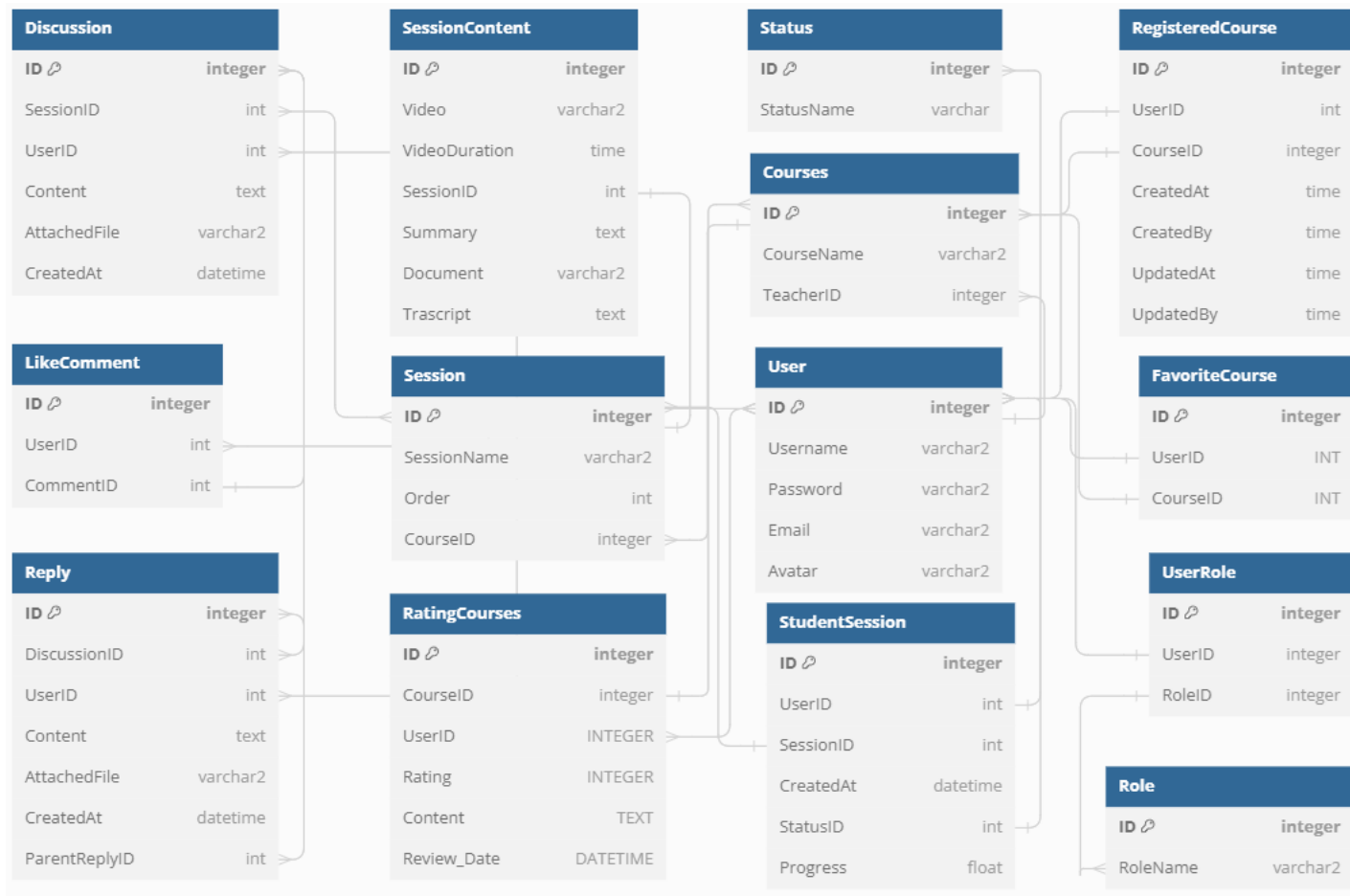


# Database of Course Learning

Truong Hoai Nam



# General database



Link database: [https://dbdiagram.io/d/Course\\_learning-6623a1a003593b6b617f4302](https://dbdiagram.io/d/Course_learning-6623a1a003593b6b617f4302)

