titled "Register Now" in blue. The form consists of several input fields: "First Name" with the placeholder text "First Name", "Last Name" with the placeholder text "Last Name", "Email Address" with the placeholder text "example@gmail.com", "Password" with the placeholder text "\*\*\*\*\*", and "Confirm Password" with the placeholder text "\*\*\*\*\*". Below these fields is a dropdown menu for "Gender" with the placeholder text "--Select Gender--" and a downward arrow. At the bottom, there is a file upload section with a button labeled "Choose File" and the text "No file chosen".

fig 4.2.4.2

If the user is already registered he can go to the sign in section using the sign in link shown on the page.



The image shows a registration form for 'El Professora'. The form is contained within a light gray box with a subtle drop shadow. At the top left of the box is the text 'El Professora' in bold, and at the top right is a 'MENU' link. The form fields are arranged vertically: a password field with a placeholder '\*\*\*\*\*', a gender selection dropdown menu showing '--Select Gender--', a file upload section with a 'Choose File' button and the text 'No file chosen', a mobile number field with a placeholder '+92xxx-xxxxxxx', and an address field with a placeholder 'Address'. Below these fields is a large blue 'Register' button. Underneath the button is a link that says 'Go to Login Page Login'. At the bottom of the entire page is a solid purple bar with the word 'About' in white text.

**El Professora** MENU

\*\*\*\*\*

--Select Gender--

Choose File No file chosen

Mobile  
+92xxx-xxxxxxx

Address  
Address

**Register**

Go to Login Page [Login](#)

**About**

fig 4.2.4.3

#### 4.2.5 Instructors Desktop:

On this page a student can see all the instructors and can easily get all the courses offered by that instructor just by clicking the name of the instructor he/she will be redirected to the courses page and there he will be shown all the course of the instructor which he clicked.

