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

Information Technology Department

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

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:

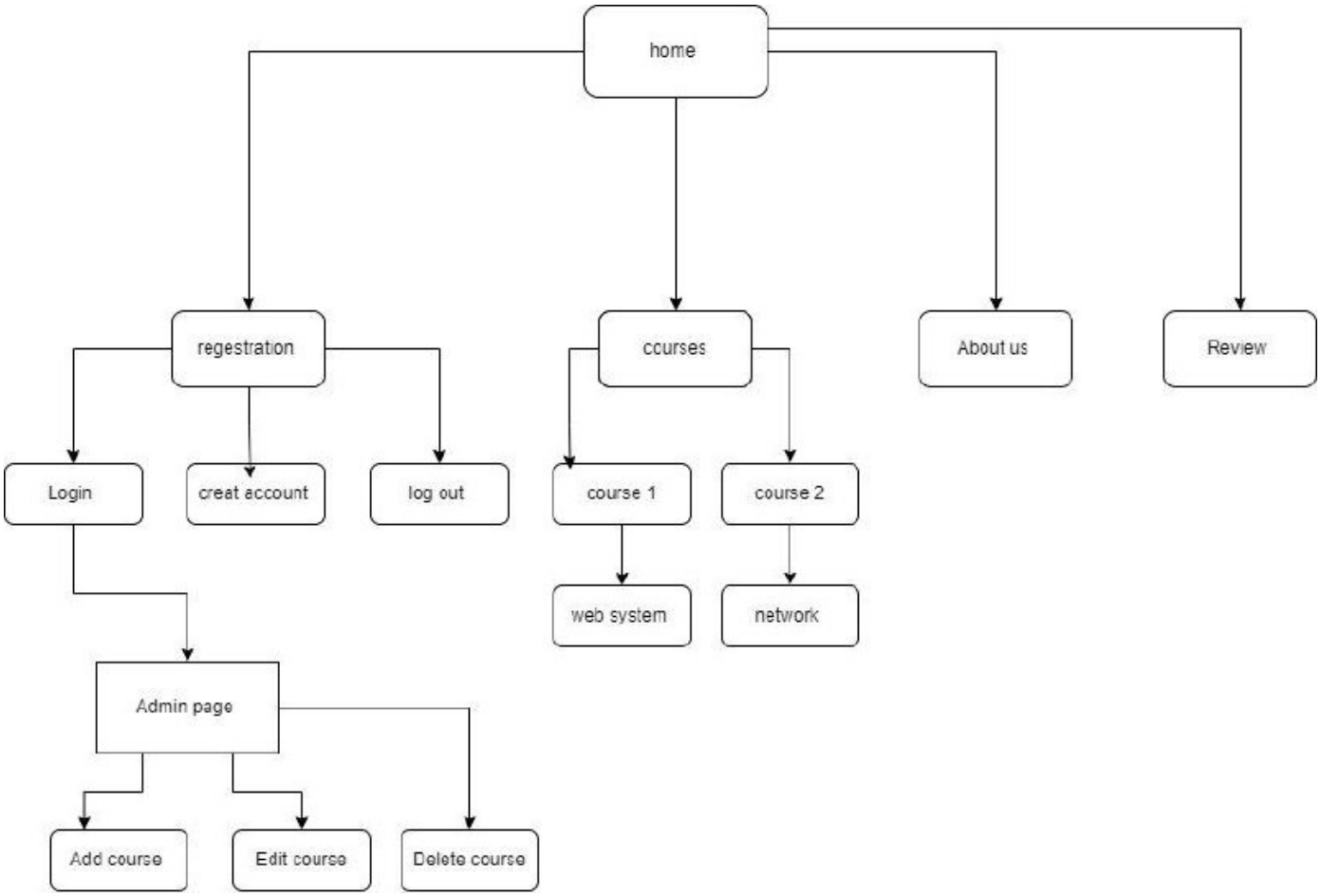
- Interactive Content: Provide engaging content, such as videos, presentations, quizzes, and simulations.
- Quizzes and Assessments: Evaluate learners' understanding and progress.
- Gradebooks: Track student performance and provide feedback.
- Analytics: Gather data on learner behavior and identify areas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

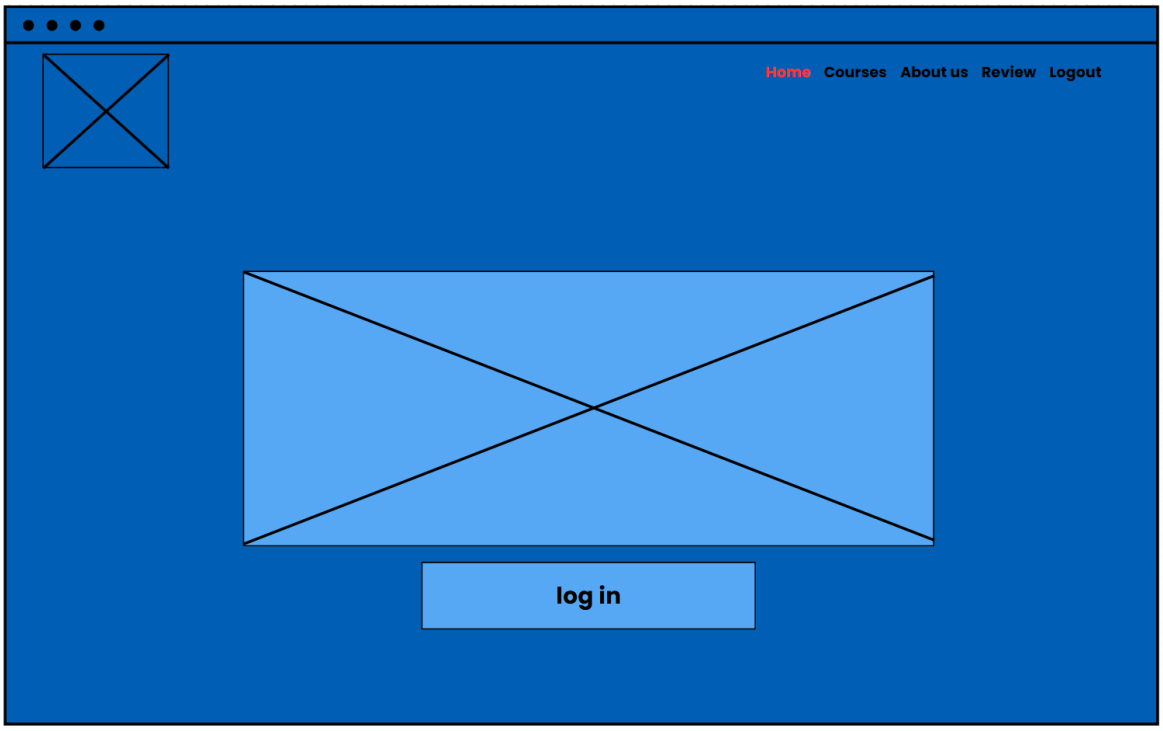
1. Usability:
    - Create a user-friendly interface featuring intuitive navigation, clear labeling, and a consistent layout to enhance the overall user experience.
    - Ensure the website is accessible to all customers, adhering to recognized accessibility standards to accommodate users with diverse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

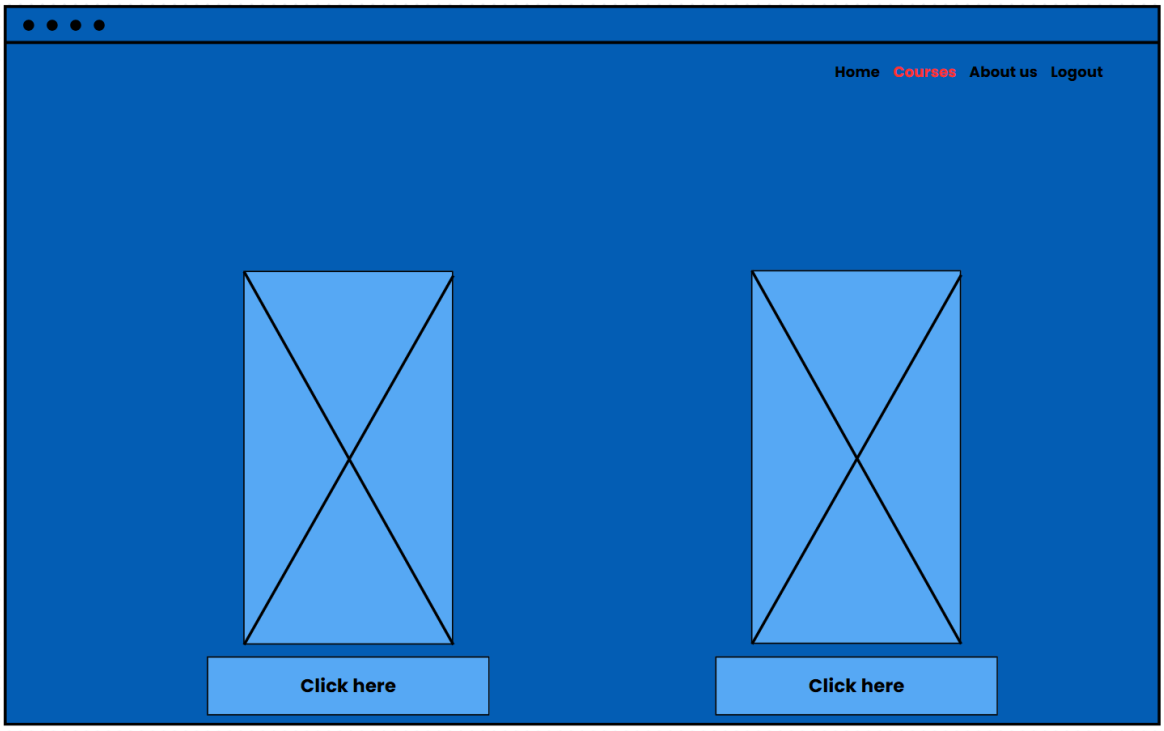

home
regestration
ccurses
About us
Review
Login
creat account
log out
course 1
course 2
web system
network
Admin page
Add course
Edit course
Delete course

