
LEARNING MANAGEMENT SYSTEM

Usecase + UI + DATABASE

Presented by Hưng



List of actors

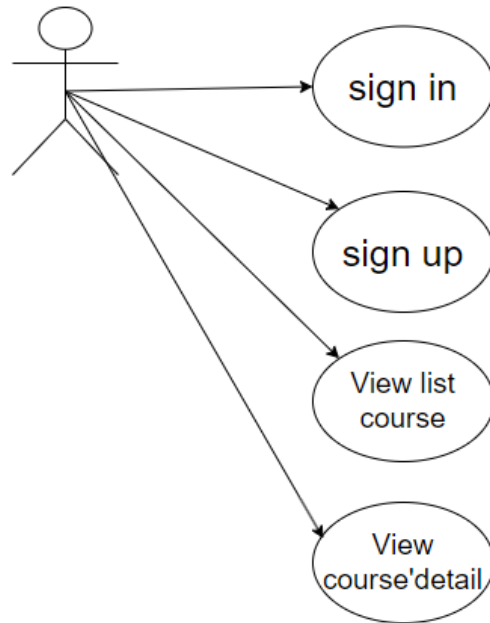
→ 1 Unregistered user

→ 2 Teacher

→ 3 Student

1. Unregistered User

Unregistered user



Sign in



Already have an account? [Sign in](#)

Sign in

Email
example.email@gmail.com

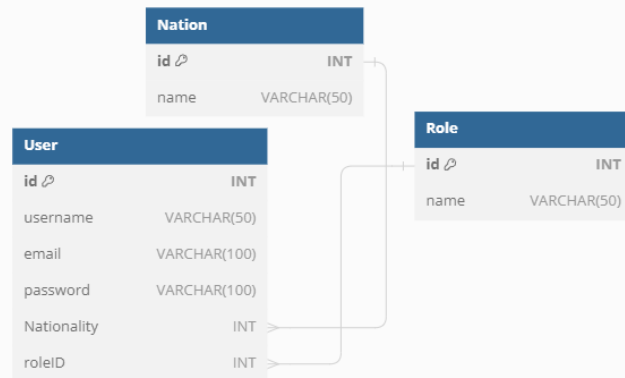
Password
Enter at least 8+ characters

☒ Remember me

[Forgot password?](#)

Sign in

Or sign in with



Sign up



Already have an account? [Sign in](#)

Create account

Full name

Your full name

Username

Your username

Country

-Select your title-

Location

-Select your location-

Email

example.email@gmail.com

Password

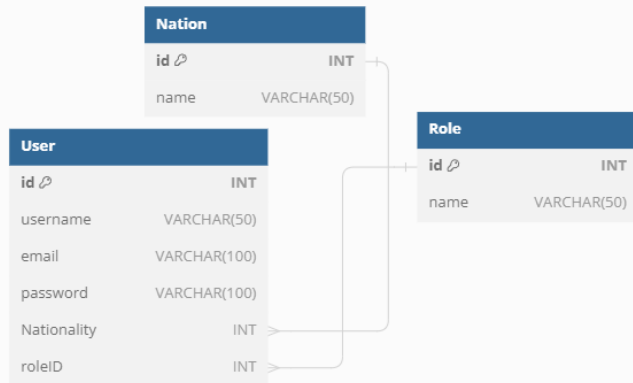
☒ Receive montly product updates

Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequa

☐ See info about people who view my profile

Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequa


Sign up



View list courses

Recommended for you


[View all >](#)



Video **Beginner Level**

Grow Your Video Editing Skills from Experts


★ 4.5 (1253) **\$39**



Photography

Easy and Creative Food Art Ideas Decoration


★ 4.5 (1233) **\$59**



Lifestyle

Create Your Own Sustainable Fashion Style

★ 4.5 (123) **\$29**



Marketing **Beginner Level**


Grow Your Skills Fashion Marketing

★ 4.5 (123) **\$39**

Digital Illustrations

Qui eliquip quis magna non sint voluptate officia qui.
Laborum sit mollit id sint et dolore conseq


[Explore more](#)



● ● ● ● ●

Popular courses


[View all >](#)



Graphic Design **Best-seller**

Digital Poster Design: Best Practices


★ 4.5 (1253) **\$39**



Graphic Design **Best-seller**

Create Emotional & Trendy Typography


★ 4.5 (1233) **\$59**



Graphic Design

Create Vector Illustrations for Beginner

★ 4.5 (123) **\$29**

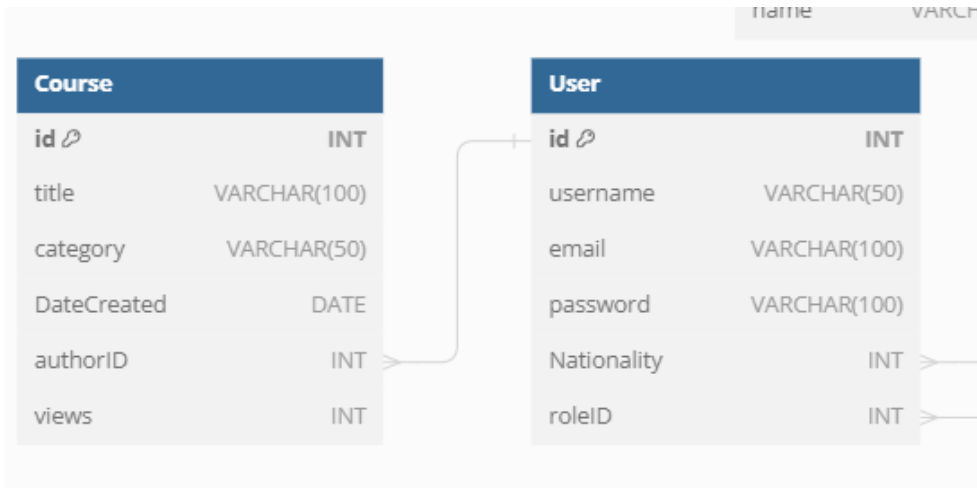


Graphic Design **Best-seller**

How to Design a Creative Book Cover

★ 4.5 (123) **\$19**

Trending courses

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View course's detail

Home/ Design / UI/UX Design

UI Design, A User-Centered Approach

★ 4.5 (99 reviews) | Klara Weaver

Share

Save



[Class description](#) [Benefits](#) [Reviews \(99\)](#) [Related courses](#)

