

Mentorship program

Digital Learning Platform

Khuat Bao Nguyen





Agenda

01

Use Case
Diagram

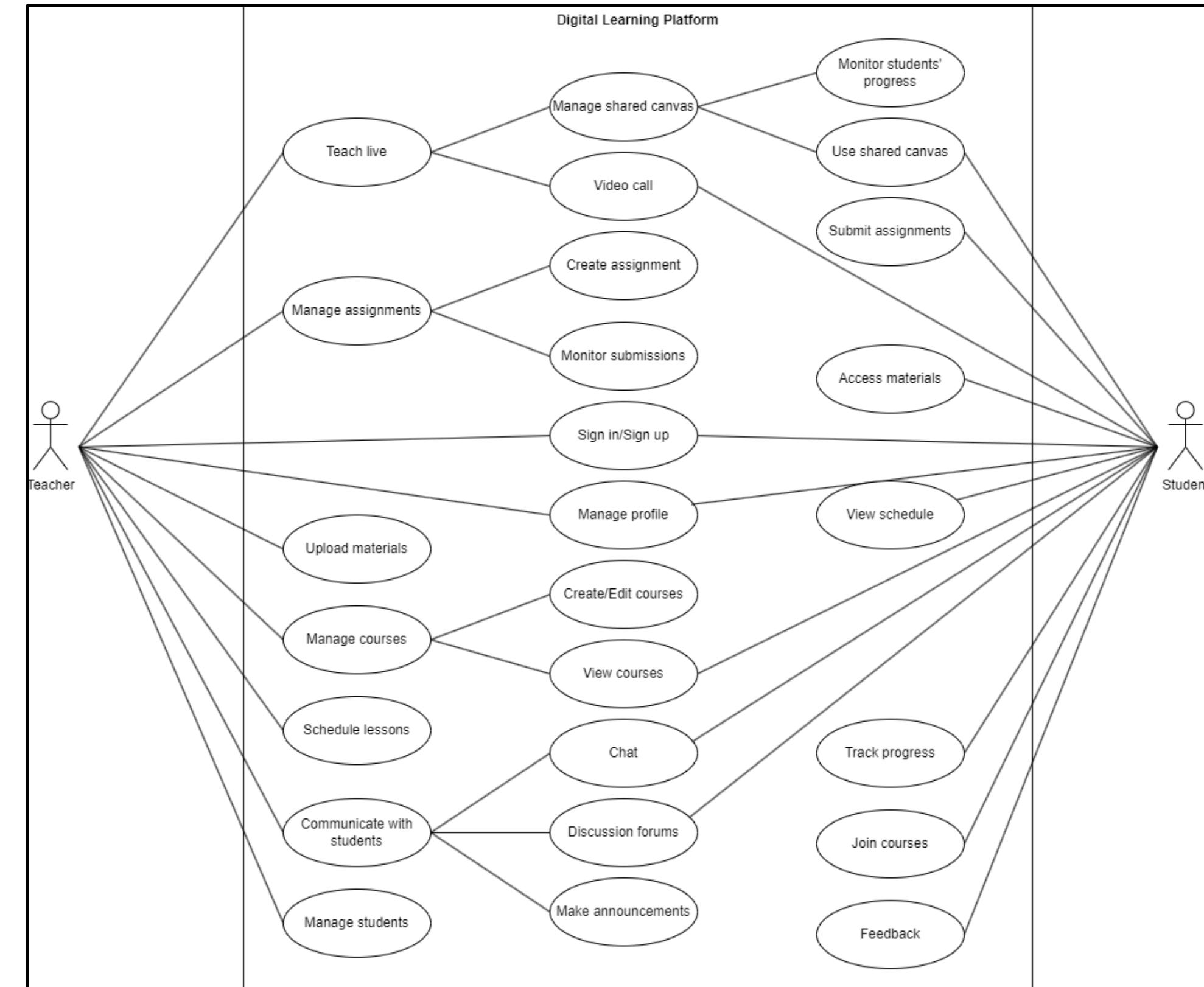
02

Mock Up

03

Database

Use Case Diagram



Mock Up

- 1 Demo videos
- 2 Shared features
- 3 For teachers
- 4 For students

DEMO VIDEOS

Demo video for teachers

Schedule lesson

Lesson Online

Schedule

Course Course's Name

Lesson's Name

Duration 60 mins

Timezone Eastern Time Zone (ET) - UTC-5

Pre-read materials

PDF Document's Name X +

PDF Document's Name X +

+ Add materials

Provide pre-read materials so that your students can have a better understanding of the lesson