Wireframes Sketch pages (using Canva wireframe):

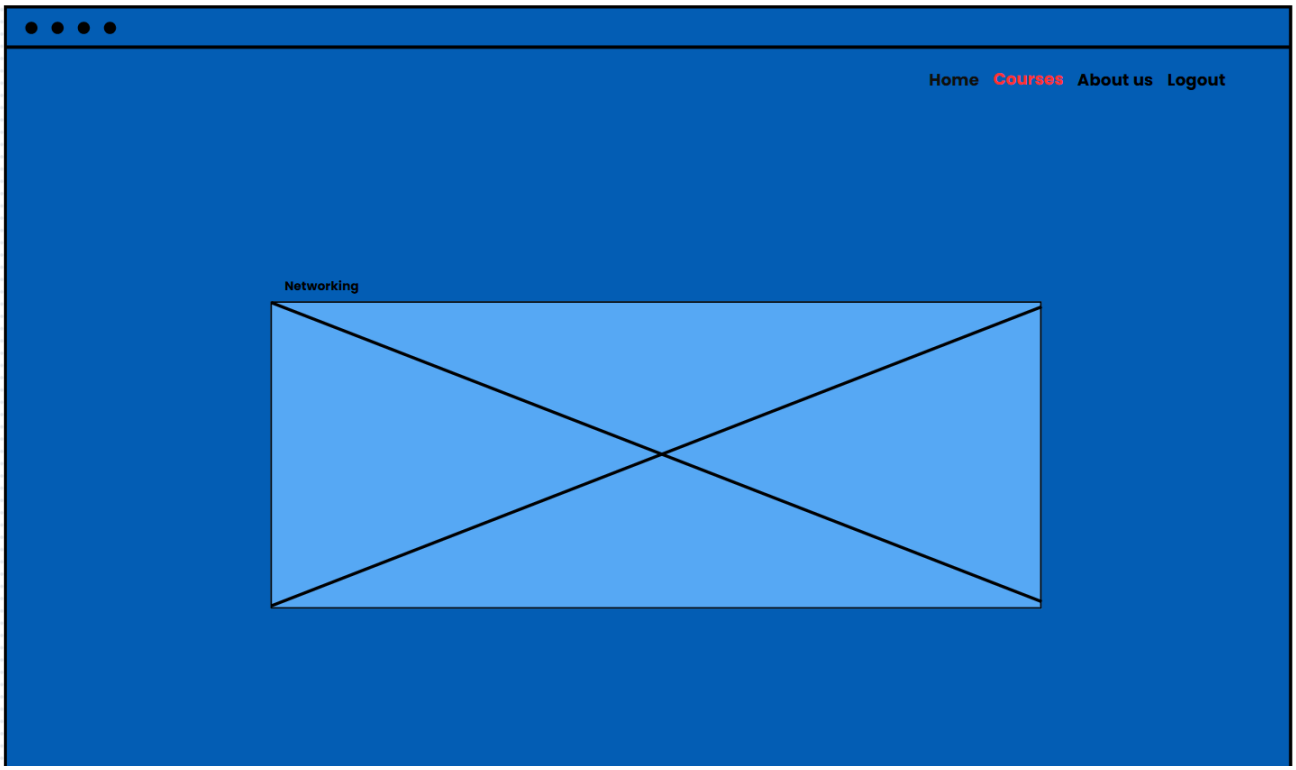
1- Home page:



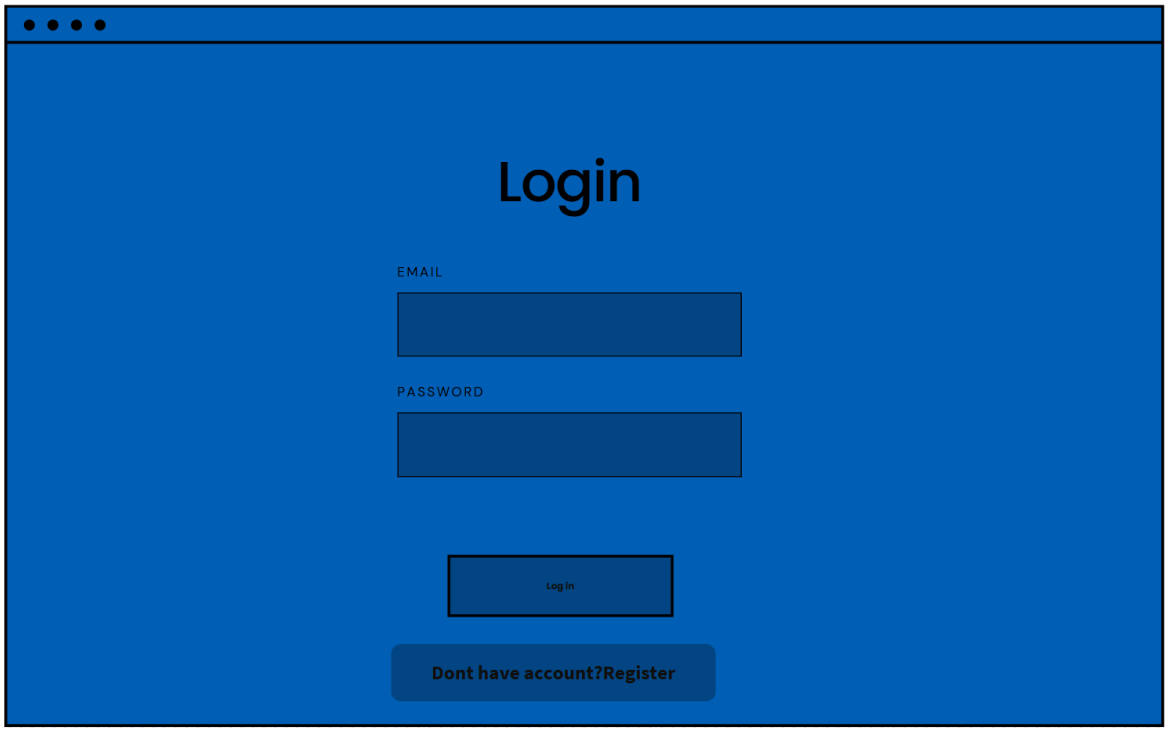
2- All item (Courses)page:



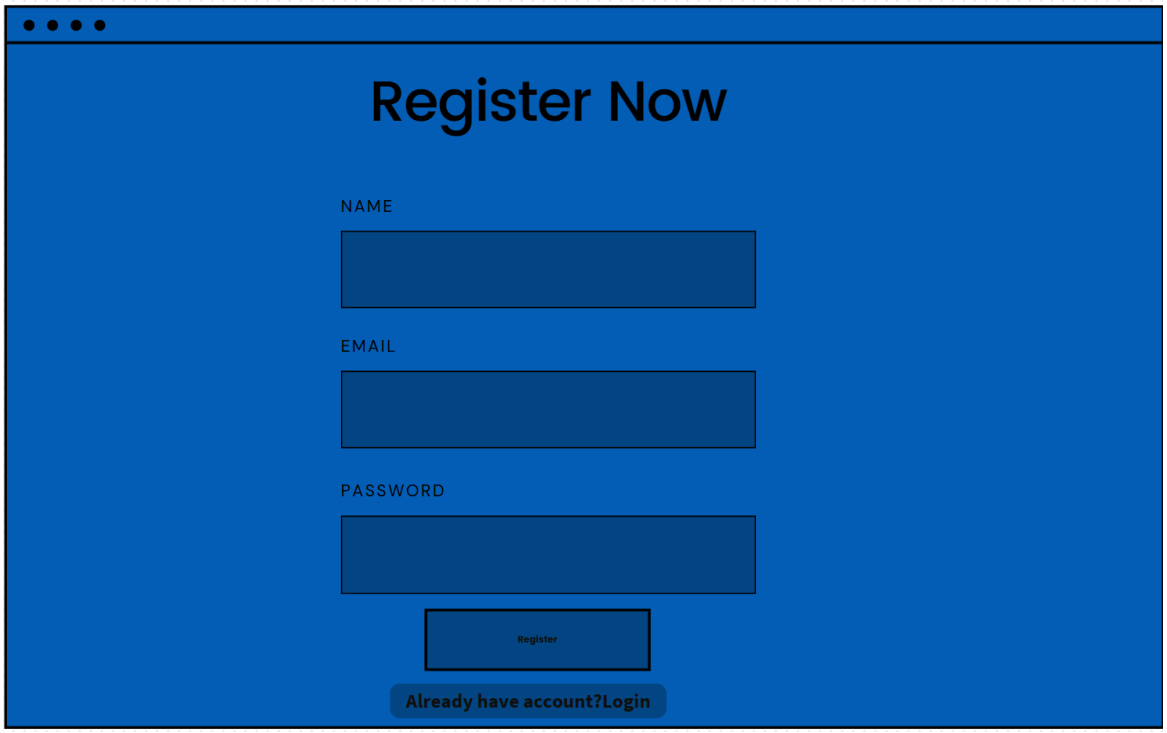
3- Item profile (courses – Networking course) page:



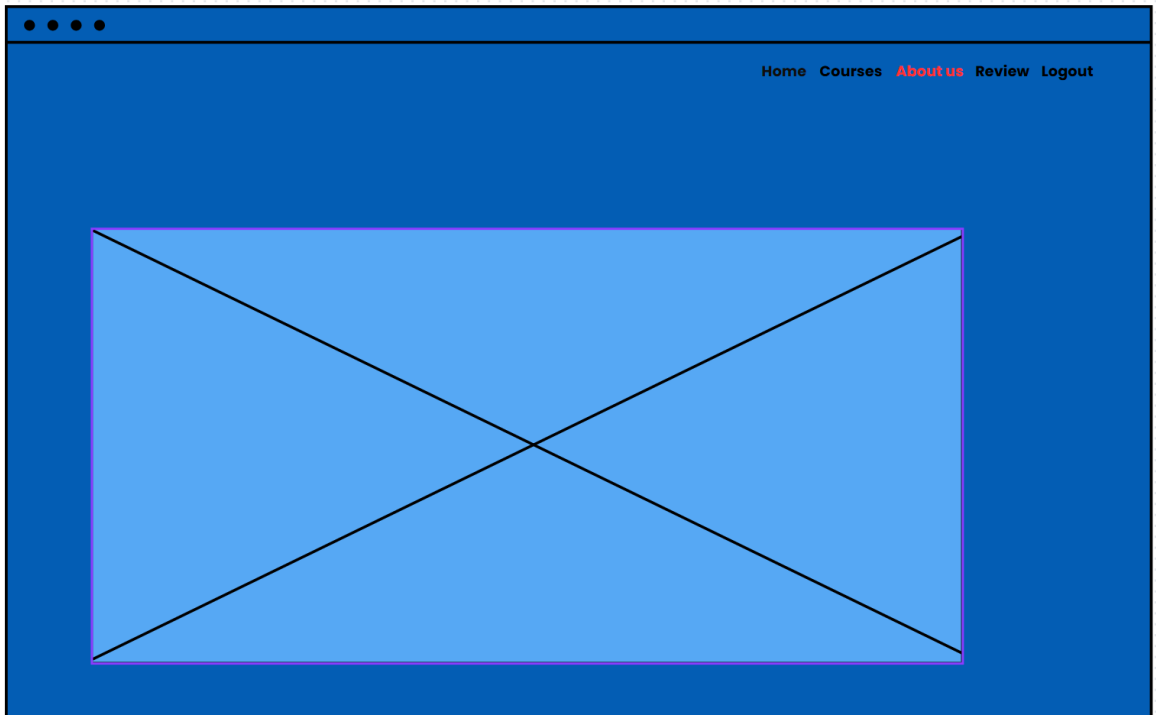
4- Login (Admin and user) page:



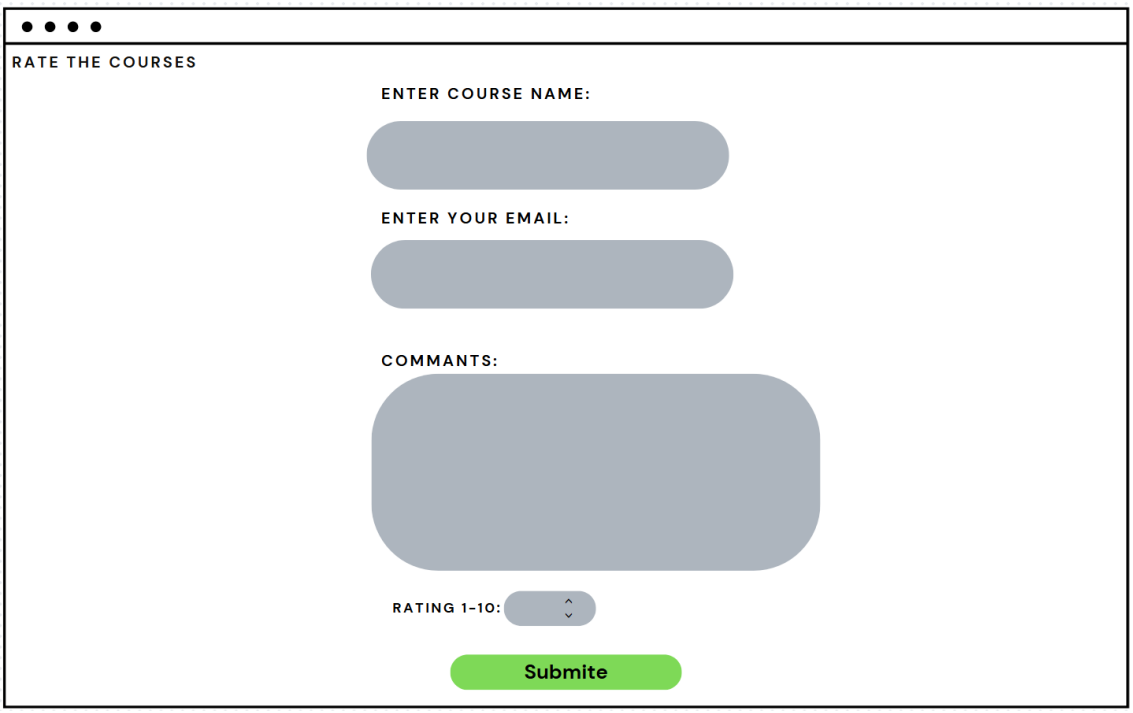
5- Regester new account page:



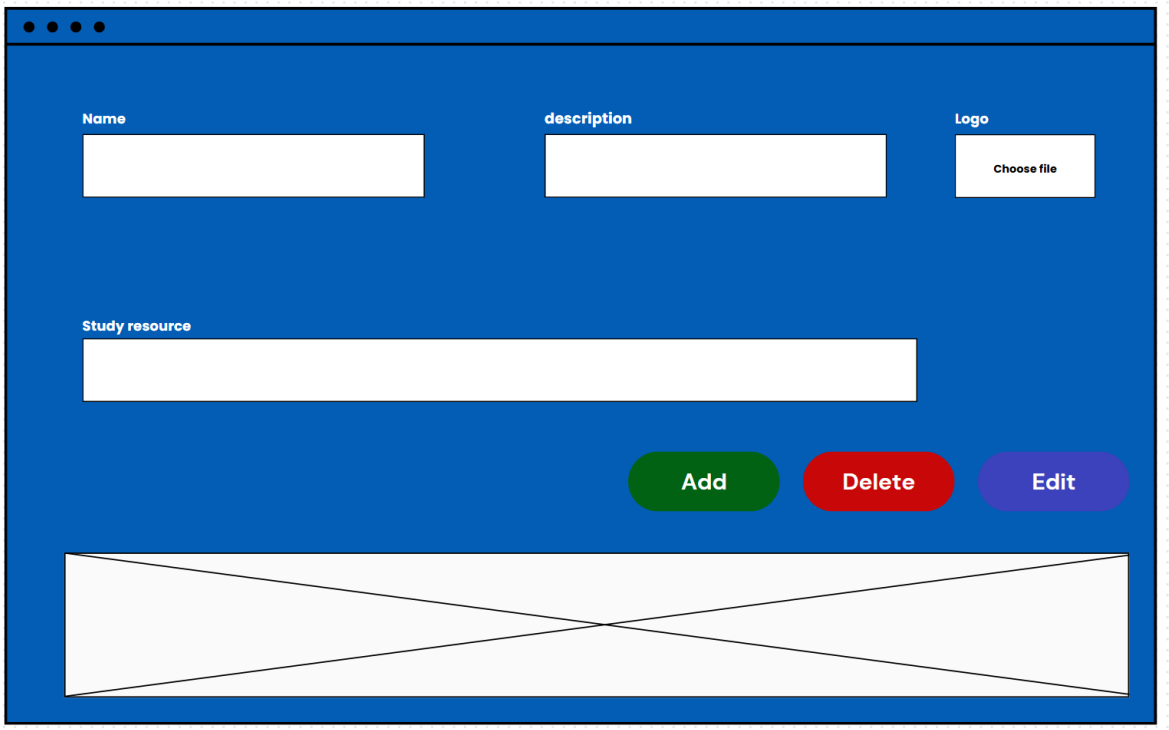
6- About us page:



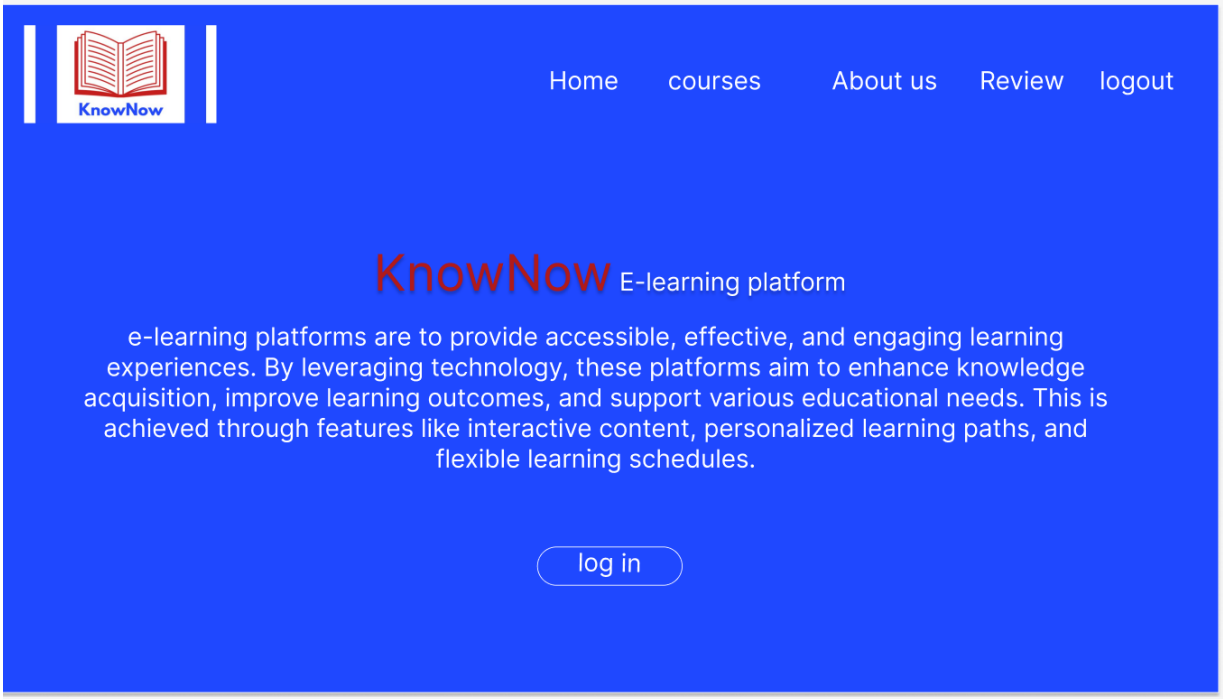
7- Rating page(Review):

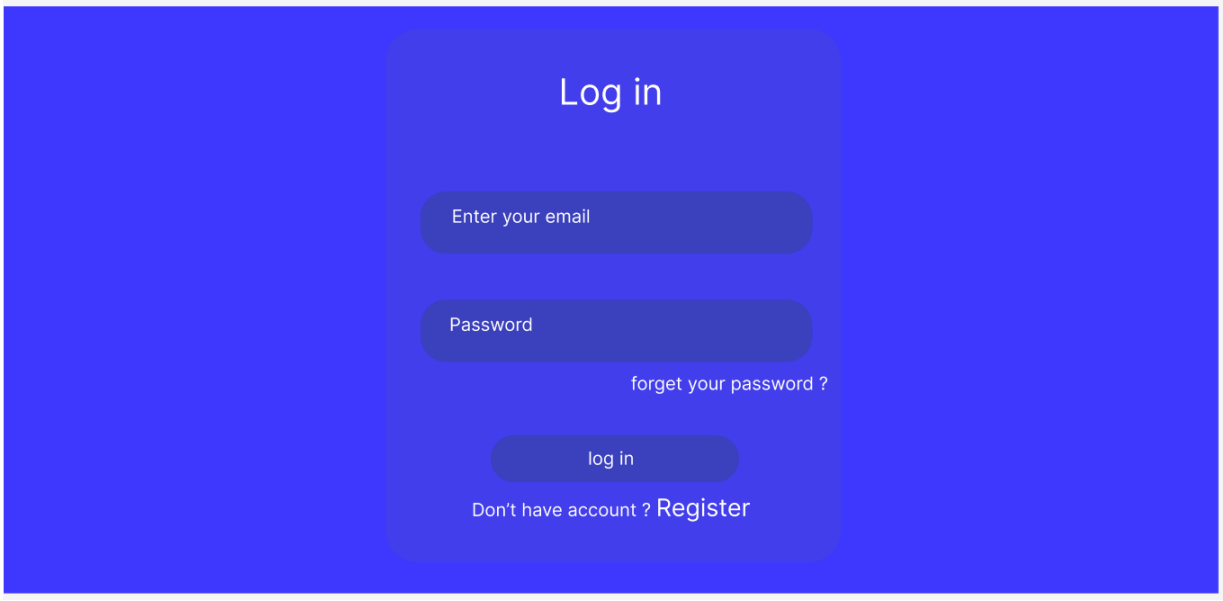


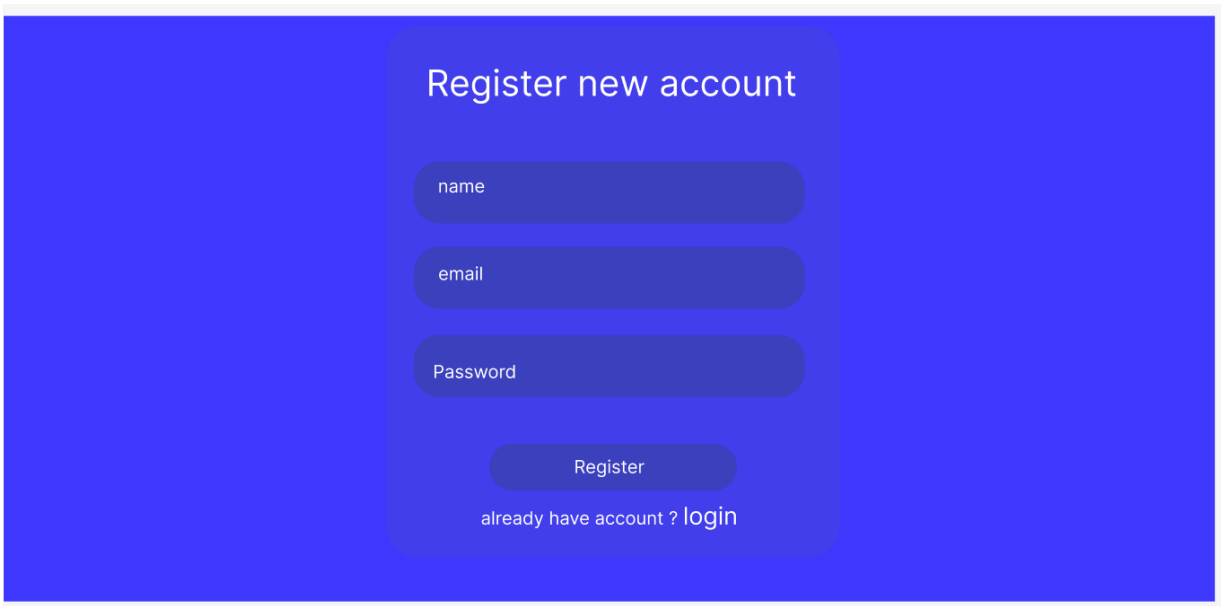
7- Admin page (Delete)(Add)(Edie):