# UI Design, A User - Centered Approach

Klara Weaver | ★ 4.9 (1395 reviews)

Share

Save

```
-- Name Course
SELECT CourseName FROM Courses
WHERE ID = 1

-- Name Teacher
SELECT c.CourseName, Username, Avatar FROM [User]
JOIN Courses c ON c.TeacherID = [User].ID
WHERE c.ID = 1

-- Average votes of the course - Total number of votes
SELECT AVG(Rating) AvgRating, COUNT(Rating) Review
FROM RatingCourses
WHERE CourseID = 1

-- Share Course
SELECT LinkCourse FROM Courses
WHERE ID = 1

-- Save Course
INSERT INTO [FavoriteCourse] (UserID, CourseID)
VALUES (3, 2)
```

User					Role		UserRole		
ID	UserName	Password	Email	Avatar	ID	RoleName	ID	UserID	RoleID
1	Dao Vo	123	daovo@email.com	avatar.jpg	1	Admin	1	1	1
2	Hoai Nam	456	hoainam@email.com	avatar2.jpg	2	Teacher	2	1	2
3	Jimmy	789	jimmy@email.com	avatar3.jpg	3	Student	3	2	2
							4	2	3
							5	3	3

Course				FavoriteCourse		
ID	CourseName	TeacherID	LinkCourse	ID	UserID	CourseID
1	UI/UX Design	1	elearning.com/course-1	1	2	1
2	HTML/CSS	1	elearning.com/course-2	2	2	2
3	Database	2	elearning.com/course-3	3	3	3

RegisteredCourse						
ID	UserID	CourseID	CreatedAt	UpdatedAt	CreatedBy	UpdatedBy
1	2	1	10:00	11:00	Null	Null
2	2	3	12:00	13:00	Null	Null
3	3	2	14:00	15:00	Null	Null

RatingCourse					
ID	CourseID	UserID	Rating	Content	Time
1	1	2	5	Good	8:00
2	2	2	4	Nice	7:45
3	3	3	3	Boring	7:50

CourseName	Username	Avatar
UI/UX Design	Dao Vo	avatar.jpg
AvgRating	Review	
4	2	
LinkCourse		
elearning.com/course-1		

# Show Sessions – Progress of Sessions

## Sessions

3/12 Completed

01. Consectetur adipiscing elit



02. Mollit voluptate adipisicing



03. Officia pariatur Lorem sit



04. Avoluptate adipisicing



05. Exercitation elit incididunt esse

Video

Video1

Progress

2/4

Order	SessionName	StatusName
1	Introduction to UI/UX	Completed
2	User Interface Design Principles	In Progress
3	User Experience Design Princi...	Pending

-- Show Video of Session

```
SELECT sc.Video FROM [SessionContent] sc
JOIN [Session] s ON s.ID = sc.SessionID
WHERE s.ID = 1
```

-- Show Progress of Session

```
SELECT CONCAT(COUNT(CASE WHEN StatusID = 1 THEN 1 END),
              '/', COUNT(SessionID)) AS Progress
FROM [StudentSession]
WHERE UserID = 2;
```

-- Sessions

```
SELECT s.[Order], s.[SessionName], [Status].StatusName
FROM [Session] s
JOIN Courses c ON c.ID = s.CourseID
JOIN StudentSession ss ON ss.SessionID = s.ID
JOIN [Status] ON [Status].ID = ss.StatusID
WHERE c.ID = 1
ORDER BY s.[Order]
```