← Back Save ✓

Demo video for students

UI Design, A User-Centered Approach

★ 4.5 (99 reviews) | Klara Weaver

Share Love

Announcements Progress Materials Assignments Discussion Forums Feedback

Announcements

Created with Visually

SHARED FEATURES

Sign in/ Sign up



The image shows a sign-in/sign-up interface. At the top left is a logo consisting of three colored dots (blue, yellow, and orange) followed by the word "Logo". At the top right, it says "Don't have an account? [Sign up](#)". Below this, the word "Sign in" is centered. To the left, there are input fields for "Full name" (John Doe), "Email" (example.email@gmail.com), and "Password" (with placeholder text "Enter at least 8+ characters"). Below these fields is a "Sign in" button. To the right of the password field is a white callout box with a purple border containing the text "Please tell us who you are" and "# digital learning experience". Inside the box are two blue buttons labeled "Teacher" and "Student". At the bottom left of the main form area, it says "Or sign in with" followed by icons for Google (G), Facebook (F), and Twitter (T). At the very bottom, it says "By signing in, you agree with the [Terms of Use](#) & [Privacy Policy](#)".

Manage profile

The screenshot shows a user profile settings interface. At the top, there's a navigation bar with a logo, 'My Courses', 'Schedule', 'My progress', 'Chat', a search bar, and a user icon. Below the navigation is a breadcrumb trail 'Home / Settings' and the main title 'Settings'. The 'General' tab is selected, while other tabs include 'Notifications', 'Language and Region', and 'Security'. On the left, there's a profile card for 'Jay Rutherford' (Teacher/Student) featuring a placeholder image, a bio placeholder, and a 'Profile link' (https://www.profilelink.com). The right side contains three main sections: 'Profile' (with fields for Full name, Username, Profession, Location, and Bio), 'Account' (with Email and Password fields), and 'Preferences' (with checkboxes for 'Receive montly product updates' and 'See info about people who view my profile'). A 'Save information' button is located at the bottom right.

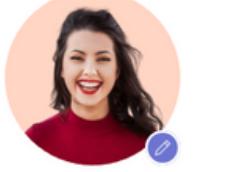
Logo My Courses Schedule My progress Chat

Search...

Home / Settings

Settings

General Notifications Language and Region Security


Jay Rutherford
Teacher/Student

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

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

Profile

Full name

Username

Profession

Location

Bio

Account

Email

Password

Preferences

Receive montly product updates
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat

See info about people who view my profile
Quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat

Save information

View courses (Courses listing)

The screenshot shows a user profile for Brenda Gardner, a top teacher, with an email address example@email.com. The main area displays a grid of 36 course items, each featuring a placeholder image of a smiling ghost-like face on an orange background. Each item is labeled "Unidentified Planet" and "Asset title #82983" followed by "Teacher's name". A filter sidebar on the left allows users to search for courses by field (All, Trending, Art, Design, Video, Music, Sport, Utilities), teacher (All, Teacher's name, Teacher's name), and status (All, In progress, Completed). The courses are sorted by Recent Access.

View courses (Course's details)

The screenshot shows a course details page for "UI Design, A User-Centered Approach". The top navigation bar includes "My Courses" (highlighted), "Schedule", "My progress", and "Chat". The search bar contains "Search..." and a user profile icon. Below the header, the course title "UI Design, A User-Centered Approach" is displayed with a 4.5 rating and 99 reviews by Klara Weaver. A "Lesson going on - Enter" button is visible. The main content area features two images: one showing a stack of wireframe cards and another showing a computer monitor displaying a wireframe interface. Below these are sections for "Announcements", "Materials", "Assignments", and "Feedback". The "Announcements" section shows four items, each with a placeholder image and the text "Teacher's name Cancel 10:00 class 1 hour ago". The "Materials" section shows four placeholder icons for Video, PDF, PPTX, and Link. The "Assignments" section shows four placeholder icons for Assignment 1. The "Feedback" section shows three reviews with placeholder images and names: Jay Rutherford, Jevon Raynor, and Emily Rowey, all rated 4.5 stars.