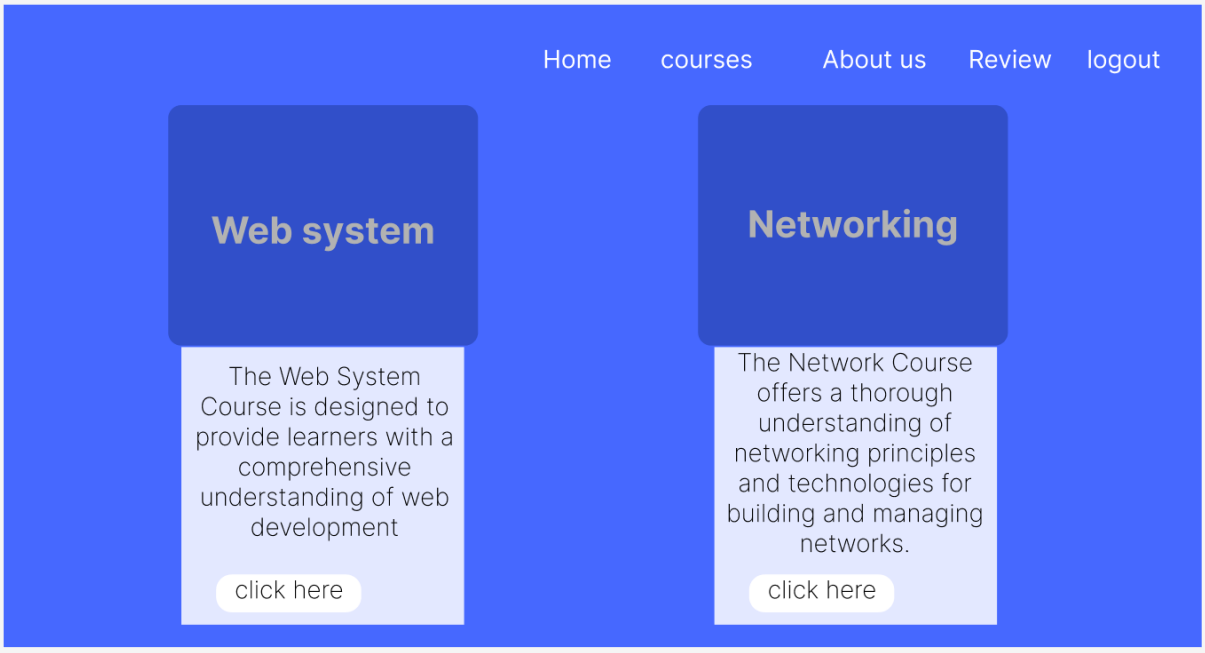


Professional Wireframes pages (using FIGMA):






Register new account
name
email
Password
Register
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

Phone number: 0531302829

Course Feedback Form

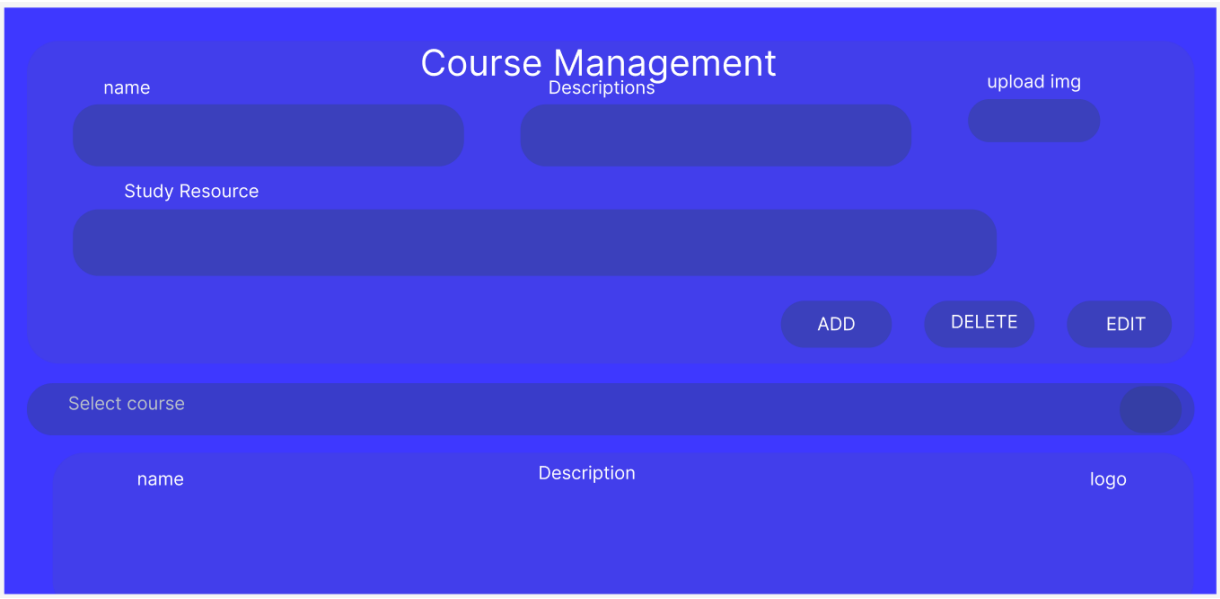
course name

Enter your email

your comment ?

