



**Al Imam Mohammad Ibn Saud Islamic University**  
**College of Computer and Information Sciences**  
**Information Technology Department**

<b>Course Title:</b>	Web Systems
<b>Course Code:</b>	IT 390
<b>Course Instructor:</b>	Dr. Amir Mohamed Talib, Dr. Mohamed Fazil & T. Asma Alrajeh
<b>Assessment:</b>	Project
<b>Semester:</b>	First 2025
<b>Du e date</b>	Tuesday 15/10/2024 - 12/4/1446 @ 11:59PM
<b>M arks:</b>	20

Student Name	Student ID	Section No
Layan Fahad Almeheimidy		372
Jady Nasser Al-Nasser		372
Lama Abdulrahman Alqashami		372
Yara Badr Alshbrami		372
Laym Fahad Alghimlas		372
Yara Eid Alhawiti		372

Official Use Only		
Question	Student Marks	Question Marks
Phase 1		3
Phase 2		5
Phase 3		7
Presentation		5
<b>Total</b>		<b>20</b>



## KnowNow E-learning platform

### **Type of directory:**

Online Tutoring Platforms domain

### **The goal of our website:**

The primary goals of e-learning platforms are to provide accessible, effective, and engaging learning experiences. By leveraging technology, these platforms aim to enhance knowledge acquisition, improve learning outcomes, and support various educational needs. This is achieved through features like interactive content, personalized learning paths, and flexible learning schedules.

### **The audience:**

- Students
- Lifelong learners
- Professionals
- Individuals

### **Our Values:**

- **Accessibility:**  
We believe that education should be accessible to everyone, regardless of their location, background, or learning ability. Our platform is designed to eliminate barriers to learning, providing equal opportunities for all learners.
- **Quality:**  
We are committed to delivering high-quality educational content and resources. Our courses are developed by experienced educators and industry professionals, ensuring that learners receive accurate and relevant information.
- **Support:**  
We value the importance of support in the learning process. Our dedicated team is available to assist learners with any questions or challenges they may face, fostering a supportive community.
- **Integrity:**  
We uphold the highest standards of integrity and ethics in all our operations. We are dedicated to creating a trustworthy environment where learners can feel safe and secure in their educational journey.



## **Website requirement:**

### **1- Functionalities requirements:**

- **Interactive Content:** Provide engaging content, such as videos, presentations, quizzes, and simulations.
- **Quizzes and Assessments:** Evaluate learners' understanding and progress.
- **Gradebooks:** Track student performance and provide feedback.
- **Analytics:** Gather data on learner behavior and identify areas for improvement.

### **2- Non-functional requirements:**

These non-functional requirements are essential for ensuring a high-quality user experience, system reliability, and data security, all of which contribute to the overall effectiveness and success of the website.

#### **1. Usability:**

- Create a user-friendly interface featuring intuitive navigation, clear labeling, and a consistent layout to enhance the overall user experience.
- Ensure the website is accessible to all customers, adhering to recognized accessibility standards to accommodate users with diverse needs.

#### **2. Availability:**

- Guarantee high availability of the website by minimizing downtime through the implementation of redundancy and failover mechanisms.
- Ensure that the website supports all major web browsers, providing a seamless experience across different platforms.

#### **3. Security:**

- The website must safeguard customer and admin data against unauthorized access and breaches.
- Implement strong encryption protocols to protect sensitive customer and admin information during transmission and storage.