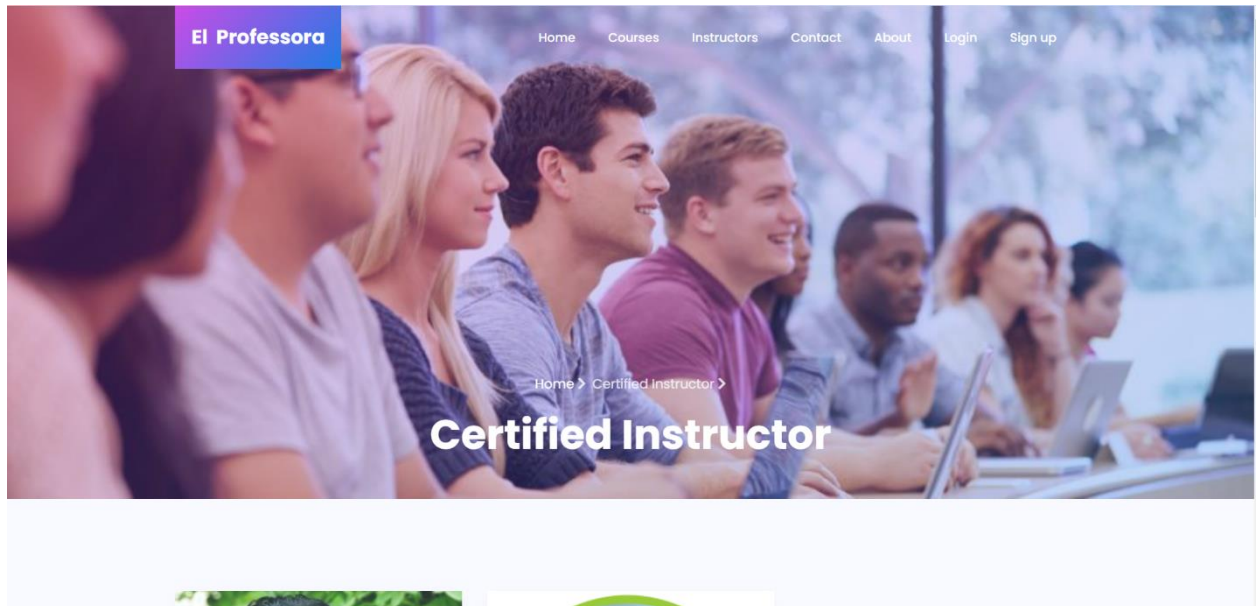


fig 4.2.5.1

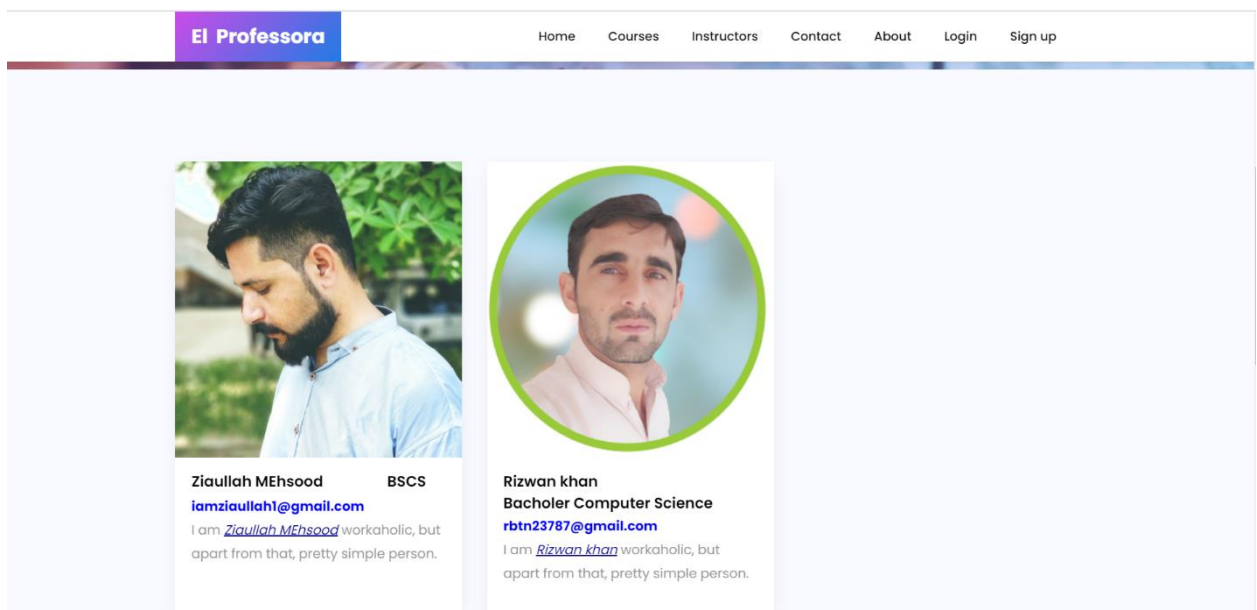


fig 4.2.5.2

#### 4.2.6 Instructors Mobile

This is the mobile view of the instructors page of the user side, as most of the students use tablets and mobile to access the web we have shown the instructors on the page with proper information, the users can click on the instructor and get all of his/her courses.



fig 4.2.6.1

As in the below page email of the instructor is shown with its picture, the user can contact him by email. As well as can click on his name to get all the course of that instructor.

**LE PROFESSOR**




**Ziaullah MEhsood**      **BSCS**  
[iamziaullah1@gmail.com](mailto:iamziaullah1@gmail.com)  
I am [Ziaullah MEhsood](#) workaholic, but  
apart from that, pretty simple person.

fig 4.2.6.2

In the bottom of the section a pagination is used to see different instructors. So that users can see all the instructors register on EL Professora.

## El Professora

MENU



**Rizwan khan**  
**Bachelor Computer Science**  
[rbtn23787@gmail.com](mailto:rbtn23787@gmail.com)  
I am [Rizwan khan](#) workaholic, but  
apart from that, pretty simple person.