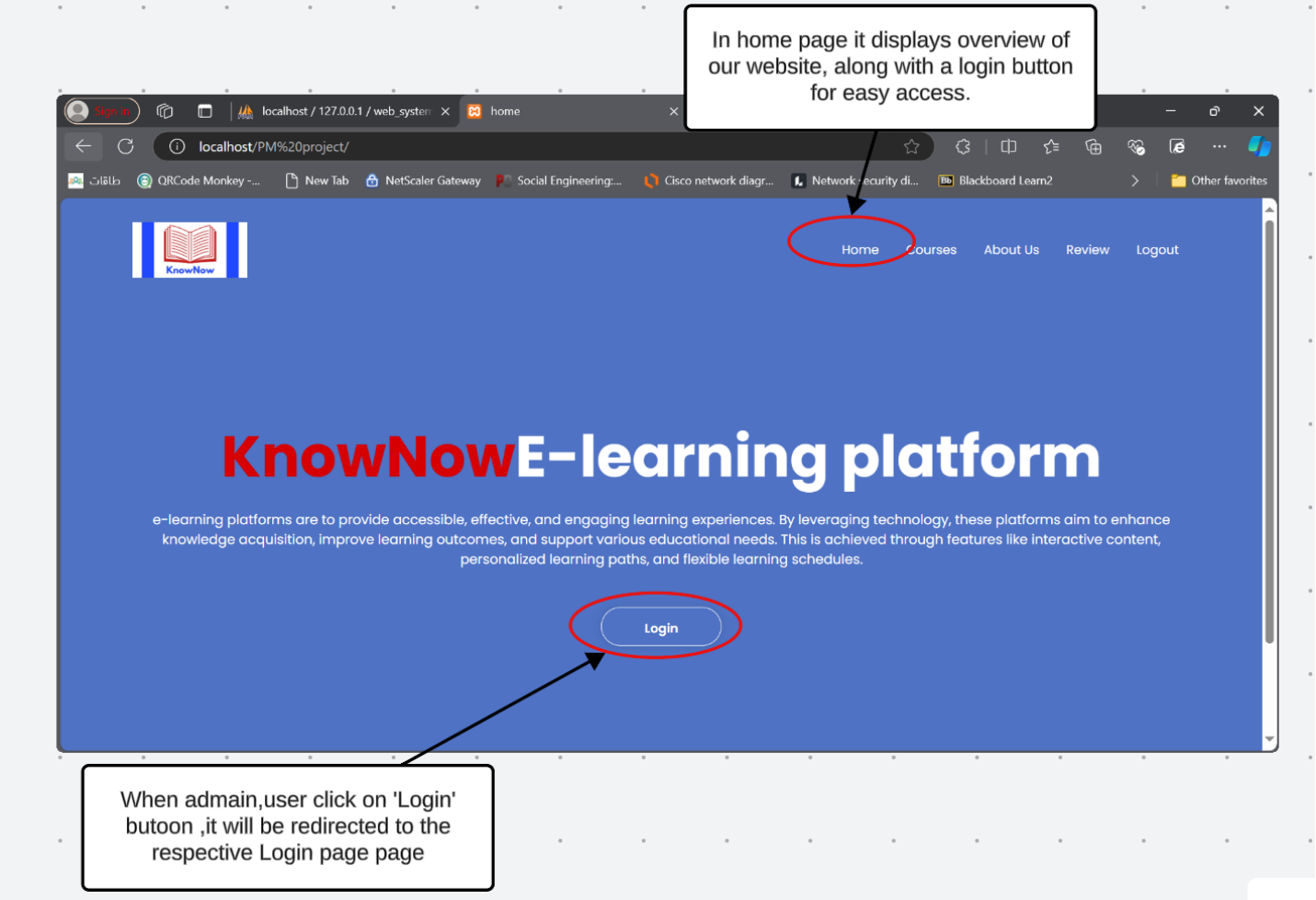
Rating 1-10

Submit Feedback

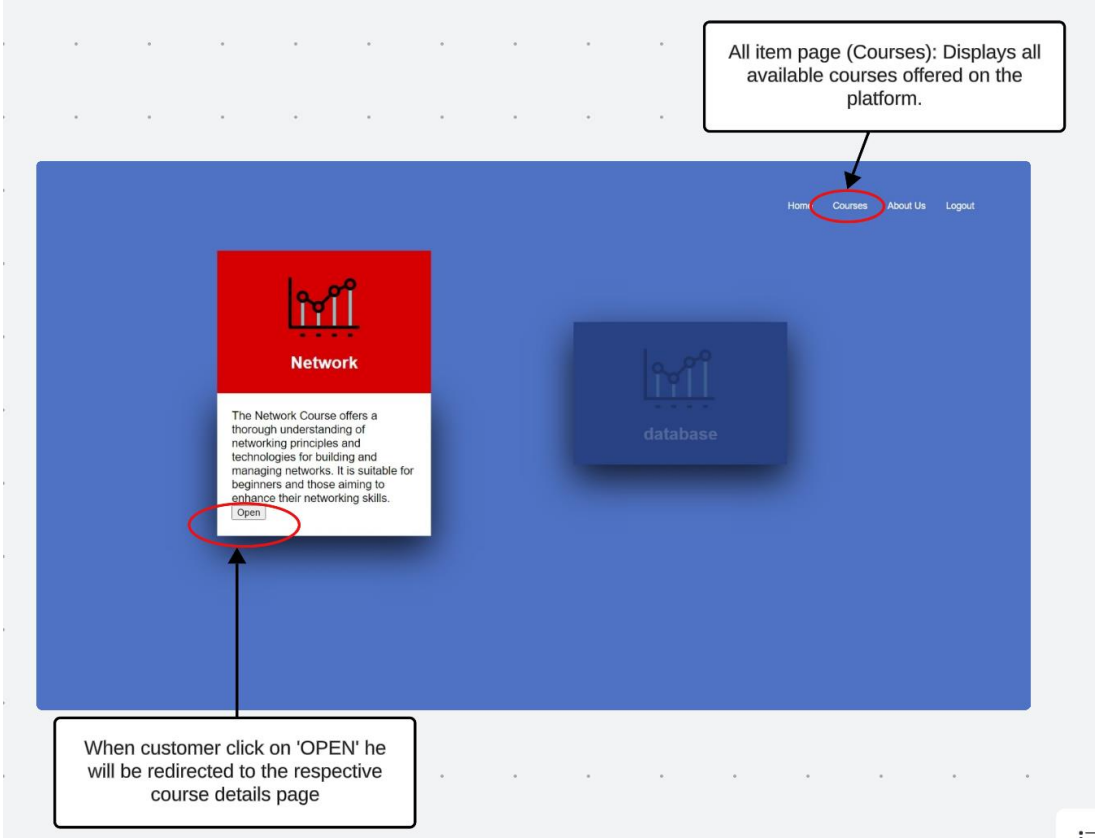

Course Management
name
Descriptions
upload img
Study Resource
ADD
DELETE
EDIT
Select course
name
Description
logo

Required pages:

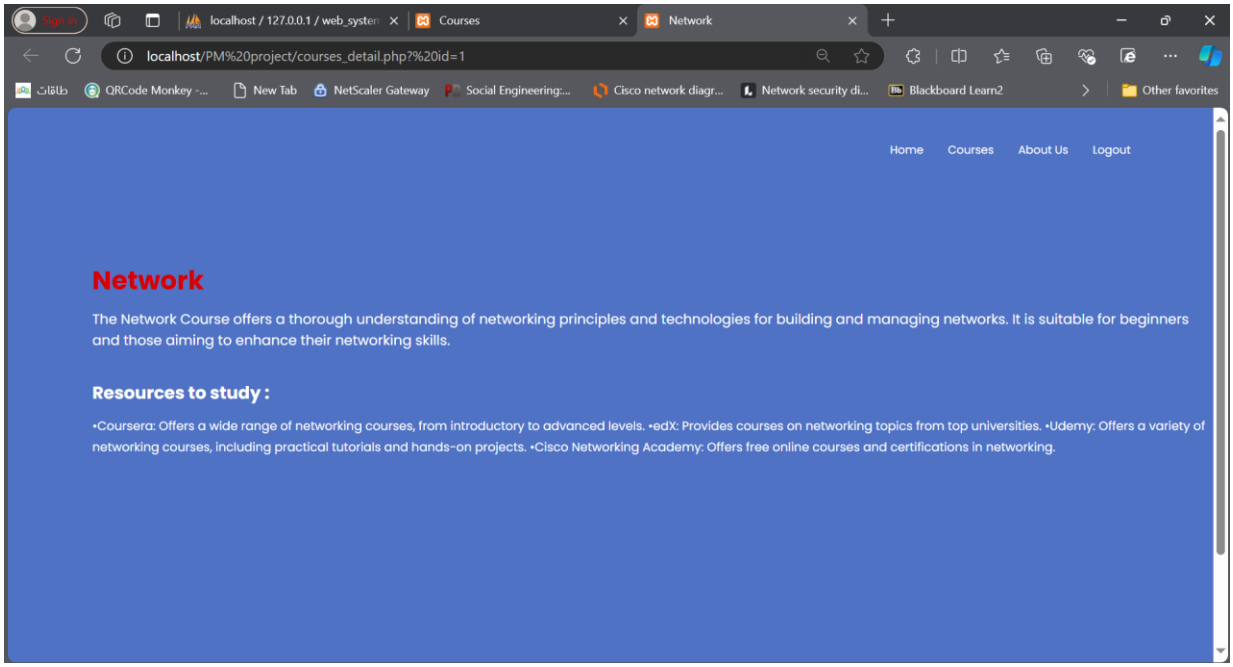
1. **Home page :**



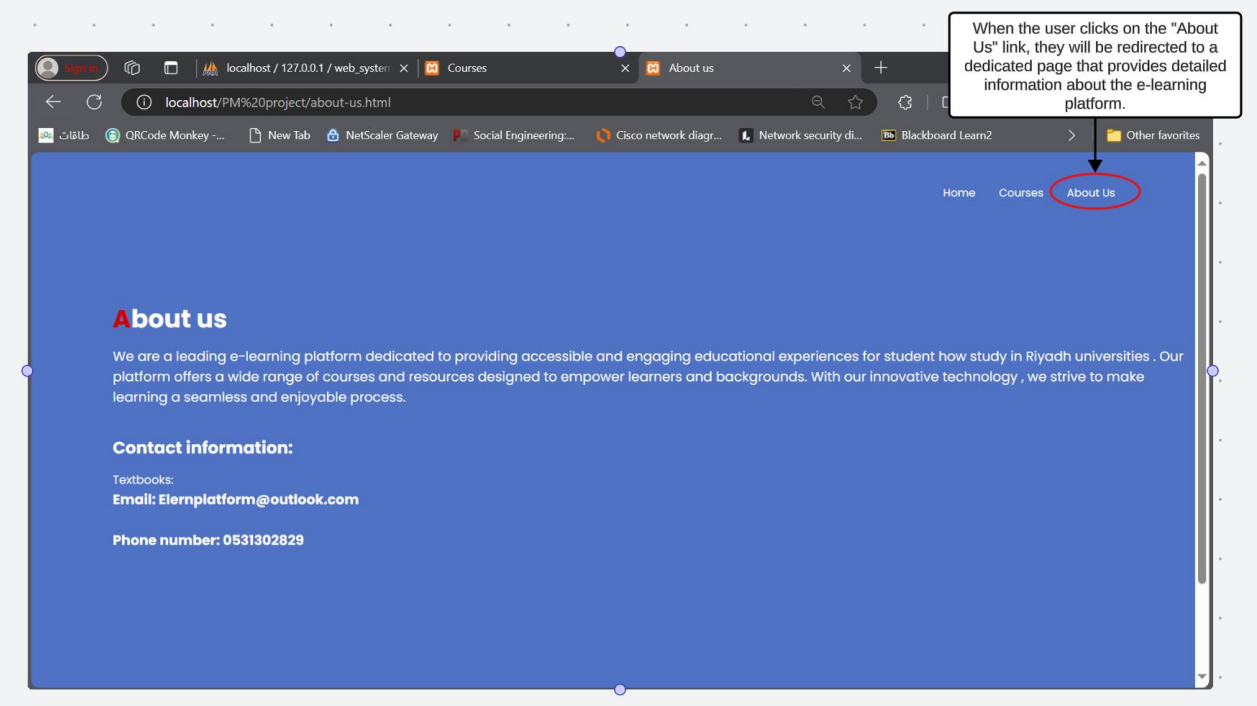
2. **All item page (Courses) :(لازم نعدل بعد الصور)**