#### **4. Reliability:**

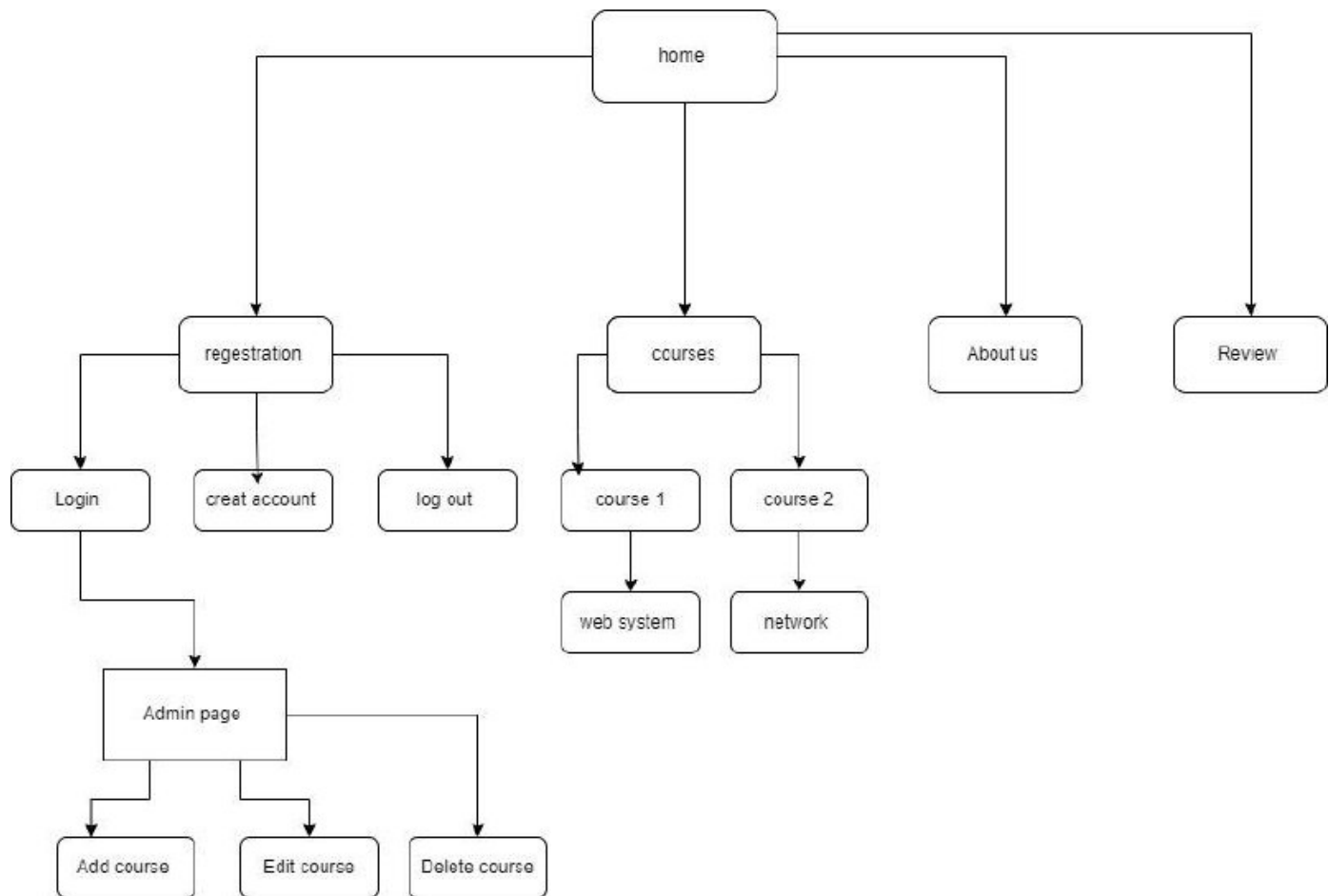
- The website should effectively manage and handle errors, providing informative feedback to users when issues arise.
- Implement a robust recovery method to restore the website to normal functioning in the event of a failure.

#### **5. Performance:**

- Ensure that the website delivers fast response times, optimizing database queries and overall system performance to enhance user satisfaction.



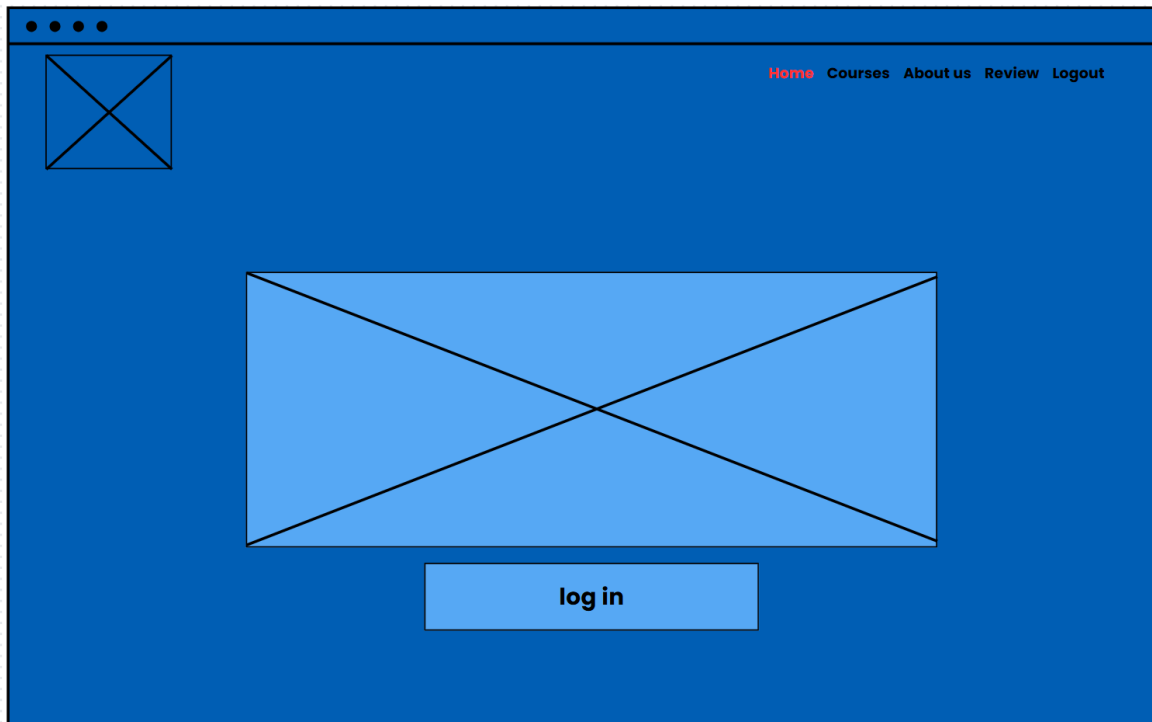
## Site map:





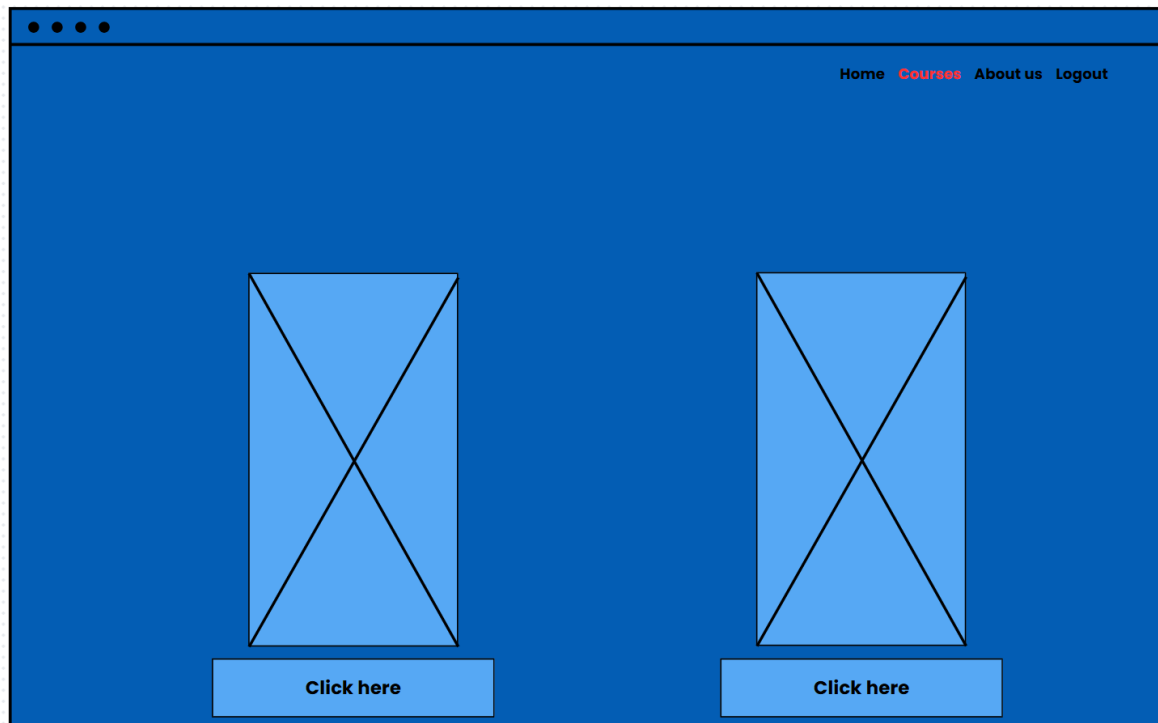
## Wireframes Sketch pages (using Canva wireframe):

1- Home page:

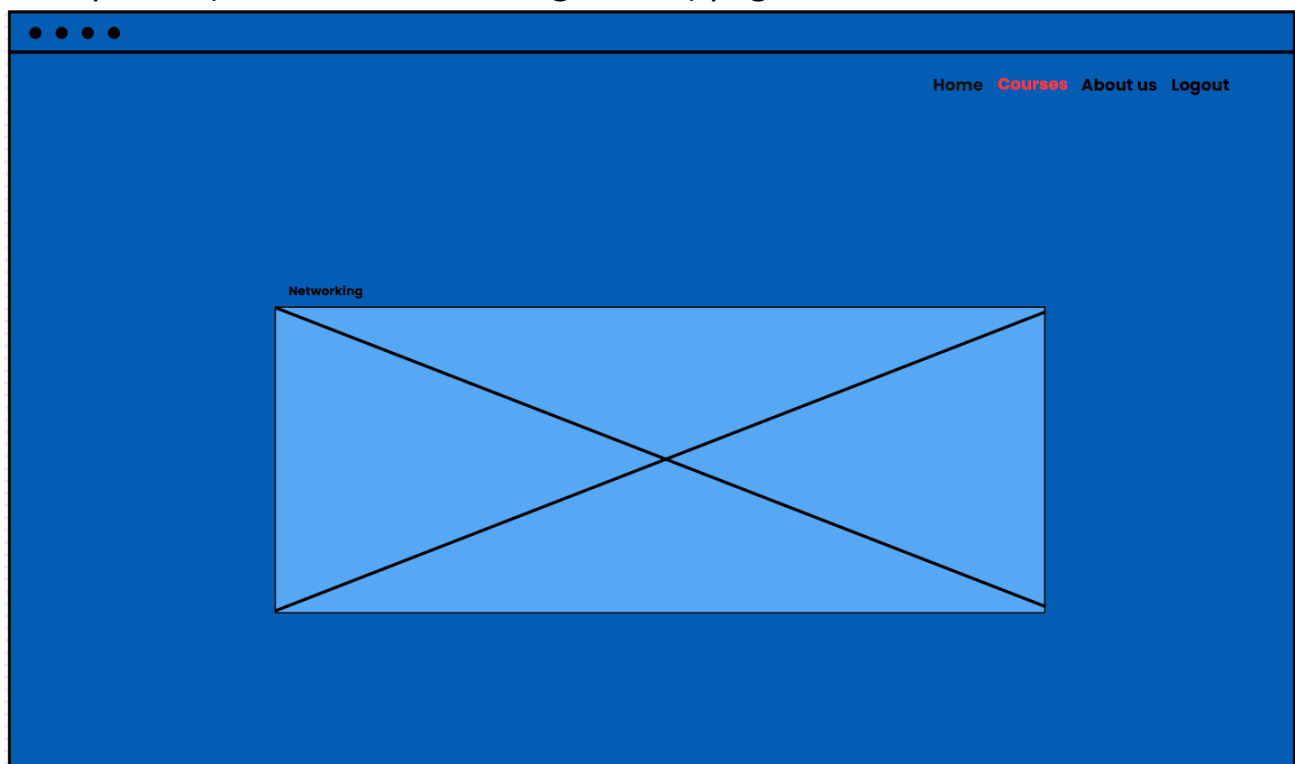




## 2- All item (Courses )page:



## 3- Item profile (courses – Networking course) page:





#### 4- Login (Admin and user) page:

## Login

EMAIL

PASSWORD

Login

[Dont have account?Register](#)