Class description

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Lorem lorem aliquam sed lacinia quis. Nibh dictumst vulputate odio pellentesque sit quis ac, sit ipsum. Sit rhoncus velit in sed massa arcu sit eu. Vitae et vitae eget lorem non dui. Sollicitudin ut mi adipiscing dui.

Convallis in semper laoreet nibh leo. Vivamus malesuada ipsum pulvinar non rutrum risus dui, risus. Purus massa velit iaculis tincidunt tortor, risus, scelerisque risus. In at lorem pellentesque orci aenean dictum dignissim in. Aenean pulvinar diam interdum ullamcorper. Vel urna, tortor, massa metus purus metus. Maecenas mollis in velit auctor cursus scelerisque eget. Nibh faucibus purus elementum ultrices elementum, urna.

Benefits



Klara Weaver

Top teacher

Follow

UX: Design with a User...

★ 4.5

Course (12 lessons)

\$49

Document

Free

0

Total

\$49

Course

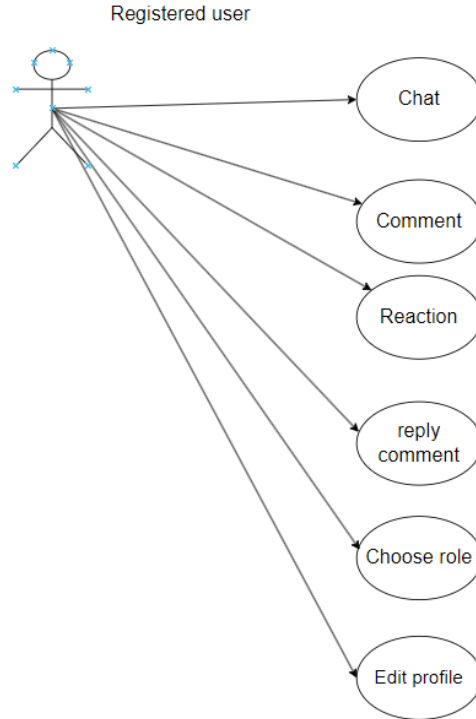
id	INT
title	VARCHAR(100)
description	TEXT
category	VARCHAR(50)
DateCreated	DATE
authorID	INT
views	INT

User

id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

2. Registered User (Teacher and Student)

Both teacher and student can use these use cases



Use case: Choose role (first time login)

Choose what suit you

Initiate the agreement creation process by specifying the worker type



Teacher

Lrorem nium

[Find out more](#)



Student

Join wonder full courses

[Find out more](#)



User

id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

Role

id	INT
name	VARCHAR(50)

Use case: Edit profile

Home / Settings

Settings



Jay Rutherford
Professional title

Incididunt dolore ut aliquip culpa id
cupidatat mollit dolore sint esse non c

Profile link
<https://www.profilelink.com>

Profile

Password

Notifications 8

Export data

Plugins

Save chat history

Delete your account

Edit profile

Profile photo

Upload your photo

Your photo should be in PNG or JPG format

Choose image Remove

Full name

Jay Rutherford

Email

emily@gmail.com

Location

-Select your country-

About me

Tell something about yourself

Cancel Save profile

User	
id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

Use case: Chat

Messages

Cynthia Snyder 1:17 PM

Annie Haley Mon
Ullamco exercitation magna

Jevon Raynor Sun
Vestis amet enim ad dui deserunt

Selina Rutherford Fri
Duis pariat in nostrud mollit iur

Emelia Rowe Nov 4
Culpa culpa id voluptate ad elit su

Frank Sinat Nov 3
Quis proident deserunt aliquam ess

James Smith Nov 1
Anim labore consectetur officia in

Fiona Jackson Sep 28
Sint aute nisi inure exercitation vel

Green William Sep 16
Sunt sint eu quis fugiat adipiscing

James Smith Nov 1
Anim labore consectetur officia in

Inola Yatzil Nov 1
Anim labore consectetur officia in

Nicte Tupaq Nov 1
Anim labore consectetur officia in

Ayelen Nalche Nov 1
Anim labore consectetur officia in

Iara Meztli Nov 1
Anim labore consectetur officia in

Meeting invitation: Proposal Sep 30, 2022 | 10:00 - 10:30 AM

Today

1:12 PM

Good morning Cynthia. As confirmed with you via call, I'll set a meeting on Monday with you. Does 10 am work for you? Or are there any other slots that you prefer?

1:12 PM

Yes, it works for me. Could you please send me the documents in advance?

1:12 PM

Sure. I will send you the meeting invitation and attach the documents below. Thank you so much!