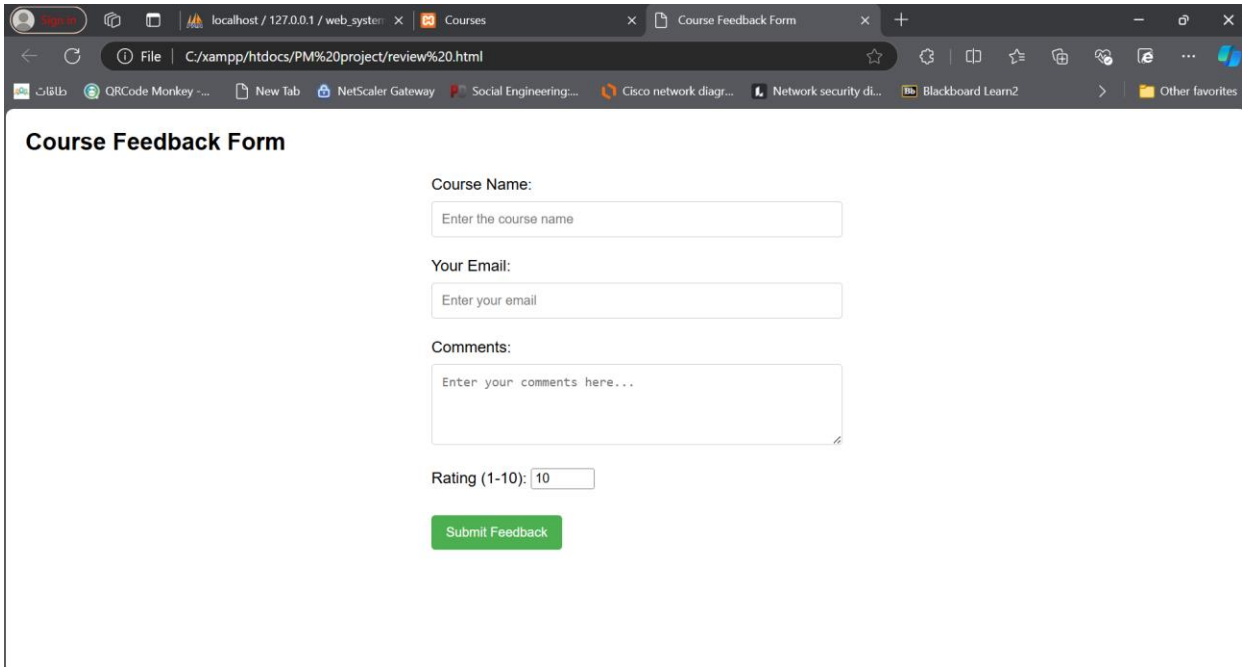
3. **Item profile page (Networking course details):**