#### 5- Regester new account page:

## Register Now

NAME

EMAIL

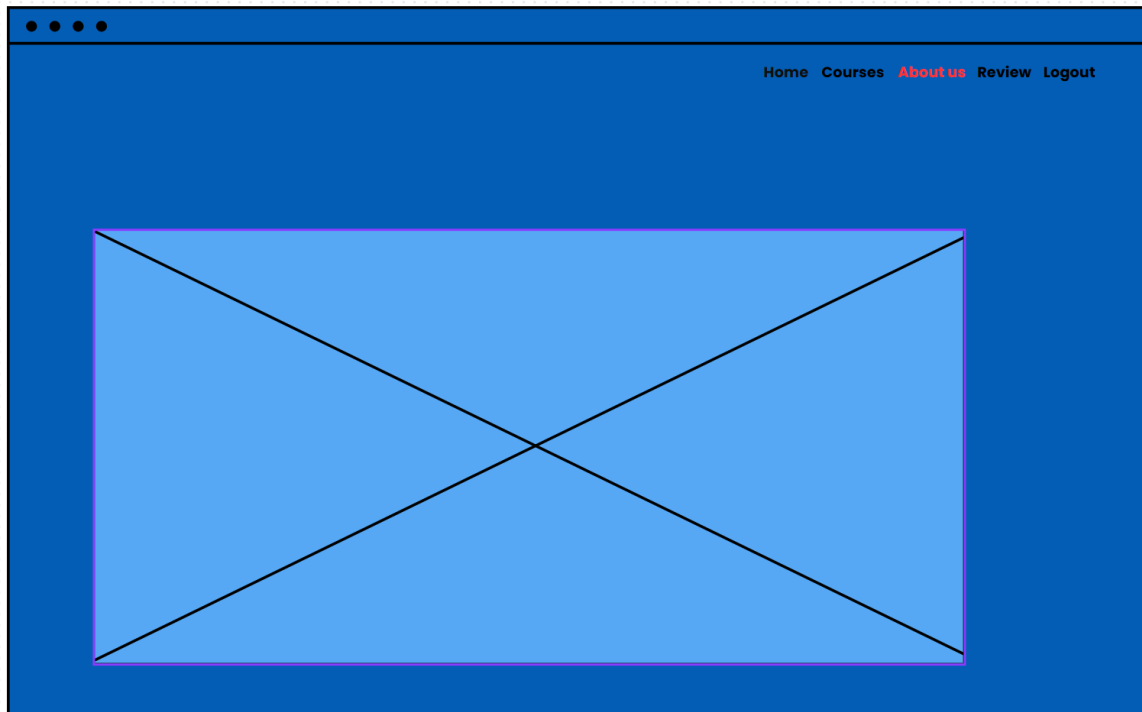
PASSWORD

Register

[Already have account?Login](#)



## 6- About us page:



## 7- Rating page(Review):

RATE THE COURSES

ENTER COURSE NAME:

ENTER YOUR EMAIL:

COMMENTS:

RATING 1-10:

Submit





## 7- Admin page (Delete)(Add)(Edie):

Name

description

Logo

Choose file

Study resource


Add

Delete

Edit



## Professional Wireframes pages (using FIGMA):

[Home](#) [courses](#) [About us](#) [Review](#) [logout](#)

# KnowNow

E-learning platform

e-learning platforms are to provide accessible, effective, and engaging learning experiences. By leveraging technology, these platforms aim to enhance knowledge acquisition, improve learning outcomes, and support various educational needs. This is achieved through features like interactive content, personalized learning paths, and flexible learning schedules.

log in

## Log in

Enter your email

Password

forget your password ?

log in

Don't have account ? Register



## Register new account

already have account ? [login](#)

[Home](#)[courses](#)[About us](#)[Review](#)[logout](#)

### Web system

The Web System Course is designed to provide learners with a comprehensive understanding of web development

[click here](#)

### Networking

The Network Course offers a thorough understanding of networking principles and technologies for building and managing networks.

[click here](#)



[Home](#) [courses](#) [About us](#) [Review](#) [logout](#)

## Web systems

The Web System Course is designed to provide learners with a comprehensive understanding of web development, including the fundamental principles, technologies, and tools used to create and maintain effective web applications. This course caters to beginners who are new to web development as well as those seeking to enhance their existing skills.

Resources to study :

Textbooks:

- Web Systems Design and Development.
- Designing Web Applications.