The screenshot shows a course progress and materials overview page. At the top, it displays "Progress" with a 25% completed bar. Below this is a "Materials" section with four placeholder icons for Video, PDF, PPTX, and Link, each with a timestamp: "Record of lesson 2 1 hour ago", "Reading of lesson 2 12 hours ago", "Powerpoint of lesson 2 2 hours ago", and "Book of the topic 1 hour ago". The "Assignments" section shows four placeholder icons for Assignment 1, each with a "5 days left" status. The "Discussion Forums" section shows four placeholder icons for Topic 1. The "Feedback" section shows three reviews with placeholder images and names: Jay Rutherford, Jevon Raynor, and Emily Rowey, all rated 4.5 stars. A "Leave a feedback" button is located at the bottom right. A "Show all feedbacks" button is also present.

Join courses

The screenshot shows a user profile for Brenda Gardner, a K12 student, with an email address example@email.com. The main area displays a grid of course cards, each featuring a placeholder image of a gray alien head with large eyes and a small mouth, the text "Unidentified Planet", "Asset title #82983", and "Teacher's name". A search bar at the top right is set to "Search courses" and has "Recent Access" selected as the sort order. On the left, a filter sidebar is open, showing options for "Field" (All, Trending, Art, Photography, Video, Music, Sport, Utilities), "Teachers" (All, Teacher's name, Teacher's name), and "Status" (All, In progress, Completed). A modal window titled "Join a new course" is centered over the grid, containing a text input field labeled "Enter course's name or id" and a "Done" button.

Video call (Attend live lessons)



View announcements

The screenshot shows a course management interface for a course titled "UI Design, A User-Centered Approach" by Klara Weaver. The course has a rating of 4.5 (99 reviews). A modal window is open, titled "Cancel 10:00 class", which is a template for creating a new announcement. The modal includes fields for "Teacher's name" (set to "Klara Weaver"), "Time" (set to "12:00 PM 12/2/2024"), and "Announcement's content". Below these fields are sections for "Documents" and "Materials", each containing a PDF document named "Document's Name". At the bottom right of the modal is a "Done ✓" button. In the background, the course page displays other announcements, all of which have been created by "Klara Weaver" and are dated "1 hour ago".

Access materials

The screenshot shows a course page titled "UI Design, A User-Centered Approach" with a rating of 4.5 (99 reviews) by Klara Weaver. The page includes sections for "Announcements", "Progress", "Materials", and "Assignments". A modal window titled "Material's Name" is open, showing a PDF document named "Document's Name". The "Announcements" section displays four recent posts from a teacher named Klara Weaver, all titled "Cancel 10:00 class" and posted 1 hour ago. The "Materials" section shows four preview cards for documents with a ghost-like icon.

Create and join discussion forums

The image displays two screenshots of a learning management system (LMS) interface, illustrating the creation and joining of discussion forums.

Left Screenshot: Course Overview and Discussion Creation

This screenshot shows a course page for "UI Design, A User-Centered Approach" with a rating of 4.5 (9 reviews) and taught by Klara Weaver. The page includes sections for Announcements, Materials, and Assignments. Overlaid on the bottom right is a "Create a discussion" dialog box. The dialog box has fields for "Topic name" (set to "Topic's Name"), "Question" (with placeholder text "Ask a question to start a discussion"), and "Documents" (two PDF attachments). A preview image of a video thumbnail is visible on the right. At the bottom right of the dialog is a "Save" button with a checkmark icon.

Right Screenshot: Discussion Forum

This screenshot shows a discussion forum topic titled "Topic's Name" created by Farah Flower on 21/2/2022. The topic has four posts from users Haseeb Storey, Emilis Kendall, David Rodriguez, and Richie Benton. Each post includes a timestamp, author, content snippet, and interaction counts (likes and comments). To the right of the posts is a sidebar titled "People are talking about..." with tags like Integration, On boarding, Security, Process, Advanced features, and No code. Below the sidebar is a large image of a hand holding a tablet displaying a social media interface with the word "CONNECT".

View schedule

The screenshot displays a digital learning platform's interface for viewing the weekly schedule. At the top, there is a navigation bar with the logo, "My Courses", "Schedule" (which is highlighted in blue), "My progress", and "Chat". To the right of the navigation bar are a search bar, a notification bell icon, and a user profile picture.

The main content area shows a calendar for the month of July. The "Upcoming lessons" section is currently selected. The schedule is organized by day:

- Mon**: 3 lessons. Each lesson is titled "Lesson 2", lasting 60 mins from 01:00 - 02:00 PM. The course name is listed as "Course's Name" and a link to "link.com" is provided.
- Tue**: 2 lessons. Each lesson is titled "Lesson 2", lasting 60 mins from 01:00 - 02:00 PM. The course name is listed as "Course's Name" and a link to "link.com" is provided.
- Wed**: 0 lessons.