<12345>

fig 4.2.6.3



#### 4.2.7 Courses

This page shows all the courses EL Professora offers. User can filter the courses using instructors, category or type of the courses. These filters help them find their desired course easily. By clicking the course it will redirect user to another page and will show them all the lectures of the courses.

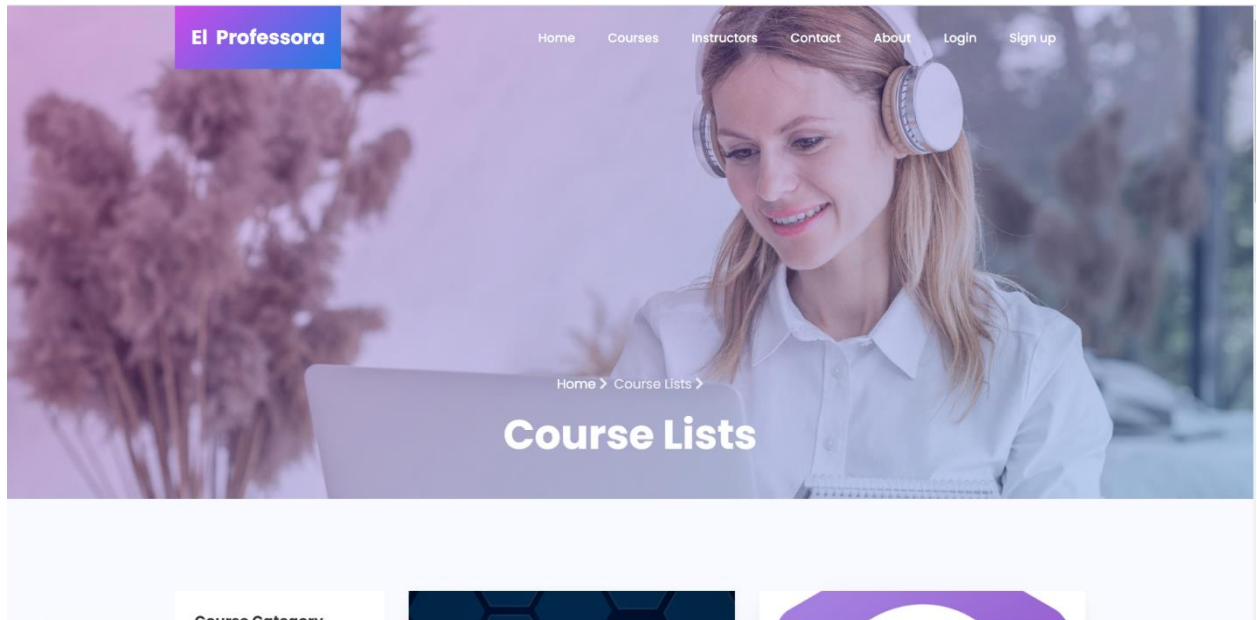


fig 4.2.7.1

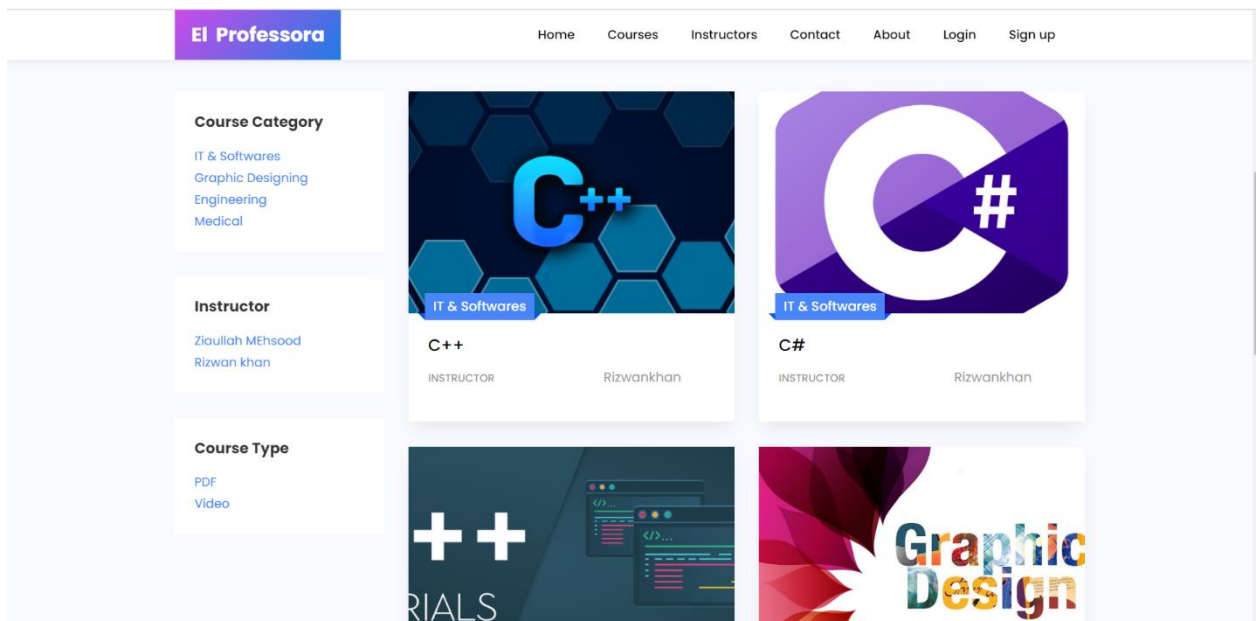


fig 4.2.7.2

#### 4.2.8 Courses Mobile

This is mobile view of the courses EL Professora is Offering. For better user experience we have used the concepts of bootstrap to divide the page into sections. So that user can navigate and find courses easily.



fig 4.2.8.1



In the first section we have shown the category of the courses so that he/she would be able to find the desired course for their's choice of field of study. User can navigated through different categories and can filter the courses by clicking the filter items.