1:15 PM

Document - Sep 30.pdf 120 kB

You sent Cynthia Snyder an invite

Meeting invitation: Proposal Sep 30, 2022 | 10:00 - 10:30 AM

Online meeting [Link here](#)

Cynthia Snyder Doris Fisher

Romy Murray Hiring Manager

Incididunt dolore ut aliquip culpa id cupidatat mollit dolore sint

File (2)

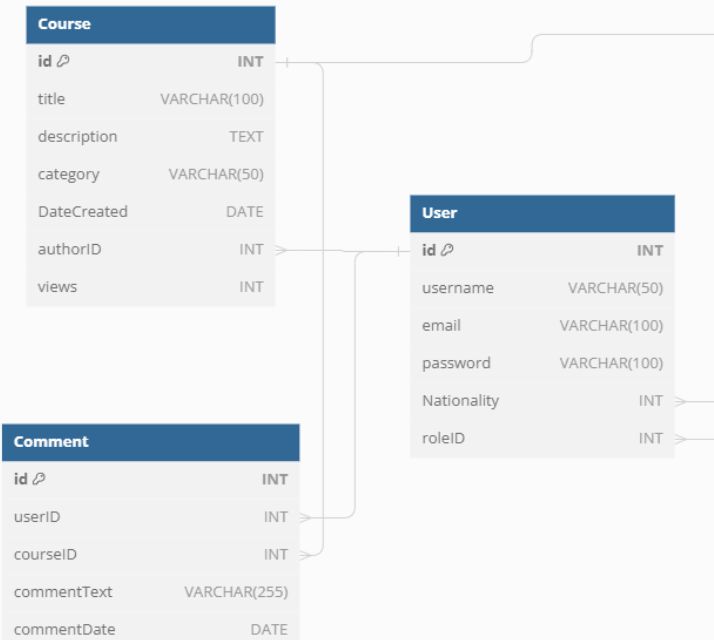
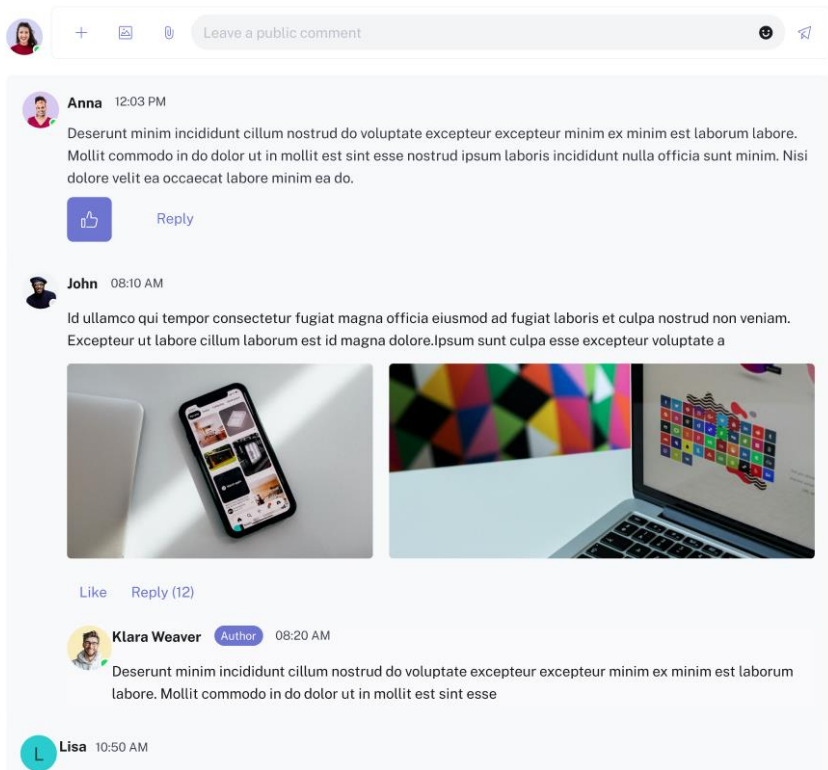
JD - UX UI Designer.pdf 120 kB