A sidebar on the left provides a "Next Event" summary for "Lesson 2" on Tuesday, detailing the time (01:00 - 02:00 PM), course name ("Course's Name"), and a link ("link.com/one-on-one"). Below this summary are two small profile pictures.

Chat

Logo My Courses Schedule My progress Assignments Discussion Forums Chat

Q Search...   

All messages 

Romy Murray Active now   

Today

1:17 PM Romy Murray Audio call ended

1:12 PM Romy Murray Enim reprehenderit quis Lorem esse est ad nisi ut labore ad sunt Lorem quis anim culpa occaecat. Ut ali

1:12 PM Romy Murray Lorem excepteur magna voluptate exercitation dolore exercitation amet

1:12 PM Romy Murray Ad consectetur ullamco tempor et ipsum eiusmod est officia quis dolor esse irure deserunt duis proident ex. Ipsum irure voluptate id mollit labore pa

2:12 PM Romy Murray JD - UX UI Designer.pdf 120 kB

2:12 PM Romy Murray Aliquip nulla aute voluptate fugiat proident quis ullam

2:17 PM Romy Murray CV - Jay Rutherford.pdf 120 kB

2:12 PM Romy Murray Audio call ended 05:10

Type a message...     

Romy Murray Hiring Manager

Incididunt dolore ut aliquip culpa id cupidatat mollit dolore sint

Incidunt Cupidat Essetion

File (2)