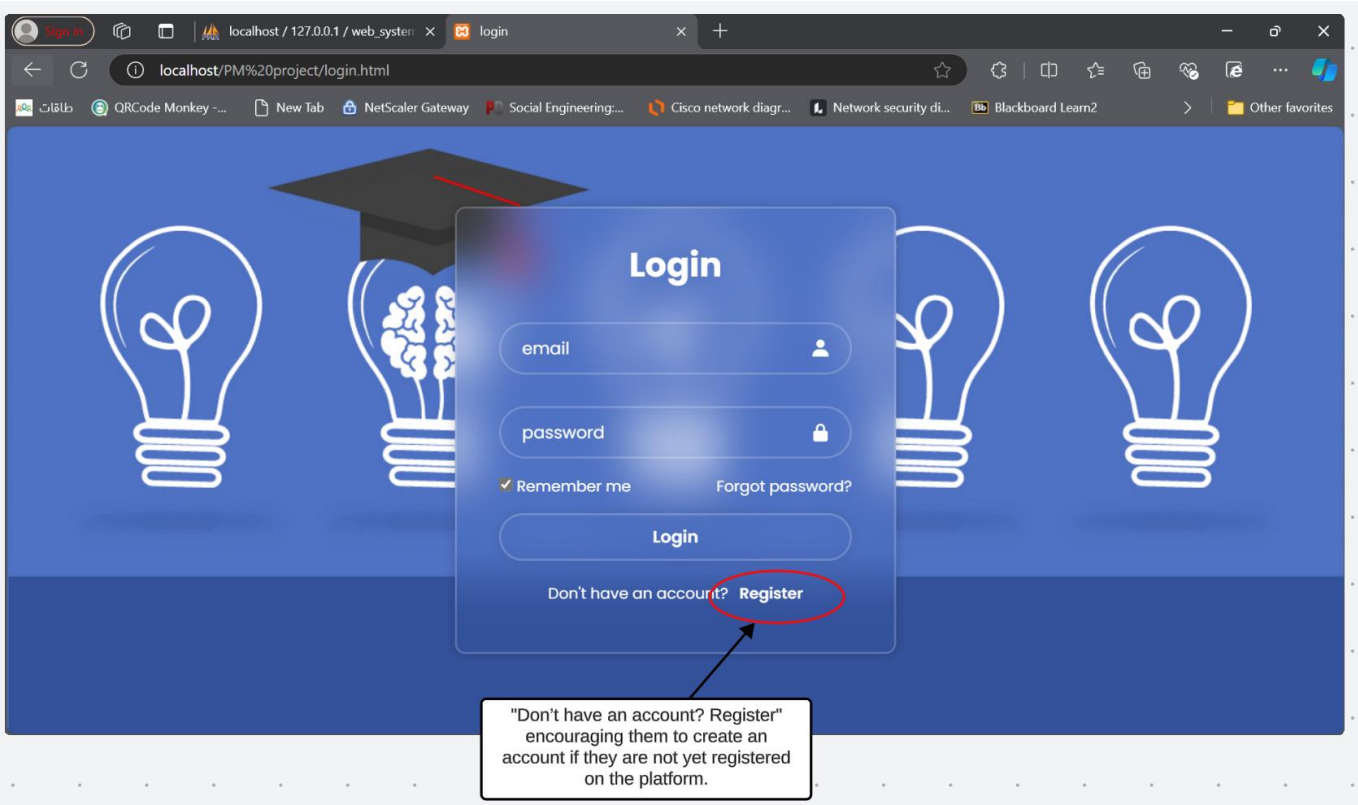
4. **About us page:**



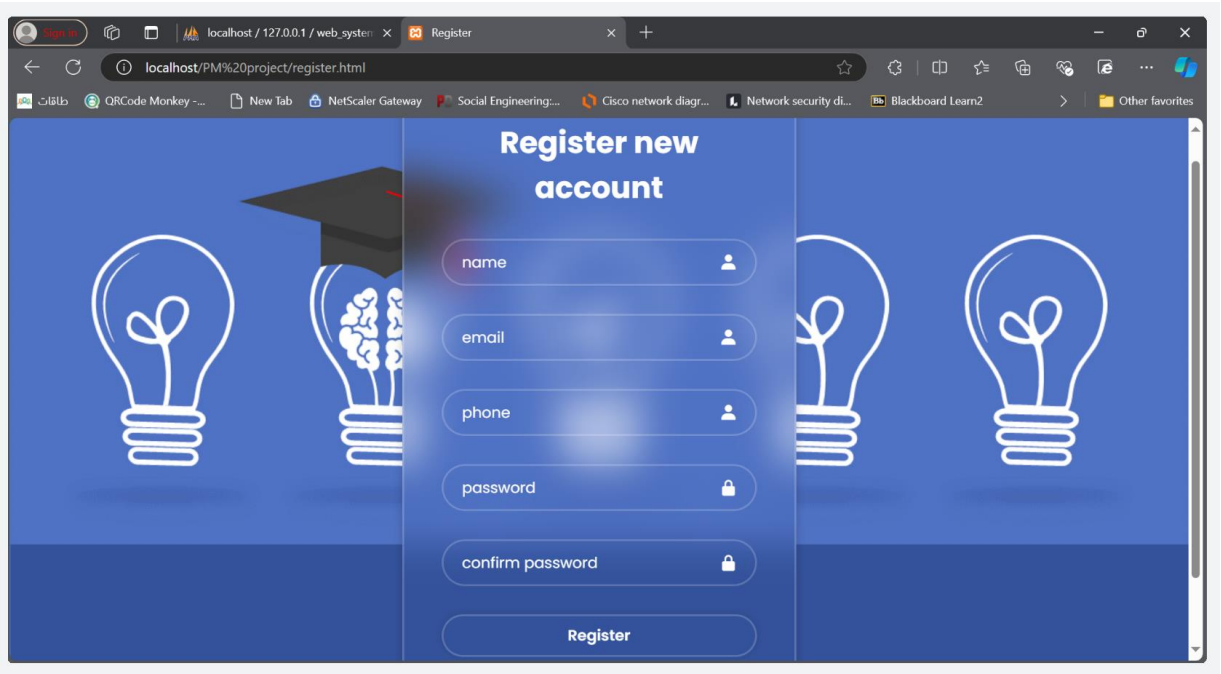
5. **Review page (Rating)**



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

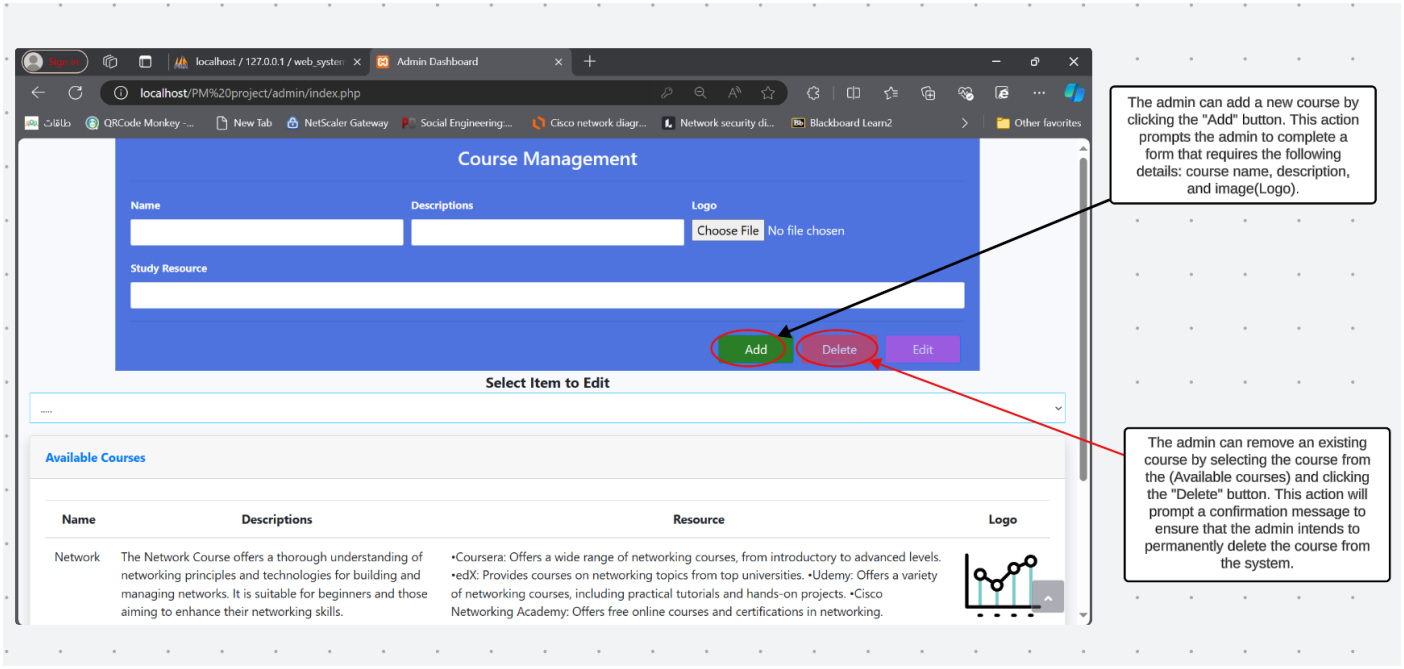


7. **user register new account:**



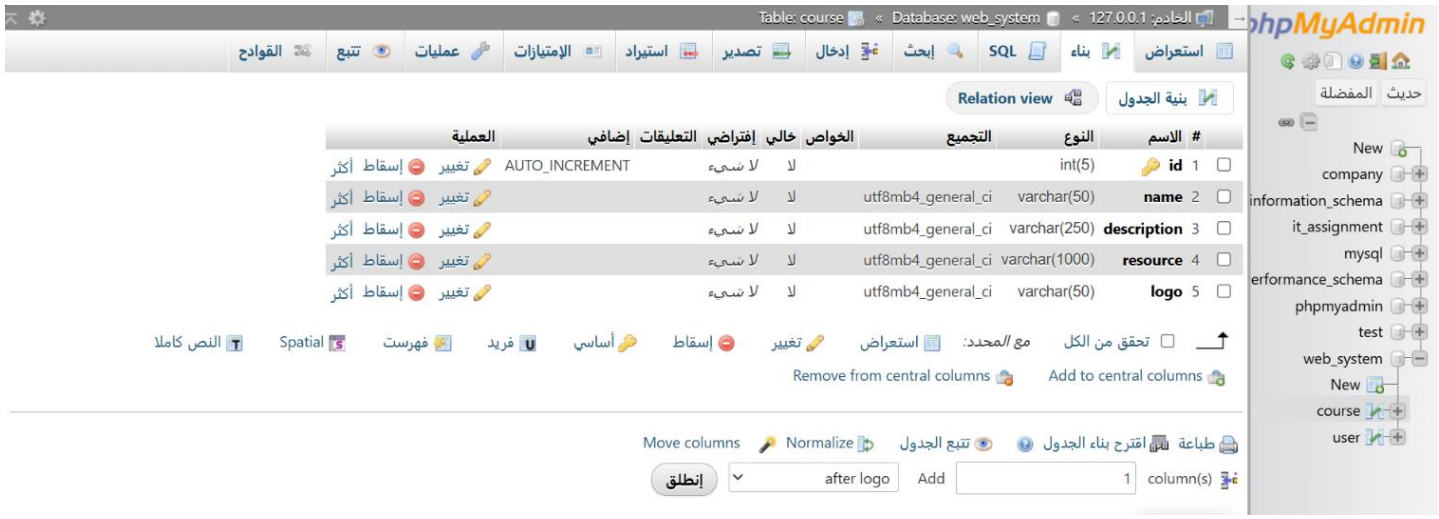
8. **The Admin Control Panel page:**

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

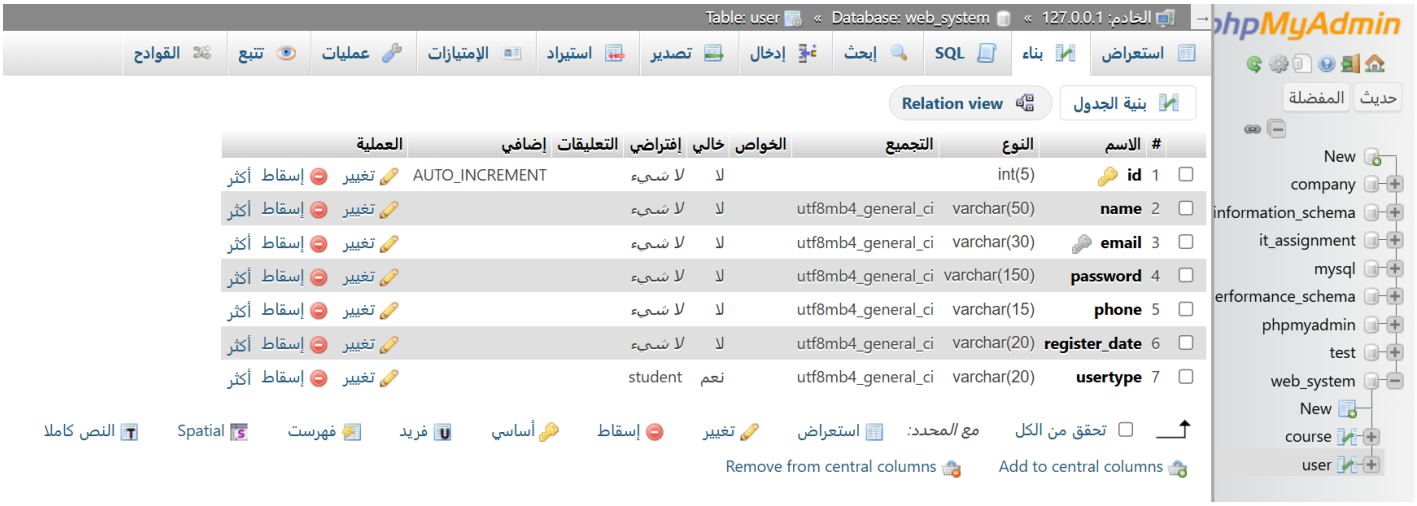


Database:

- **Admin Database**



- **User Database**



- **Users**

phpMyAdmin
table: user « Database: web_system « الخادم: 127.0.0.1
استعراض بناء SQL إبحث إدخال تصدير استيراد الإمتيازات عمليات تتبع القوادح
Showing rows 0 - 4 (المجموع 5، استغرق الاستعلام 0.0006 ثانية.)
SELECT * FROM `user`
جانبي [تحرير مُصمّن] [تعديل] [شرح SQL] [أنشئ كود PHP] [تحديث]
عرض الكل | عدد الأسطر: 25 تصفية الصفوف: ابحث في هذا الجدول Sort by key: لا شيء
Extra options
id name email password phone register_date usertype
1 layan layan23@gmail.com e10adc3949ba59abbe56e057f20f883e 96650112549658 2024-10-08 17:06:53 admin
2 layan layan@gmail.com e99a18c428cb38d5f260853678922e03 966552412389 2024-10-11 23:43:14 student
3 laym laym@gmail.com 827ccb0eea8a706c4c34a16891f84e7b 0505154773 2024-10-14 10:03:37 student
4 lama lama@gmail.com 02b1be0d48924c327124732726097157 0555154773 2024-10-14 10:04:14 student
5 jady jady@gmail.com c6f057b86584942e415435ffb1fa93d4 0556164883 2024-10-14 10:04:46 student
تحقق من الكل مع المحدد: تعديل نسخ حذف تصدير
عمليّات على نتائج الإستعلام
New
company
information_schema
it_assignment
mysql
performance_schema
phpmyadmin
test
web_system
New
course
user

Usability test:

Criteria		***User#1*** ***Name:*** *layan* ***Email:*** *layan@gmail.com*	***User#2*** ***Name:*** *laym* ***Email:*** *laym@gmail.com*	**User#3** ***Name:*** *lama* ***Email:*** *lama@gmail.com*	**User#4** ***Name:*** *jady* ***Email:*** *jady@gmail.com*	***User#5*** ***Admin*** ***Name:*** *layan* ***Email:*** *layan23@gmail.com*
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* (*https://ajdur.com/sa*)	*Baims* (*https://app.baims.com/ar*)	**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	