CV - Jay Rutherford.pdf 120 kB

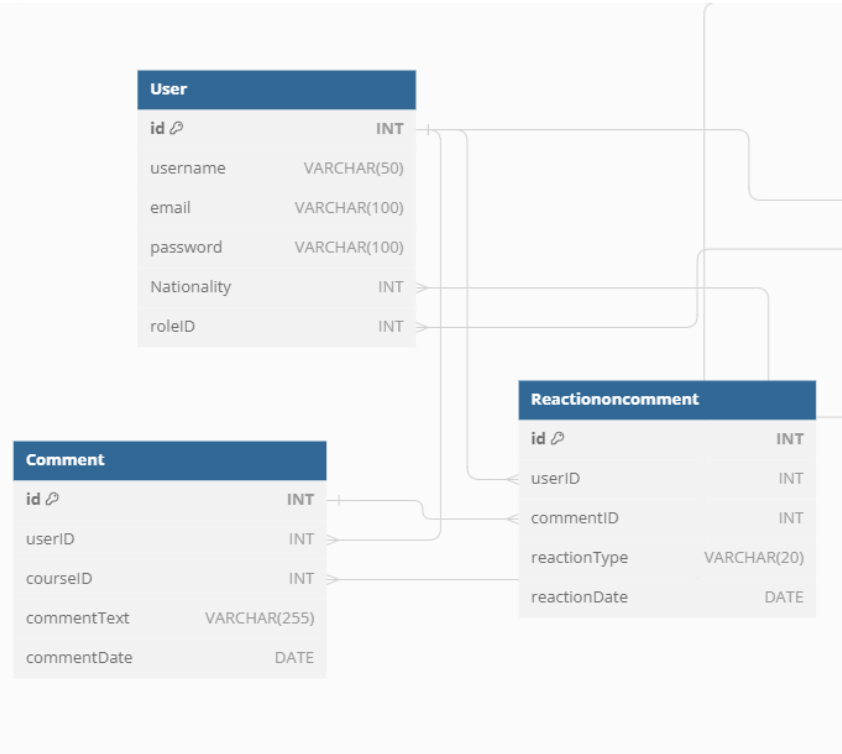
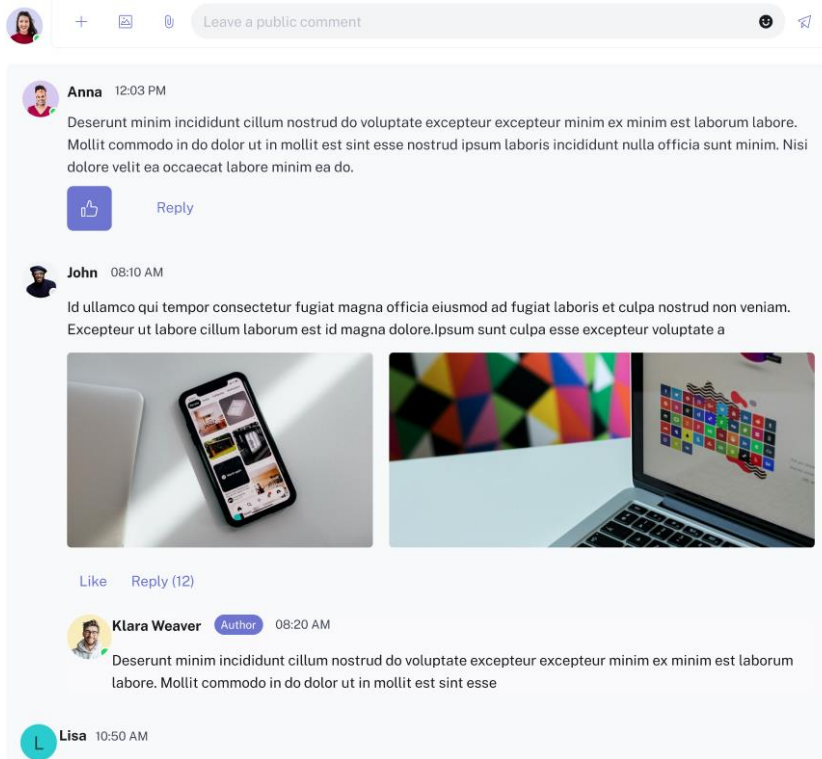
User	
id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

Chat	
id	INT
senderID	INT
receiverID	INT
messageText	VARCHAR(255)
sentTime	DATETIME

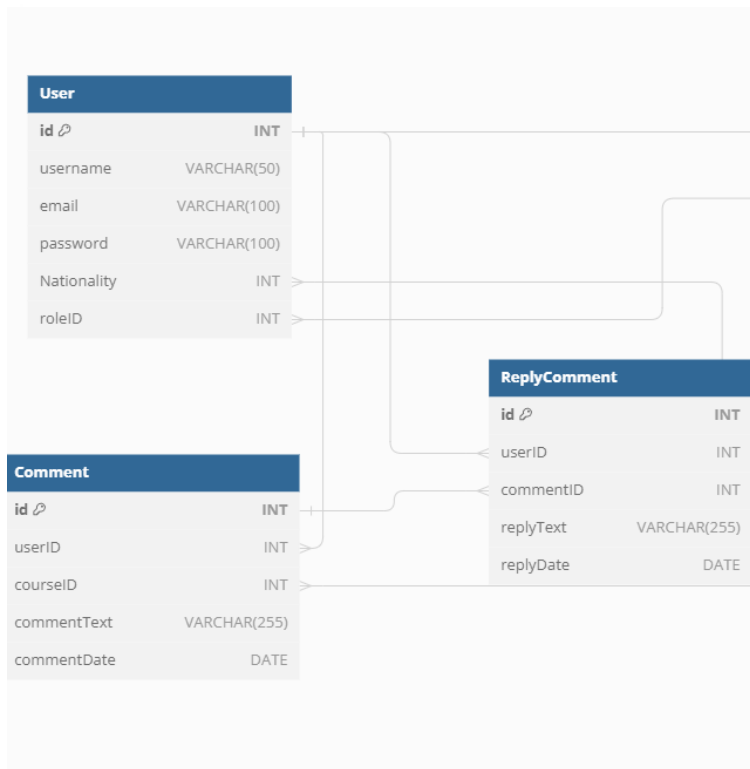
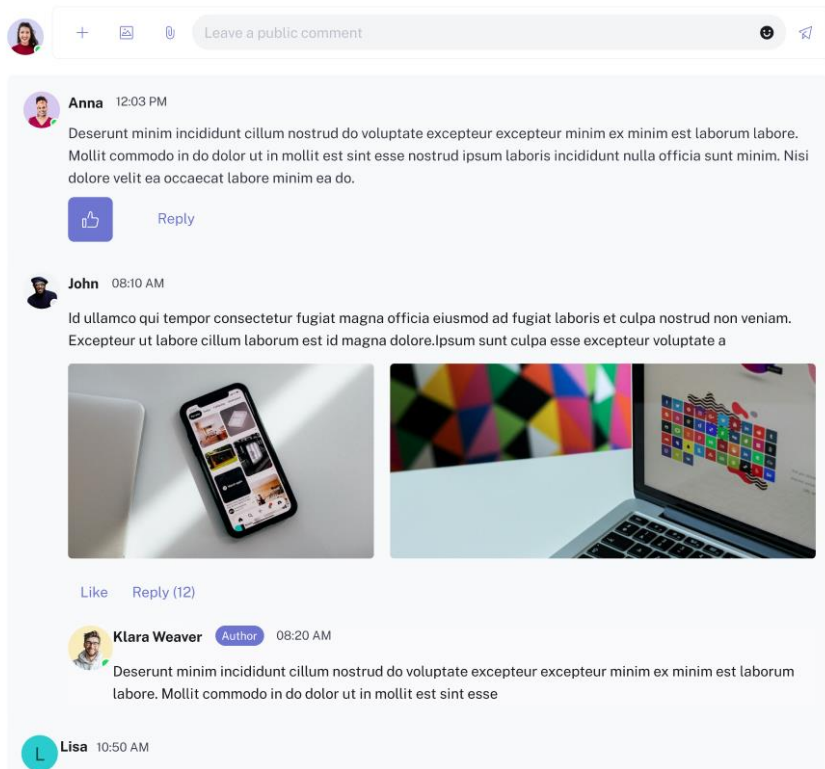
Use case: Comment