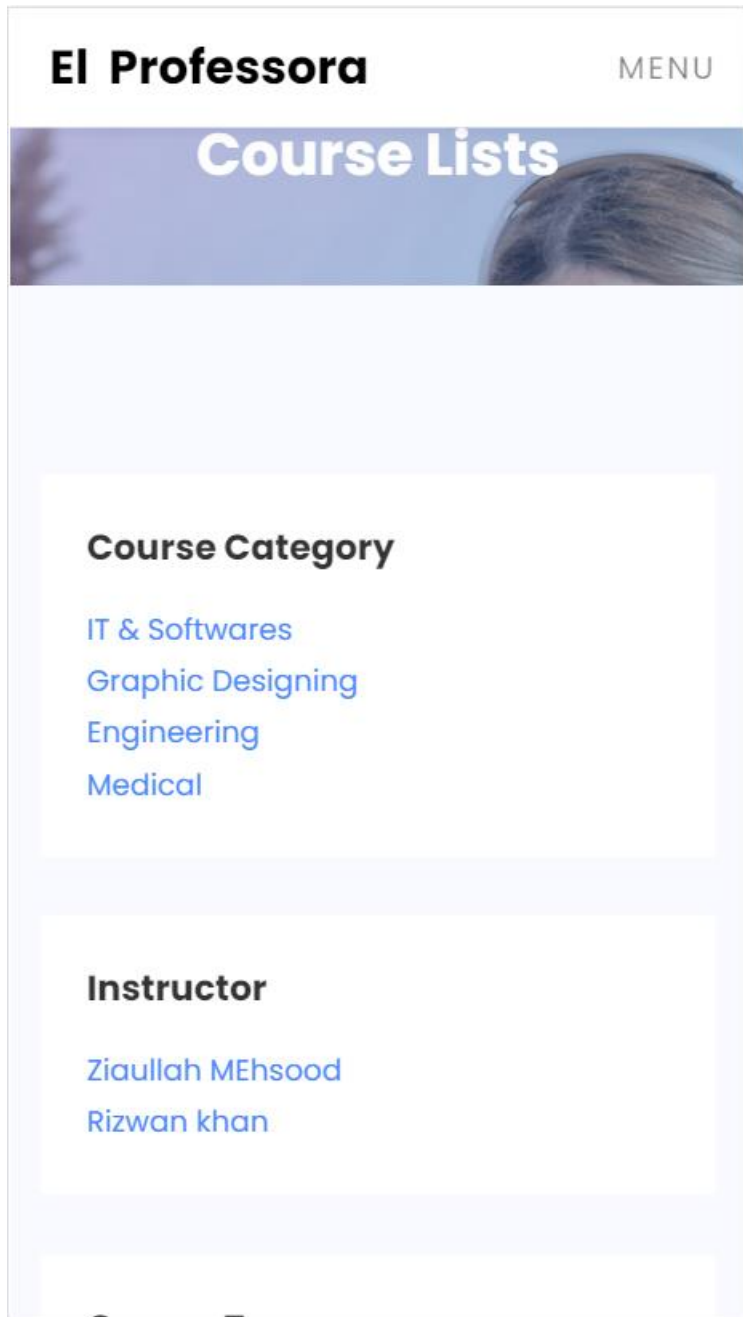


fig 4.2.8.2

When the user uses the filters, and click on the desired category or favorite instructor. He will be shown all the courses in accordance to the filter he has used.