Session

ID	SessionName	Order	CourseID
1	Introduction to UI/UX	1	1
2	UI Design Principles	2	1
3	UXDesign Principles	3	1
4	Introduction to HTML/CSS	1	2
5	HTML/CSS Basic	2	2
6		1	3

Status

ID	StatusName
1	Completed
2	InProgress
3	Pending


StudentSession

ID	UserID	SessionID	CreatedAt	StatusID	Progress
1	2	1	4/22/2024 10:00	1	0:00
2	2	2	4/22/2024 10:30	2	12:00
3	2	3	4/22/2024 11:00	3	0:00
4	2	4	4/22/2024 12:00	1	1


SessionContent


ID	SessionID	Video	VideoDuration	Summary	Document	Trascript
1	1	Video 1	1:00	Introduction to UI/UX Design Concepts	Intro_to_UIUX.pdf	Session 1 Transcript
2	2	Video 2	1:30	Key Principles for Designing Effective User Interfaces	UI_Design_Principles.ppt	Session 2 Transcript
3	3	Video 3	2:00	Understanding User Experience (UX) Design Principles	UX_Design_Principles.docx	Session 3 Transcript
4	4	Video 4	2:30	Introduction to HTML & CSS Fundamentals	Intro_to_HTML_CSS.html	Session 4 Transcript
5	5	Null	3:00	Learning Basic HTML & CSS Syntax and Structure	HTML_CSS_Basics.pdf	Session 5 Transcript

# Add Comment – Like Comment - Reply






+





Leave a public comment






Anna

12:03 PM

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Reply

Discussion						
ID	SessionID	UserID	Content	AttachedFile	CreatedAt	
1	1	1	Having trouble understanding the conce	img1.png	#####	
2	1	2	What are some good resources for prac	NULL	#####	
3	2	2	Does anyone have recommendations fo	NULL	#####	

Reply						
ID	DiscussionID	UserID	Content	AttachedFile	CreatedAt	ParentReplyID
1	1	2	User personas are ficti	NULL	#####	NULL
2	1	2	There are many resour	html.txt	#####	NULL
3	NULL	3	Thanks for the explanat	NULL	#####	1

```
-- Add CommentSession
INSERT INTO [Discussion] (SessionID, UserID,
                          Content, AttachedFile, CreatedAt)
VALUES (3, 2, 'Can anyone explain?',
        '1.png', GETUTCDATE())

-- Like Comment
INSERT INTO [LikeComment] (CommentID, UserID)
VALUES (3, 2)

-- Add CommentReply
INSERT INTO [Reply] (DiscussionID, UserID, Content,
                    AttachedFile, CreatedAt, ParentReplyID)
VALUES (4, 3, 'You so funny!',
        NULL, GETUTCDATE(), NULL)
```

LikeComment		
ID	CommentID	UserID
1	1	2
2	1	3
3	2	3


# Session Content - Discussion

Summary

Discussion (50)

Resources & documents


Transcript




John

08:10 AM


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Like

Reply (12)



Klara Weaver

Author

08:20 AM

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Show more discussion (47)

Discussion					
ID	SessionID	UserID	Content	AttachedFile	CreatedAt
1	1	1	Having trouble understanding the conce	img1.png	#####
2	1	2	What are some good resources for pract	NULL	#####
3	2	2	Does anyone have recommendations for	NULL	#####

Reply						
ID	DiscussionID	UserID	Content	AttachedFile	CreatedAt	ParentReplyID
1	1	2	User personas are ficti	NULL	#####	NULL
2	1	2	There are many resourc	html.txt	#####	NULL
3	NULL	3	Thanks for the explanat	NULL	#####	1