JD - UX UI Designer.pdf 120 kB

CV - Jay Rutherford.pdf 120 kB

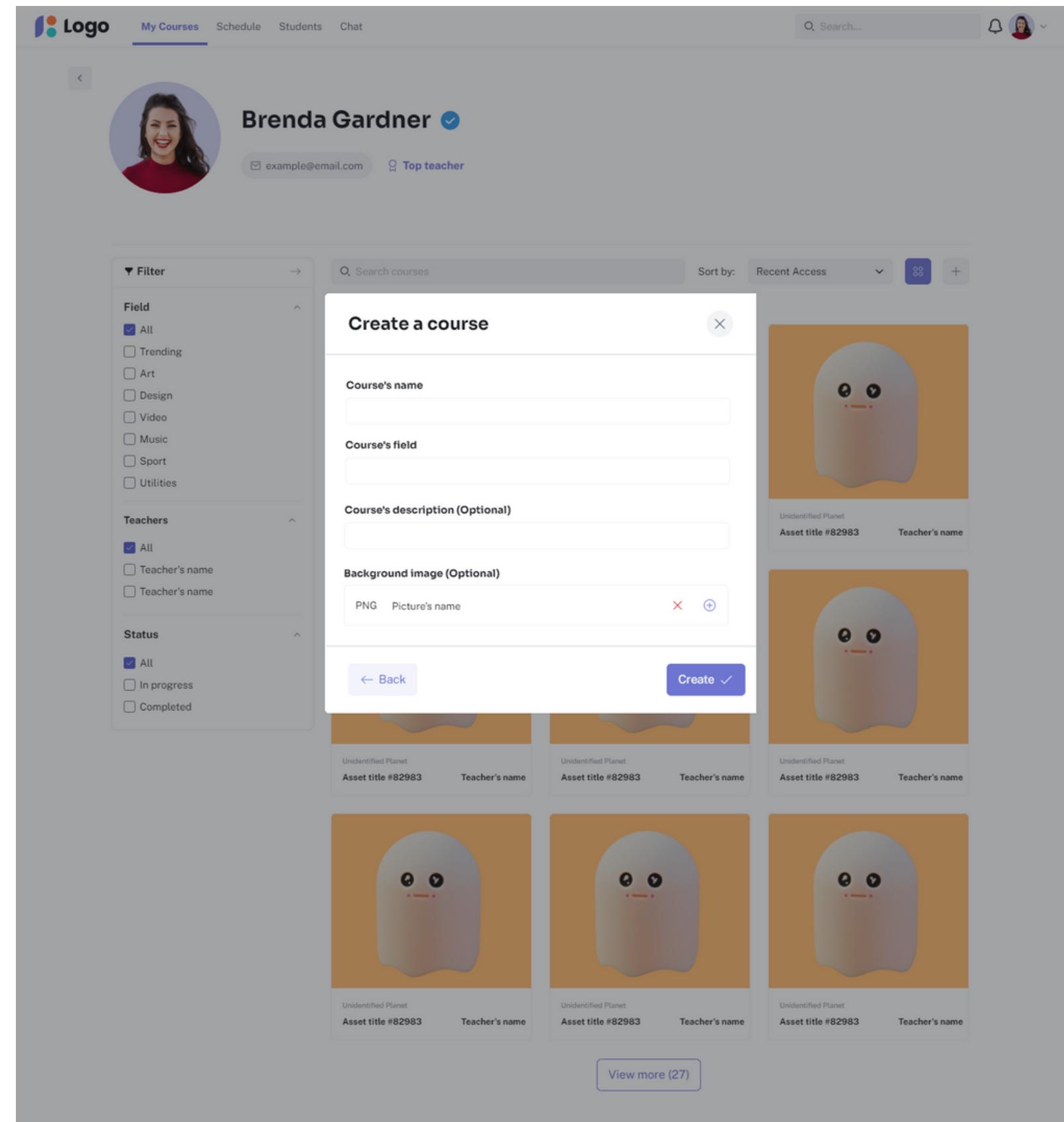






For Teachers

Create new course



Start lesson + Schedule lesson

The screenshot shows the course dashboard for "UI Design, A User-Centered Approach". At the top, there's a logo, navigation links for "My Courses", "Schedule", "Students", and "Chat", and a search bar. Below the header, the course title and a 4.5 rating with 99 reviews are displayed. Two buttons are highlighted with a red circle: "Start a live lesson" and "Schedule a live lesson". The main content area includes sections for "Announcements", "Materials", "Assignments", and "Discussion Forums", each with four items shown.

The screenshot shows the "Schedule" tab of the platform. On the left, a weekly calendar displays "Upcoming lessons" for Monday, Tuesday, and Wednesday. Each day shows two entries for "Lesson 2" with a duration of 60 mins and a time of 01:00 - 02:00 PM. To the right of the calendar is a detailed "Schedule lesson" form. It includes fields for "Lesson" (set to "Online"), "Course" (selected "Course's Name"), "Lesson's Name" (set to "link.com"), "Duration" (set to "60 mins"), "Timezone" (set to "Eastern Time Zone (ET) - UTC-5"), and a "Pre-read materials" section. This section lists several files: a PDF document, an MP4 video, and three additional PDF documents. A button "+ Add materials" is available at the bottom of this section. At the very bottom right is a "Save" button with a checkmark icon.

Make announcements

The screenshot shows a course management interface for a course titled "UI Design, A User-Centered Approach" by Klara Weaver, rated 4.5 (99 reviews). The main page displays course materials like "Start a live lesson" and "Schedule a live lesson". A modal window titled "Make announcement" is open, prompting the user to "Make some announcements". It includes fields for selecting the "Course's Name" (set to "All students") and a text area for the announcement content. Below this, there are sections for "Documents" (with two PDF attachments) and "Materials" (with four placeholder cards). A note encourages adding pre-read materials for better student understanding. At the bottom right of the modal is a "Save" button.

Upload materials

The screenshot shows a course page titled "UI Design, A User-Centered Approach" with a rating of 4.5 (99 reviews) by Klara Weaver. The page includes sections for Announcements, Progress, Materials, and Assessments. A modal window titled "Add materials" is open, prompting the user to select "Course's Name" (set to "All students") and upload materials. Two PDF documents are listed under "Materials". A descriptive note in the modal says: "Provide pre-read materials so that your students can have a better understanding of the lesson". Below the modal, there are sections for "Announcements" and "Materials", each containing four items. The announcements are all from "Teacher's name" and say "Cancel 10:00 class" and were posted "1 hour ago". The materials section also contains four items, each represented by a small thumbnail.

UI Design, A User-Centered Approach

4.5 (99 reviews) | Klara Weaver

Start a live lesson

Schedule a live lesson

Announcements Progress Materials Assessments

For Course's Name All students

Materials

PDF Document's Name

PDF Document's Name

+ Add materials

Provide pre-read materials so that your students can have a better understanding of the lesson

← Back Save ✓

Announcements

Teacher's name Cancel 10:00 class 1 hour ago

Materials

Add assignments + Monitor submissions

The screenshot shows a course page for "UI Design, A User-Centered Approach" with a rating of 4.5 (99 reviews) by Klara Weaver. The "Assignments" tab is selected. A modal window titled "Add assignment" is open, prompting the teacher to enter assignment details. The "For" section includes dropdowns for "Course's Name" (set to "All students") and "All students". The "Description" field contains a text about technology in education. Under "Documents", two PDF files are listed with the names "Document's Name". A button "+ Add documents" is visible. The "Save" button is at the bottom right. Below the modal, the "Materials" section lists four items: "Record of lesson 2" (Video, 1 hour ago), "Reading of lesson 2" (PDF, 12 hours ago), "Powerpoint of lesson 2" (PPTX, 2 hours ago), and "Book of the topic" (Link, 1 hour ago).