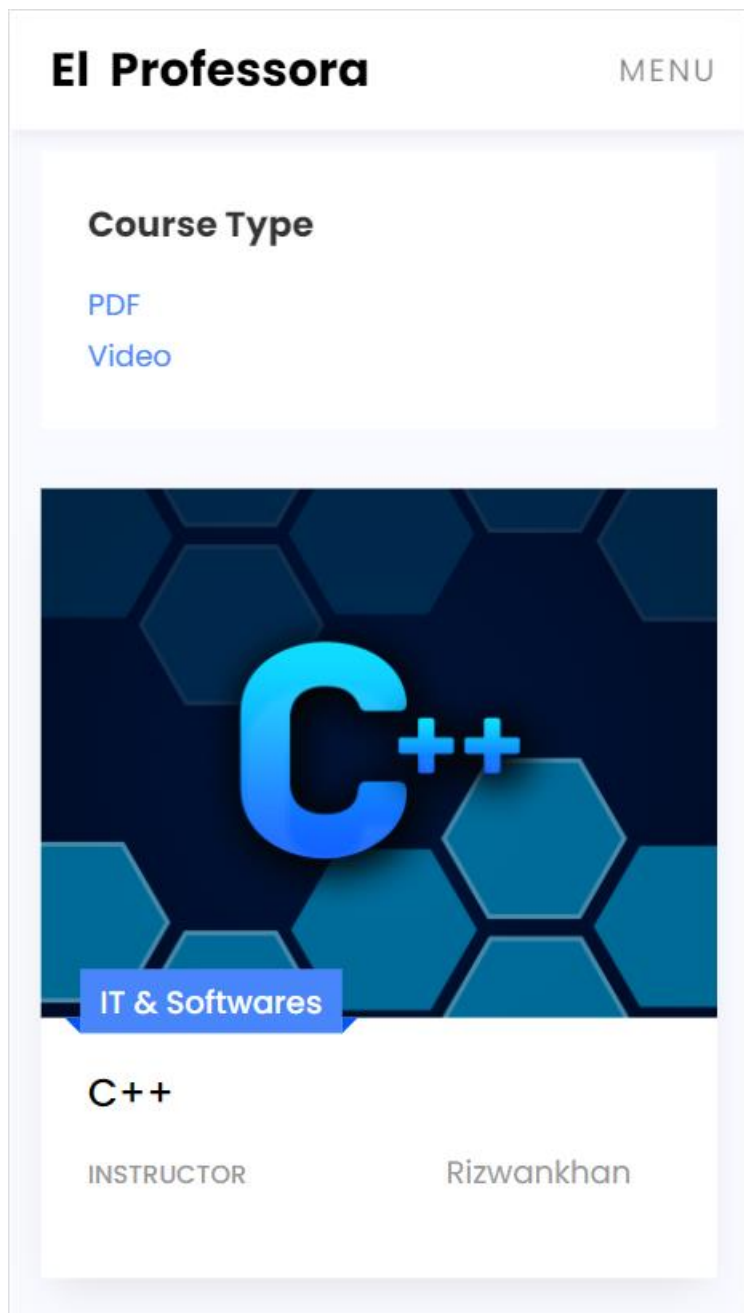


fig 4.2.8.3

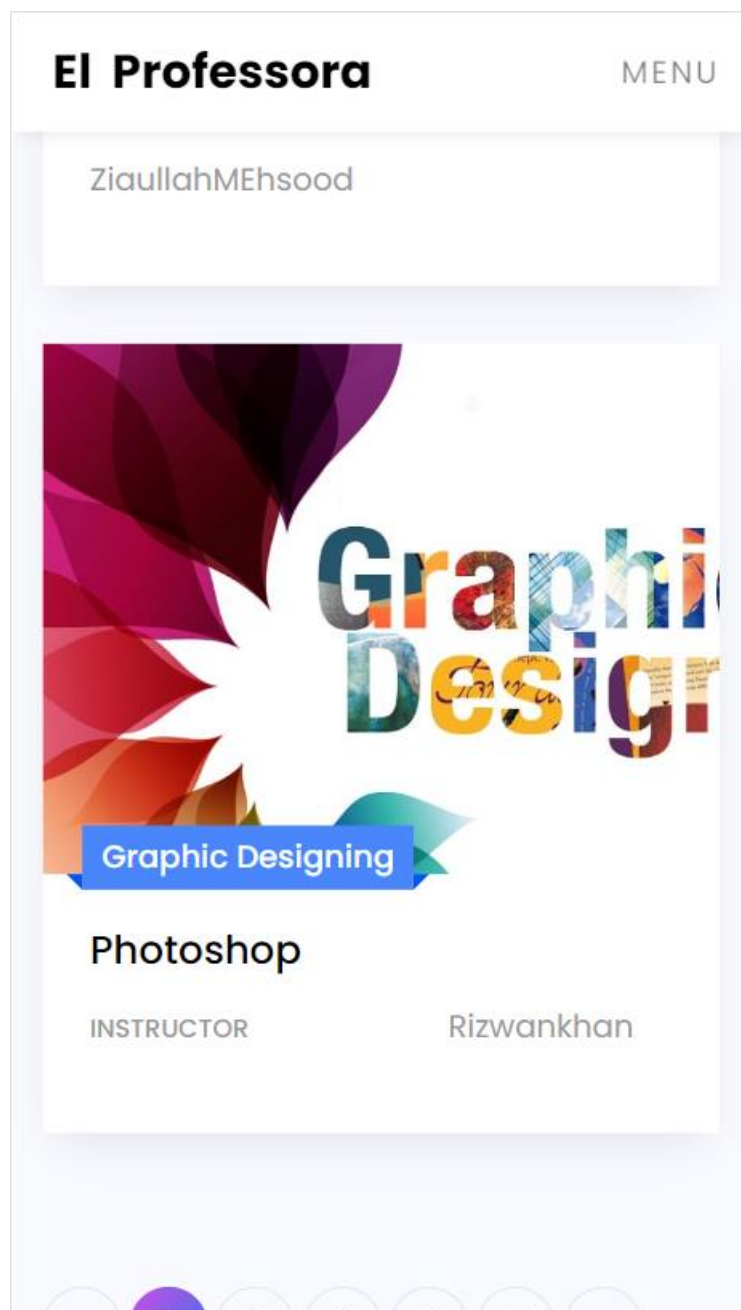


fig 4.2.8.4

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