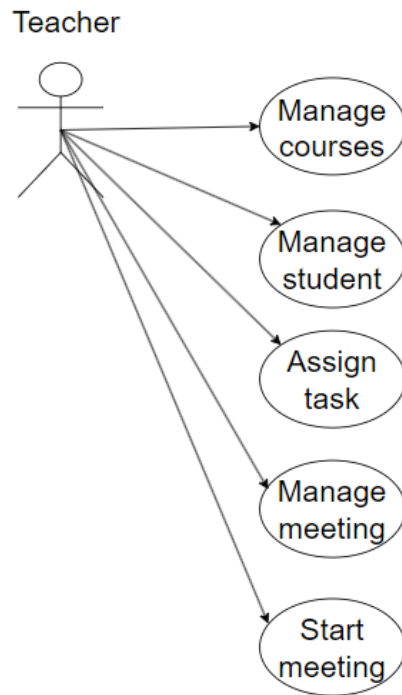
Use case: Reaction Comment




Use case: Reply Comment



2.1 Teacher



Use case: Manage course



Dianana Ross
Senior UI/UX Designer
New York - 09:30 AM
Teacher Designer

Top teacher

Overview

Adipiscing ipsum commodo cupidatat Lorem id velit laborum laborum proident. Nulla voluptate deserunt ipsum dolor nostrud dolor eu anim elit aliqua excepteur dolor velit voluptate mollit aliqua no


Rating	Reviews	Courses	Students
4.8	1000+	12	1000+

Courses

Sort by: Newest ▾

UI Design, A User-Centered Approach

May 2021 ★★★★★



Free Document


Anim aliqua fugiat consequat minim in sunt aute aliquip labore sint consectetur

14 hours / 12 lessons

Edit

How to Set Up a Design System

May 2021 ★★★★★



30% Off

Anim aliqua fugiat consequat minim in sunt aute aliquip labore sint consectetur labore culpa adi

14 hours / 12 lessons

Start meeting

Create new courses

4.8/5

(1000+ reviews)

★★★★★

Reponse time

Very responsive to messages [↗](#)

Certificates

Google UX Design Professional [↗](#)

Profile Link

<https://Klara-Design.com>

Copy Link




Diagram illustrating the database schema for the course management system, showing relationships between User, Course, and Role tables.

```
graph LR
    User((User)) --> Course((Course))
    User --> Role((Role))
    Role --> Course
```

User Table:

- id (INT)
- username (VARCHAR(50))
- email (VARCHAR(100))
- password (VARCHAR(100))
- Nationality (INT)
- roleID (INT)

Course Table:

- id (INT)
- title (VARCHAR(100))
- description (TEXT)
- category (VARCHAR(50))
- DateCreated (DATE)
- authorID (INT)
- views (INT)

Role Table:

- id (INT)
- name (VARCHAR(50))

Relationships:

- User (id) is linked to Course (authorID).
- User (id) is linked to Role (id).
- Role (id) is linked to Course (authorID).

Use case: Manage course (create new course)

Title *

Duis consectetur adipisicing irure anim incididunt ex Lorem ullamco fugiat

Unknown Birds

Description

Duis consectetur adipisicing irure anim incididunt ex Lorem ullamco fugiat

Input description

Collection

Duis consectetur adipisicing irure anim incididunt ex Lorem ullamco fugiat

Unknown Birds

Lessons

+ Add

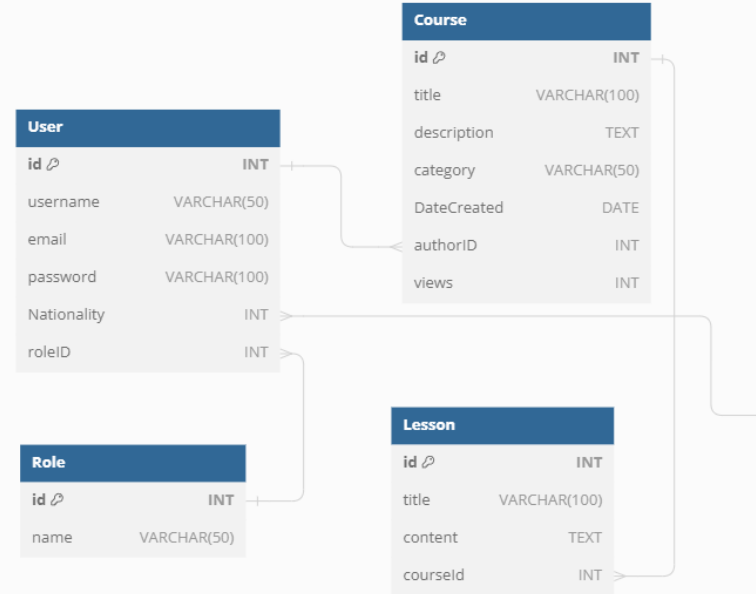
Duis consectetur adipisicing irure anim incididunt ex Lorem ullamco fugiat