The screenshot shows the assignment submission overview for "Assignment's Name". It features a profile picture of a woman, the assignment name, and the due date (12:00 PM 22/02/2024). The assignment description is identical to the one in the first screenshot. To the right is an "Overview" box showing 30 submissions (20% complete) with a pie chart. Below is a table of student submissions:

Students	Email	Country	Birth	Submission	Grade
Elizabeth Lee	ElizabethLee@email.com	United States	10/07/2023	File.pdf	9.2
Carlos Garcia	CarlosGarcia@email.com	Italy	24/07/2023	File.pdf	9.2
Elizabeth Bailey	ElizabethBailey@email.com	Canada	08/08/2023	File.pdf	9.2
Ryan Brown	RyanBrown@email.com	Brazil	31/08/2023	File.pdf	9.2
Ryan Young	RyanYoung@email.com	United Kingdom	01/05/2023	File.pdf	9.2
Hailey Adams	HaileyAdams@email.com	Italy	10/06/2023	File.pdf	9.2
Ashley Anderson	AshleyAnderson@email.com	United States	20/02/2023	File.pdf	9.2
Emma Wilson	EmmaWilson@email.com	United Kingdom	04/09/2021	File.pdf	9.2
Hailey Adams	HaileyAdams@email.com	United States	07/04/2022	File.pdf	9.2

Pagination controls (1, 2, 3, 4, ..., 10, 11) are at the bottom.

Manage students

Logo My Courses Schedule Students Chat

Search... + Add User

Students

Export Filter Add User

Overview

Students **2,490** ↑ 5%

Active Students **1,980** ↓ 25%

New Students **490** ↑ 12%

2,490 users Search Manage Column

<input type="checkbox"/>	Student's Name	Email	Country	Birth	Course	
<input type="checkbox"/>	Elizabeth Lee	ElizabethLee@email.com	United States	10/07/2023	Course's Name	
<input type="checkbox"/>	Carlos Garcia	CarlosGarcia@email.com	Italy	24/07/2023	Course's Name	
<input type="checkbox"/>	Elizabeth Bailey	ElizabethBailey@email.com	Canada	08/08/2023	Course's Name	
<input type="checkbox"/>	A Ryan Brown	RyanBrown@email.com	Brazil	31/08/2023	Course's Name	
<input type="checkbox"/>	Ryan Young	RyanYoung@email.com	United Kingdom	01/05/2023	Course's Name	
<input type="checkbox"/>	Hailey Adams	HaileyAdams@email.com	Italy	10/06/2023	Course's Name	
<input type="checkbox"/>	Ashley Anderson	AshleyAnderson@email.com	United States	20/02/2023	Course's Name	
<input type="checkbox"/>	E Emma Wilson	EmmaWilson@email.com	United Kingdom	04/09/2021	Course's Name	
<input type="checkbox"/>	Hailey Adams	HaileyAdams@email.com	United States	07/04/2022	Course's Name	