[Home](#) [courses](#) [About us](#) [Review](#) [logout](#)

## Network

The Network Course is designed to provide participants with a comprehensive understanding of networking principles, technologies, and practices essential for building and managing networked systems. This course caters to individuals looking to establish a solid foundation in networking concepts, as well as those seeking to enhance their existing skills in the field.

Resources to study :

- Coursera: Offers a wide range of networking courses, from introductory to advanced levels.



[Home](#) [courses](#) [About us](#) [Review](#) [logout](#)

## About us

We are a leading e-learning platform dedicated to providing accessible and engaging educational experiences for student how study in Riyadh universities . Our platform offers a wide range of courses and resources designed to empower learners and backgrounds. With our innovative technology , we strive to make learning a seamless and enjoyable process.

Contact information:

Textbooks:

Email: [Elernplatform@outlook.com](mailto:Elernplatform@outlook.com)

Phone number: 0531302829

## Course Feedback Form

Rating 1-10



## Course Management

name

Descriptions

upload img

Study Resource

ADD

DELETE

EDIT

Select course

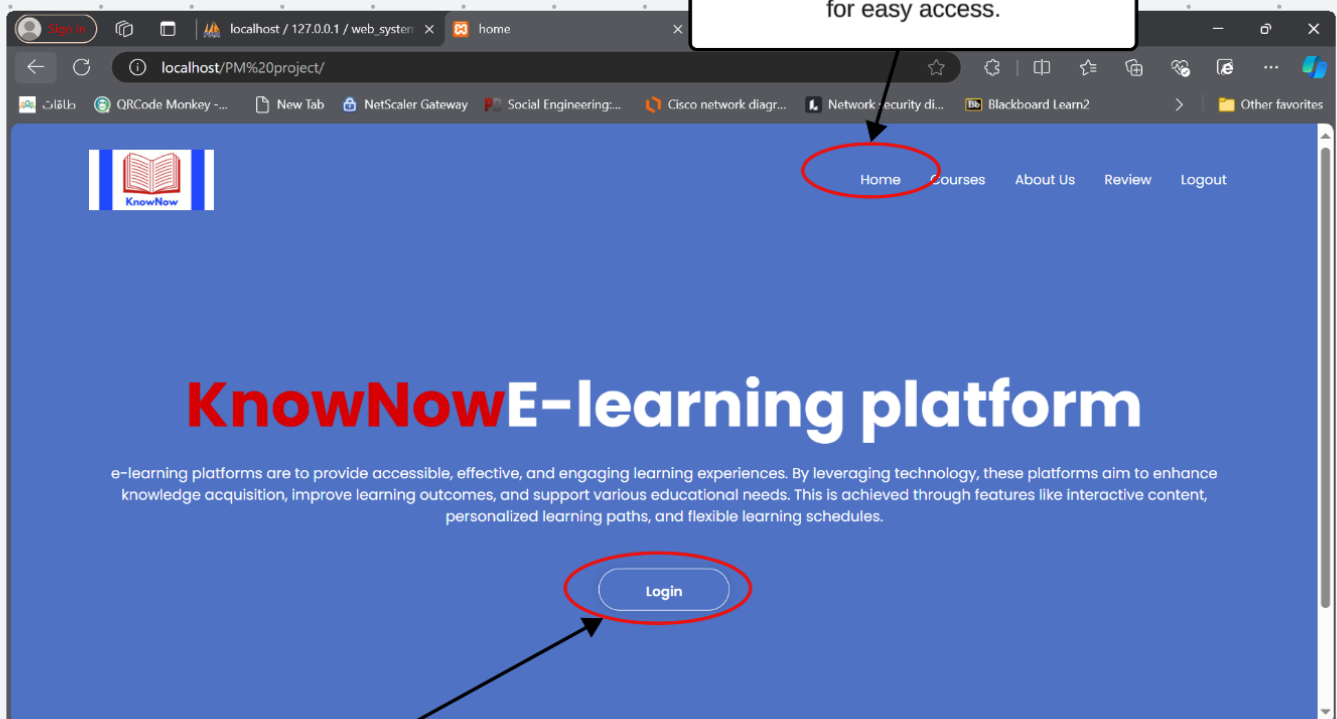
name	Description	logo
------	-------------	------