LESSON 1	True	Eu sunt et magna	✕
LESSON 2	True	Amet ipsum sint	✕

Level

+ Add

Duis consectetur adipisicing irure anim incididunt ex Lorem ullamco fugiat



Use case: Manage students

Search

Q Designer

Filter

Location

Course

32 results for 'Designer'



Diana Ross

New York

UX Research UI Design Web Design

Sent message

Remove



Nulla Culp

New York

UX Research UI Design Web Design

Sent message

Remove



Anna Jone

New York

UX Research UI Design Web Design

Sent message

Remove



Gabriel Thomas

New York

UX Research UI Design Web Design

Sent message

Remove

Nation

id	INT
name	VARCHAR(50)

User

id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

Role

id	INT
name	VARCHAR(50)

Course

id	INT
title	VARCHAR(100)
description	TEXT
category	VARCHAR(50)
DateCreated	DATE
authorID	INT
views	INT

EnrollCourse

id	INT
userId	INT
CourseId	INT
enrollDay	DATE

Use case: Assign tasks

Project Name / Task ID -1404



Today Assign

Priority

High

Label

Label

Label

Label

+ Add label

Owner



Emma Willis

Assignee



Emma Willis

Due date

April 28, 2022

ATTACHMENTS

[Document link](#)

+ Add attachments

DESCRIPTION

Elit nisi ad excepteur aliquip cupidatat aliquip occaecat consectetur ex. Non culpa laborum pariatur mollit anim et nisi quis sint enim consequat fugiat consequat labore. Occaecat Lorem dolore irure esse et est adipiscing deserunt.

Nation	
id	INT
name	VARCHAR(50)

Role	
id	INT
name	VARCHAR(50)

User	
id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

Task	
id	INT
title	VARCHAR(100)
description	TEXT
authorID	INT
assignedTo	INT
createdDate	DATETIME
dueDate	DATETIME
status	VARCHAR(20)
priority	INT

Use case: Manage meetings

The image displays a calendar application interface with a weekly view. The time slots range from 08:00 AM to 03:00 PM. A modal window titled "Add Meeting" is open, allowing users to create a new meeting. The modal includes fields for Meeting Name, Date, Time, Location, and Invitees. A dashed blue line indicates the current time is 10:30 AM.

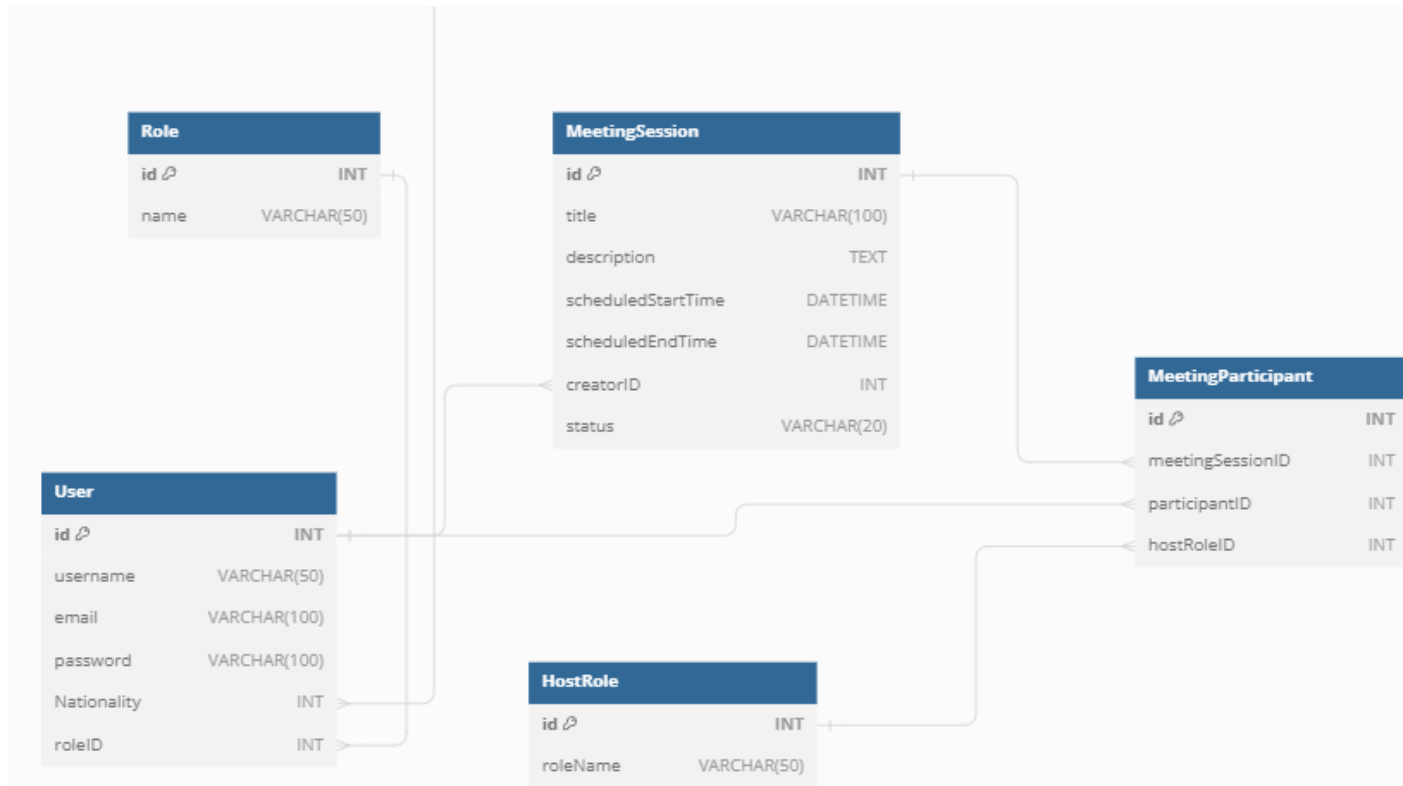
Calendar Meetings:

- Project Kickoff** (08:00 - 09:00 AM)
- Happy Hour** (11:00 - 12:00 PM)
- One-on-one** (01:00 - 02:00 PM)
- One-on-one** (02:00 - 03:00 PM)
- Weekly Meeting** (01:00 - 02:00 PM)

Add Meeting Modal Fields:

- Meeting Name:** Meeting Name
- Date:** Tue, Jul 18
- Time:** 09:00 - 12:00 PM
- Location:** Room 01
- Online Link:** Link.c...
- Invitees:** Emily Taylor, Jennifer Scott, + Add
- Advanced settings** (button)

Use case: Manage meetings



Use case: start meeting

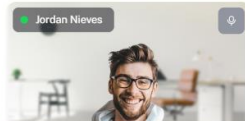
Meeting title

12:00

Internal

Sep 02, 2022

08:00 - 09:00 AM



Participants 4

- Benjamin Crawford
- Christian Scott
- Deborah Chu
- Jordan Nieves

Chat

- Deborah Chu 1:12 PM
Lorem excepteur magna voluptate ex
dolore exercitation amet
- Jordan Nieves 1:12 PM
Eiusmod laborum culpa est magna cil
elit proident magna anim consectetur
- Benjamin Crawford 1:12 PM

Role	
id	INT
name	VARCHAR(50)

MeetingSession	
id	INT
title	VARCHAR(100)
description	TEXT
scheduledStartTime	DATETIME
scheduledEndTime	DATETIME
creatorID	INT
status	VARCHAR(20)

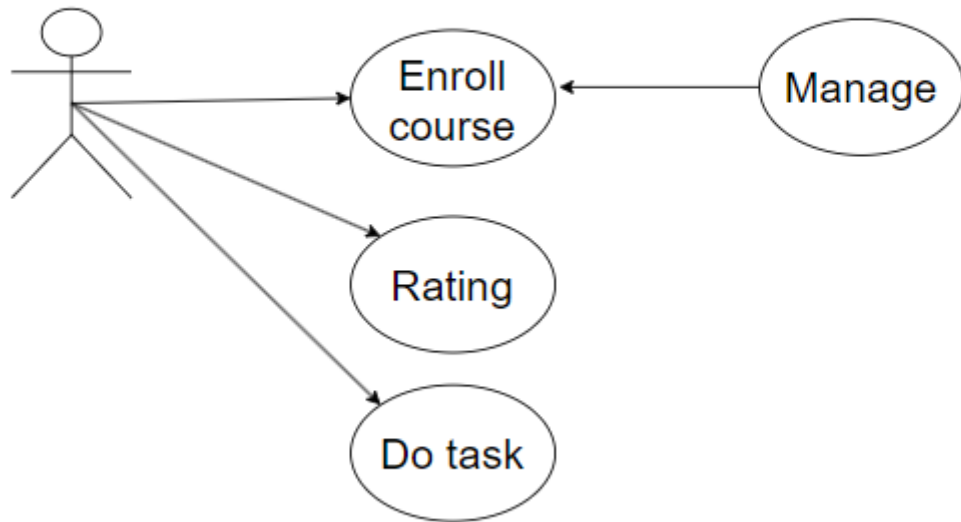
User	
id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

MeetingParticipant	
id	INT
meetingSessionID	INT
participantID	INT
hostRoleID	INT

HostRole	
id	INT
roleName	VARCHAR(50)

2.2 Student

Student



Use case: enroll course



[Class description](#) [Benefits](#) [Reviews \(99\)](#) [Related courses](#)

Class description

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Lorem lorem aliquam sed tacinia quis. Nibh dictumst vulputate odio pellentesque sit quis ac, sit ipsum. Sit rhoncus velit in sed massa arcu sit eu. Vitae et vitae eget lorem non dui. Sollicitudin ut mi adipiscing duis.

Convallis in semper laoreet nibh leo. Vivamus malesuada ipsum pulvinar non rutrum risus dui, risus. Purus massa velit iaculis tincidunt tortor, risus, scelerisque risus. In at lorem pellentesque orci aenean dictum dignissim in. Aenean pulvinar diam interdum ullamcorper. Vel urna, tortor, massa metus purus metus. Maecenas mollis in velit auctor cursus scelerisque eget. Nibh faucibus purus elementum ultrices elementum, urna.

Benefits

- 14 hours on-demand video
- Full lifetime access
- Native teacher
- Certificate of complete
- 100% free document
- 24/7 support



Klara Weaver

Top teacher

[Follow](#)

UX: Design with a User...