1 2 3 4 ... 10 11 >



For Students

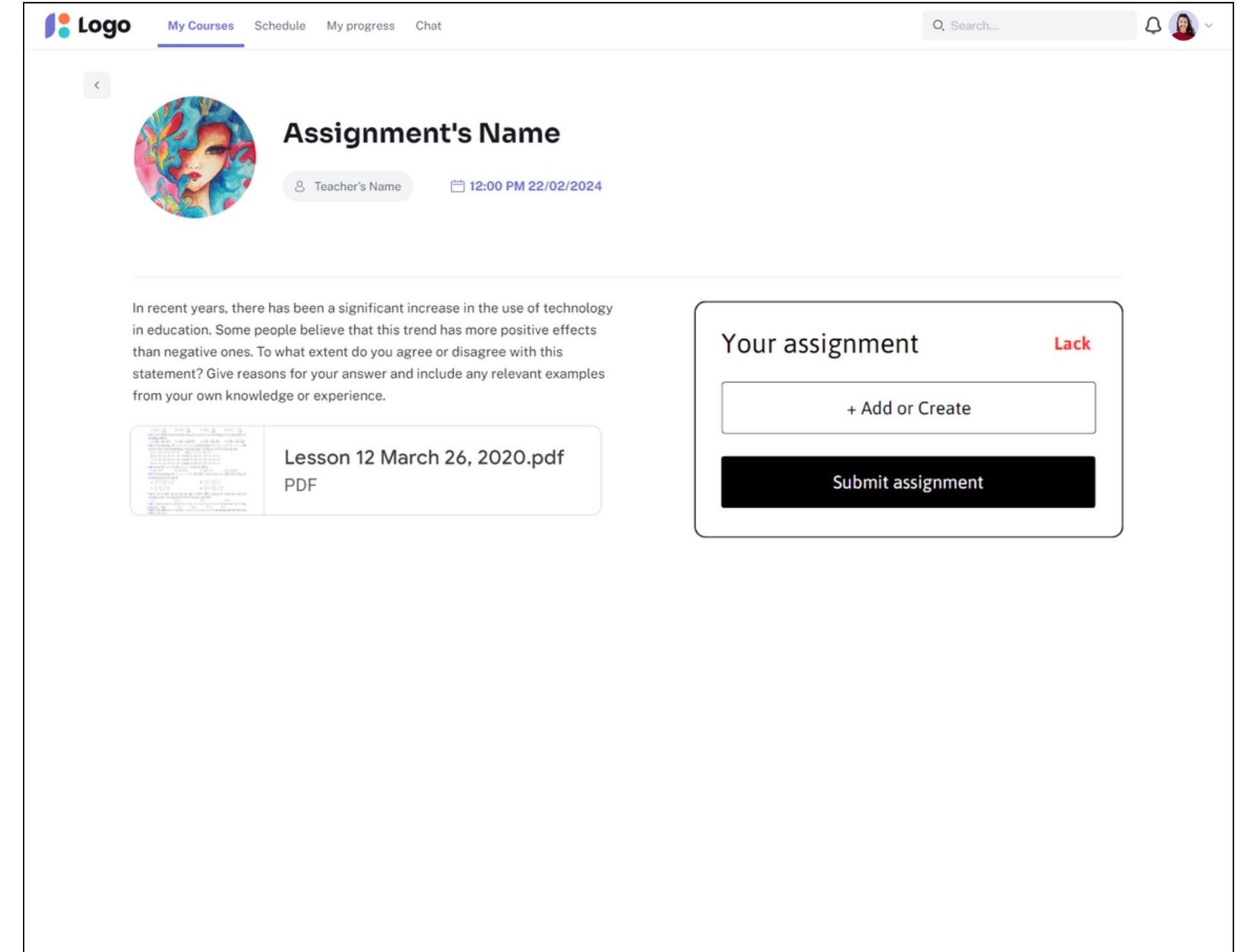
Feedback

The screenshot shows a course page for 'UI Design, A User-Centered Approach'. At the top, there's a banner with a logo, course name, schedule, students, and chat. Below the banner, a review section shows a 4.5 rating from 99 reviews by Klara Weaver. The main content area is divided into several sections:

- Announcements:** Four items, each showing a teacher icon and the text 'Cancel 10:00 class' with a timestamp of '1 hour ago'.
- Materials:** Four items, each showing a teacher icon and the text 'Record of lesson 2' with a timestamp of '1 hour ago'.
- Assignments:** Four items, each showing a teacher icon and the text 'Assignment 1' with a timestamp of '5 days left'.
- Discussion Forums:** Four items, each showing a teacher icon and the text 'Topic 1 Topic's name'.
- Feedback:** A section showing a 4.5 rating from 99 feedbacks. It includes reviews from Jay Rutherford (Rating 5 12:00 PM) and Jevon Raynor (Rating 5 12:00 PM), along with an anonymous review by 'Anonymous' (Rating 4.5 10:00 PM).

This screenshot shows a progress and feedback interface. At the top, a progress bar indicates '25% completed'. Below it, the 'Materials' section displays four items, each with a teacher icon and a timestamp: 'Record of lesson 2' (1 hour ago), 'Reading of lesson 2' (12 hours ago), 'Powerpoint of lesson 2' (2 hours ago), and 'Book of the topic' (1 hour ago). The 'Assignments' section shows four assignments, each with a teacher icon and a timestamp: 'Assignment 1' (5 days left). The 'Discussion Forums' section shows three topics, each with a teacher icon and the text 'Topic 1 Topic's name'. At the bottom, a feedback form is open, featuring a checkbox for 'Anonymous', a text input field for 'Leave a feedback', and two buttons: 'Cancel' and 'Save'.