## Required pages:

### 1. Home page :

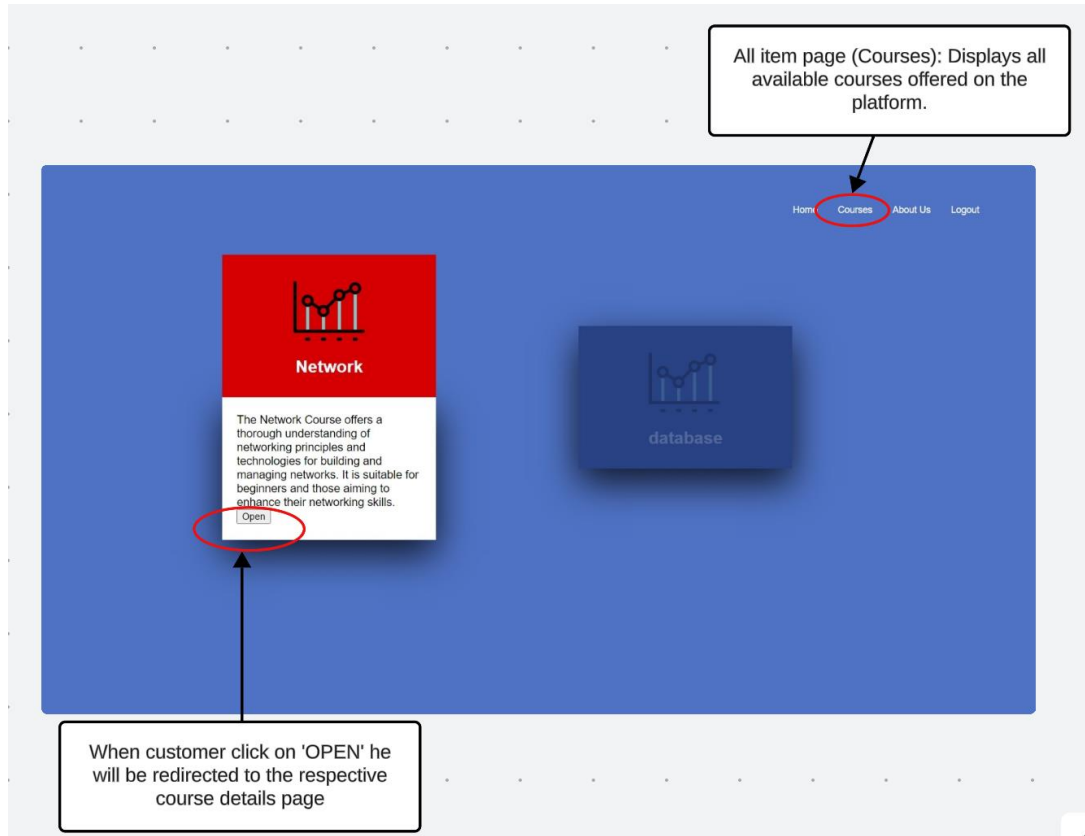
In home page it displays overview of our website, along with a login button for easy access.



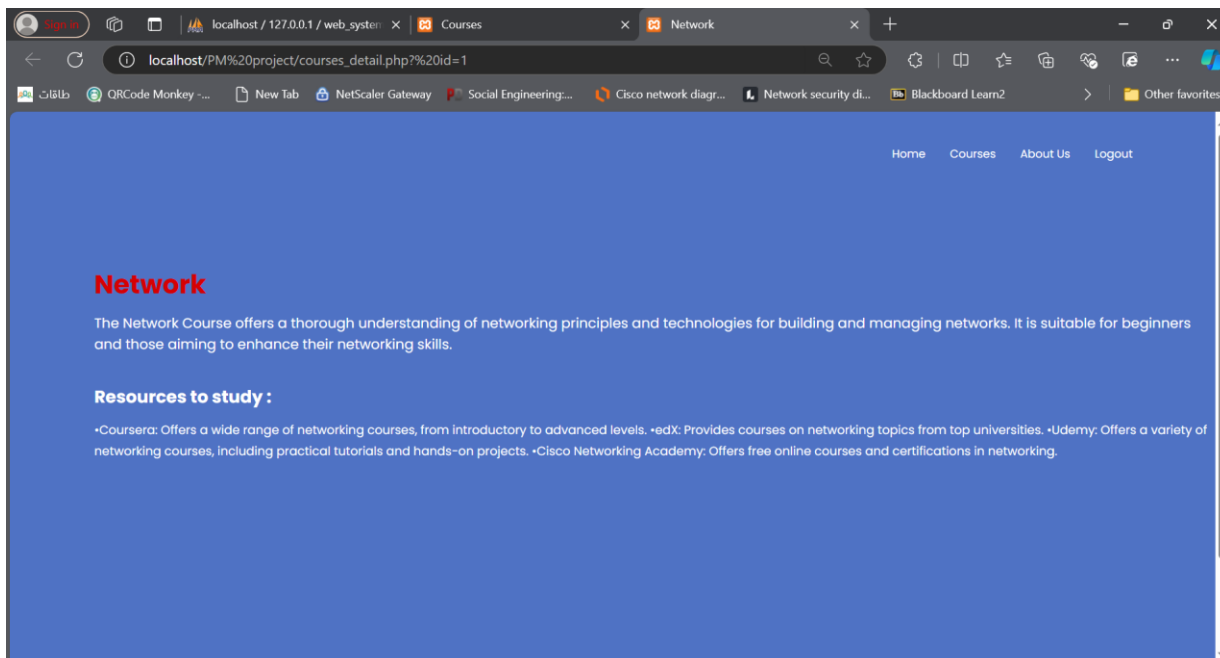
When admin,user click on 'Login' button ,it will be redirected to the respective Login page page