★ 4.5

Course (12 lessons)

Document Free

0

Enroll

Add to cart

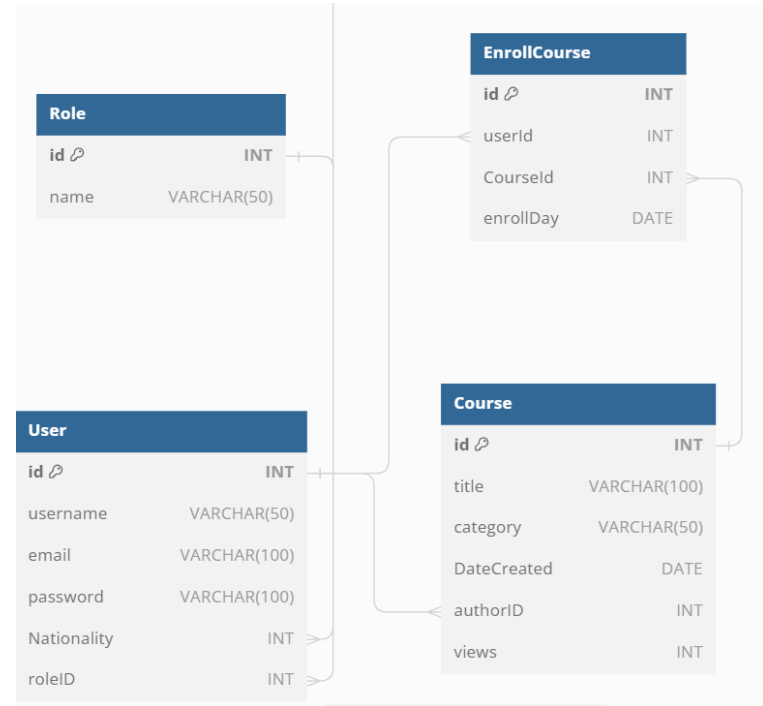
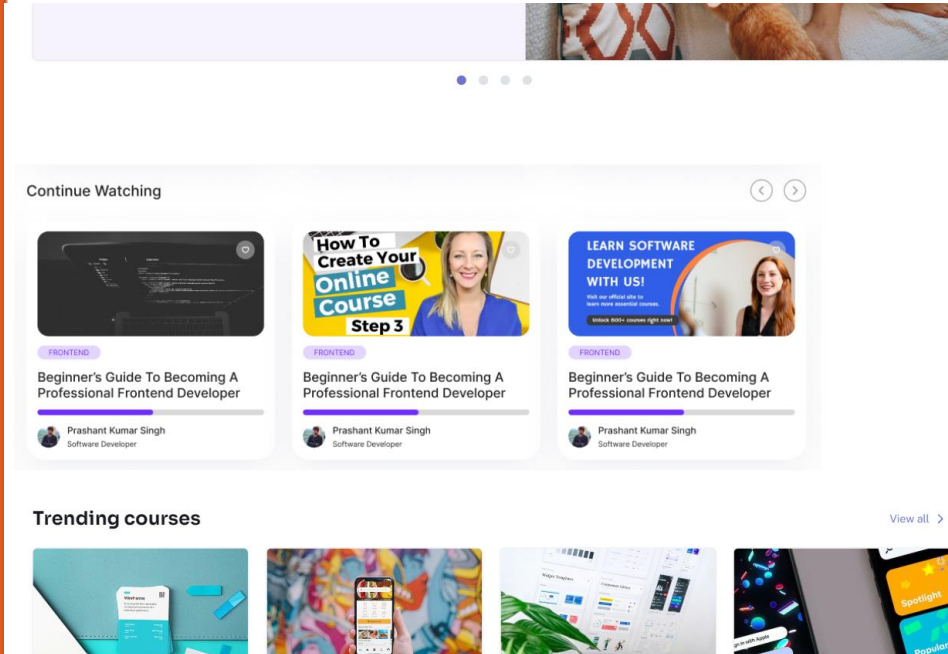
Role	
id	INT
name	VARCHAR(50)

User	
id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

EnrollCourse	
id	INT
userId	INT
CourseId	INT
enrollDay	DATE

Course	
id	INT
title	VARCHAR(100)
category	VARCHAR(50)
DateCreated	DATE
authorID	INT
views	INT

Use case: manage enroll course



Use case: Do tasks

TO DO

IN PROGRESS

DONE

Ea excepteur mollit fugiat amet elit

Label Label

3 1

Enim adipisicing aliqua inure eiusmod

Label Label

3 1

Enim adipisicing aliqua inure eiusmod

Label Label

3 1

Ea excepteur mollit fugiat amet elit

Label Label Label

3 1

Task title

Label Label

Last update : 5 mins ago

General Info

Status: To do Priority: Medium Due Date: Tomorrow Members: 2

Description

Esse enim laboris anim duis eiusmod minim. Quis eiusmod consequat in id sunt velit ex ipsum consequat. Ea sunt eiusmod ipsum laboris qui nulla

Attachments

Image.jpg

Checklist

2/3

- ☒ Proident commodo
- ☒ Minim laboris non
- ☐ Laboris deserunt

Discussion

Anna 12:03 PM
Deserunt minim incididunt cillum nostrud do voluptate excepteur excepteur minim

Liked Reply

Klara Weaver 08:20 AM
Deserunt minim incididunt cillum nostrud do voluptate excepteur excepteur minim ex minim est laborum labore

Add a comment

Nation	
id	INT
name	VARCHAR(50)

Role	
id	INT
name	VARCHAR(50)

User	
id	INT
username	VARCHAR(50)
email	VARCHAR(100)
password	VARCHAR(100)
Nationality	INT
roleID	INT

Task	
id	INT
title	VARCHAR(100)
description	TEXT
authorID	INT
assignedTo	INT
createdDate	DATETIME
dueDate	DATETIME
status	VARCHAR(20)
priority	INT

Use case: Rating

Rating

Incididunt est ea irur
Duis ipsum enim quis velit laboris dolore
aliqua dolore incididunt laboris non non. Et in
qui aliquip pariatur

How was the course?

★★★★★

Proident aliquip molli?

Cupidatat incididunt ☐

Ad nostrud est est ☐

Cupidatat incididunt ☒

Ad nostrud est est ☒

Nostrud ☐

Ad nostrud est est ☐

Submit