SessionContent						
ID	SessionID	Video	VideoDuration	Summary	Document	Trascript
1	1	Video 1	1:00	Introduction to UI/UX Des	UI/UX.pdf	Session 1 Transcript
2	2	Video 2	1:30	Key Principles for Design	UI_Design.ppt	Session 2 Transcript
3	3	Video 3	2:00	Understanding User Expe	UX_Design.docx	Session 3 Transcript
4	4	Video 4	2:30	Introduction to HTML & C	HTML.doc	Session 4 Transcript
5	5	Null	3:00	Learning Basic HTML & C	CSS.pdf	Session 5 Transcript


# Session Content - Discussion

Summary

Discussion (50)

Resources & documents


Transcript




John

08:10 AM


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Like

Reply (12)



Klara Weaver

Author

08:20 AM

Deserunt minim incididunt cillum nostrud do voluptate excepteur excepteur minim ex minim est laborum labore. Mollit commodo in do dolor ut in mollit est sint esse

Show more discussion (47)

Summary	Document	Trascript
Introduction to UI/UX Design Concepts	Intro_to_UIUX.pdf	Session 1 Transcript

Avatar	Username	Content	AttachedFile	CreatedAt
avatar2.jpg	Hoai Nam	What are some good resources for practicing HTML ...	NULL	2024-04-23 12:00:00.000
avatar.jpg	Dao Vo	Having trouble understanding the concept of user pe...	persona_confusion.png	2024-04-23 10:00:00.000

Avatar	Username	Content	AttachedFile	CreatedAt
avatar2.jpg	Hoai Nam	There are many resources available! Here are a fe...	html_css_resources.txt	2024-04-23 13:00:00.000
avatar.jpg	Dao Vo	User personas are fictional characters that repres...	NULL	2024-04-23 11:00:00.000

```
-- Thông tin hỗ trợ
SELECT sc.Summary, sc.Document, sc.Trascript
FROM SessionContent sc
JOIN Session s ON s.ID = sc.SessionID
WHERE s.ID = 1

-- Discussions and Reply Decussions
SELECT u.Avatar, u.Username, Content, AttachedFile, CreatedAt FROM Discussion
JOIN [User] u ON u.ID = Discussion.UserID
WHERE Discussion.ID BETWEEN 1 AND 2
ORDER BY CreatedAt DESC

SELECT u.Avatar, u.Username, r.Content, r.AttachedFile, r.CreatedAt FROM Reply r
JOIN Discussion d ON d.ID = r.ID
JOIN [User] u ON u.ID = r.UserID
WHERE (d.ID BETWEEN 1 AND 2) AND (r.ID BETWEEN 1 AND 2)
ORDER BY d.CreatedAt DESC

-- Show all Discussions and Reply Decussions
SELECT u.Avatar, u.Username, Content, AttachedFile, CreatedAt FROM Discussion
JOIN [User] u ON u.ID = Discussion.UserID
ORDER BY CreatedAt DESC

SELECT u.Avatar, u.Username, r.Content, r.AttachedFile, r.CreatedAt FROM Reply r
JOIN Discussion d ON d.ID = r.ID
JOIN [User] u ON u.ID = r.UserID
ORDER BY d.CreatedAt DESC
```

Avatar	Username	Content	AttachedFile	CreatedAt
avatar2.jpg	Hoai Nam	Does anyone have recommendations for online UI/UX...	NULL	2024-04-23 15:00:00.000
avatar2.jpg	Hoai Nam	What are some good resources for practicing HTML ...	NULL	2024-04-23 12:00:00.000
avatar.jpg	Dao Vo	Having trouble understanding the concept of user pe...	persona_confusion.png	2024-04-23 10:00:00.000

Avatar	Username	Content	AttachedFile	CreatedAt
avatar3.jpg	Jimmy	Thanks for the explanation! This makes a lot more...	NULL	2024-04-23 11:30:00.000
avatar2.jpg	Hoai Nam	There are many resources available! Here are a fe...	html_css_resources.txt	2024-04-23 13:00:00.000
avatar.jpg	Dao Vo	User personas are fictional characters that repres...	NULL	2024-04-23 11:00:00.000