## 2. All item page (Courses): (لازم نعدل بعد الصور)



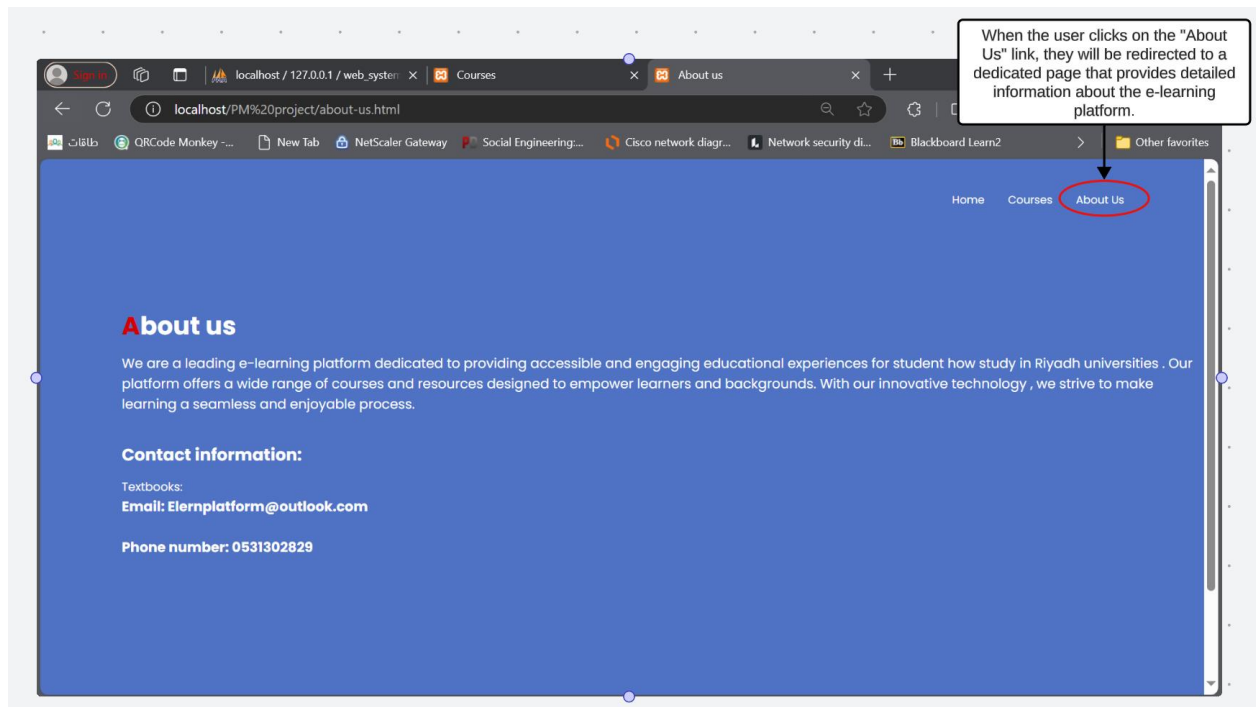
## 3. Item profile page (Networking course details):







#### 4. About us page:



#### 5. Review page (Rating)

**Course Feedback Form**

Course Name:

Your Email:

Comments:

Rating (1-10):



## 6. Admin-user log-in page:

localhost / 127.0.0.1 / web\_system: x login

localhost/PM%20project/login.html

QRCode Monkey ... New Tab NetScaler Gateway Social Engineering... Cisco network diag... Network security di... Blackboard Learn2 Other favorites

**Login**

email

password

☒ Remember me [Forgot password?](#)

Login

Don't have an account? **Register**

"Don't have an account? Register" encouraging them to create an account if they are not yet registered on the platform.

## 7. user register new account:

localhost / 127.0.0.1 / web\_system: x Register

localhost/PM%20project/register.html

QRCode Monkey ... New Tab NetScaler Gateway Social Engineering... Cisco network diag... Network security di... Blackboard Learn2 Other favorites

**Register new account**

name

email

phone

password

confirm password

Register



## 8. The Admin Control Panel page:

### i. Add Item, Delete Item and Edit Item page

The admin can add a new course by clicking the "Add" button. This action prompts the admin to complete a form that requires the following details: course name, description, and image(Logo).

The admin can remove an existing course by selecting the course from the (Available courses) and clicking the "Delete" button. This action will prompt a confirmation message to ensure that the admin intends to permanently delete the course from the system.

**Course Management**

Name:  Descriptions:  Logo:  No file chosen

Study Resource:

Select Item to Edit

**Available Courses**

Name	Descriptions	Resource	Logo
Network	The Network Course offers a thorough understanding of networking principles and technologies for building and managing networks. It is suitable for beginners and those aiming to enhance their networking skills.	•Coursera: Offers a wide range of networking courses, from introductory to advanced levels. •edX: Provides courses on networking topics from top universities. •Udemy: Offers a variety of networking courses, including practical tutorials and hands-on projects. •Cisco Networking Academy: Offers free online courses and certifications in networking.	



## Database:

- Admin Database

Table: course < Database: web\_system < 127.0.0.1: الخادم

القوائم تتبع عمليات الإمتيازات استيراد تصدير إدخال إبحث SQL بناء استعراض

Relation view **بنية الجدول** تحديث المفضلة

#	الاسم	النوع	التجميع	الخواص	خالي	إقتراضي	التعليقات	إضافي	العملية
1	id	int(5)		لا	لا	لا شيء			AUTO_INCREMENT تغيير إسقاط أكثر
2	name	varchar(50)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
3	description	varchar(250)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
4	resource	varchar(1000)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
5	logo	varchar(50)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر

النص كاملا Spatial فهرست فريد أساسي إسقاط تغيير استعراض مع المحدد: تحقق من الكل مع المحدد: استعراض تغيير إسقاط

Remove from central columns Add to central columns

Move columns Normalize تتبع الجدول اقتراح بناء الجدول طباعة

إنتطلق after logo Add 1 column(s)

- User Database

Table: user < Database: web\_system < 127.0.0.1: الخادم

القوائم تتبع عمليات الإمتيازات استيراد تصدير إدخال إبحث SQL بناء استعراض

Relation view **بنية الجدول** تحديث المفضلة

#	الاسم	النوع	التجميع	الخواص	خالي	إقتراضي	التعليقات	إضافي	العملية
1	id	int(5)		لا	لا	لا شيء			AUTO_INCREMENT تغيير إسقاط أكثر
2	name	varchar(50)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
3	email	varchar(30)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
4	password	varchar(150)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
5	phone	varchar(15)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
6	register_date	varchar(20)		utf8mb4_general_ci	لا	لا شيء			تغيير إسقاط أكثر
7	usertype	varchar(20)		utf8mb4_general_ci	نعم	student			تغيير إسقاط أكثر

النص كاملا Spatial فهرست فريد أساسي إسقاط تغيير استعراض مع المحدد: تحقق من الكل مع المحدد: استعراض تغيير إسقاط

Remove from central columns Add to central columns



- Users

Database: web\_system < 127.0.0.1

Showing rows 0 - 4 (المجموع 5, استغرق الاستعلام 0.0006 ثانية)

`SELECT * FROM user`

جانبى [ تحرير مُضَمَّن ] [ تعديل ] [ شرح SQL ] [ أنشئ كود PHP ] [ تحديث ]

Sort by key: لا شيء | تصفية الصفوف: 25 | عرض الكل: عدد الأسطر: 25

usertype	register_date	phone	password	email	name	id
admin	17:06:53 2024-10-08	96650112549658	e10adc3949ba59abbe56e057f20f883e	layan23@gmail.com	layan	1
student	23:43:14 2024-10-11	966552412389	e99a18c428cb38d5f260853678922e03	layan@gmail.com	layan	2
student	10:03:37 2024-10-14	0505154773	827ccb0eea8a706c4c34a16891f84e7b	laym@gmail.com	laym	3
student	10:04:14 2024-10-14	0555154773	02b1be0d48924c327124732726097157	lama@gmail.com	lama	4
student	10:04:46 2024-10-14	0556164883	c6f057b86584942e415435ffb1fa93d4	jady@gmail.com	jady	5

تصدير | حذف | نسخ | تعديل | مع المحدد: | تحقق من الكل

Sort by key: لا شيء | تصفية الصفوف: 25 | عرض الكل: عدد الأسطر: 25

عمليات على نتائج الإستعلام

phpMyAdmin

المفضلة

New

- company
- information\_schema
- it\_assignment
- mysql
- performance\_schema
- phpmyadmin
- test
- web\_system
- New
  - course
  - user



## Usability test:

Criteria		<b>User#1 Name:</b> <i>layan</i> <b>Email:</b> <i>layan@gmail.com</i>	<b>User#2 Name:</b> <i>laym</i> <b>Email:</b> <i>laym@gmail.com</i>	<b>User#3 Name:</b> <i>lama</i> <b>Email:</b> <i>lama@gmail.com</i>	<b>User#4 Name:</b> <i>jady</i> <b>Email:</b> <i>jady@gmail.com</i>	<b>User#5 Admin Name:</b> <i>layan</i> <b>Email:</b> <i>layan23@gmail.com</i>
Site Design	Layout (1-10)	10	10	10	10	10
	Navigation (1-10) + ( list the global navigation)	10	10	10	10	10
	Look and Feel (1-10)	10	10	10	10	10
	Page Size (1-10)	10	10	10	10	10
Ease of use	Effectiveness (Ability to successfully use a Web site to find information and accomplish tasks.)	10	10	10	10	10
	Efficiency (Ability to quickly accomplish tasks with ease and without frustration)	10	10	10	10	10
	Satisfaction (How much a user enjoys using the Web site)	10	10	10	10	10



## Competitive Analysis:

Criteria		Ajdur ( <a href="https://ajdur.com/sa">https://ajdur.com/sa</a> )	Baims ( <a href="https://app.baims.com/ar">https://app.baims.com/ar</a> )	Addition Functions\Features
Site Design	Layout (1-10)	7	10	High-Quality Images and Media.
	Navigation (1-10) + (list the global navigation)	6 (Assignments and Quizzes & Course resources)	7 (Assignments and Quizzes & Course resources)	
	Look and Feel (1-10)	8	10	
Page Info	Download Time (1-10)	6	9	
	Page Size (1-10)	10	10	
Features	Search box in all pages (Y/N)	Y	Y	Allowing students to find and engage with teachers and courses evaluations.
	Advanced Search (Y/N) + (list the elements that guide the search)	Y (There is an options to search by university name )	Y (There is an options to search by university name )	
	About Us page (Y/N)	Y	Y	
	Contact Us page (Y/N)	Y	Y	
	Advertising Allowed (Y/N)	N	N	
	Site map page (Y/N)	N	N	
	Validated by W3C? (Y/N)	N	N	
Ease of use	Effectiveness (Ability to successfully use a Web site to find information and accomplish tasks.)	10	10	It Provides Clear Instructions and Tutorials, Team for Customer Support.
	Efficiency (Ability to quickly accomplish tasks with ease and without frustration)	9	10	
	Satisfaction (How much a user enjoys using the Web site)	8	8	