Submit assignments



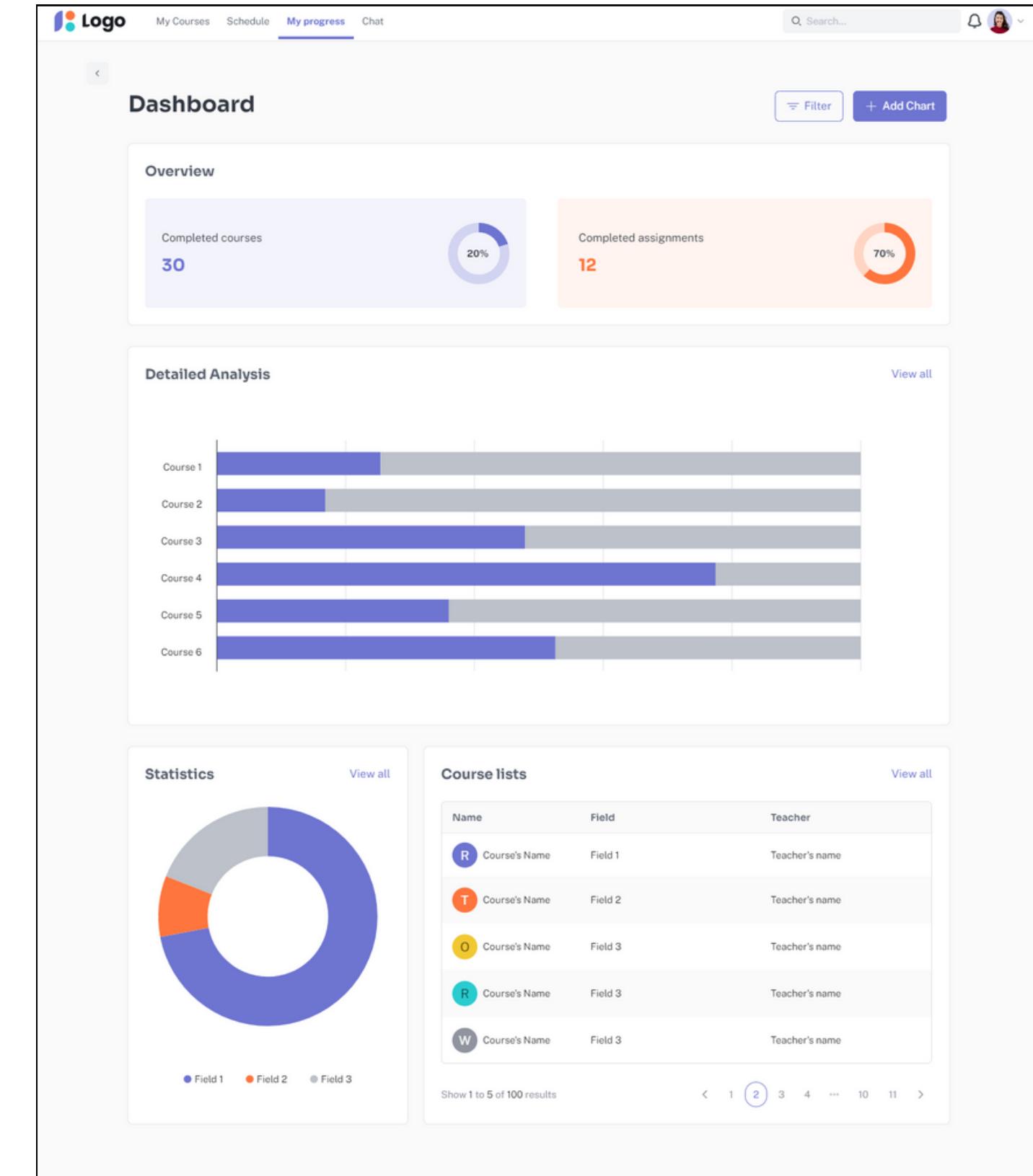
The image shows a digital assignment submission interface. At the top, there's a navigation bar with a logo, 'My Courses' (which is underlined), 'Schedule', 'My progress', and 'Chat'. To the right is a search bar with a magnifying glass icon and placeholder text 'Search...', a notification bell icon, and a user profile picture.

The main content area features a circular profile picture of a woman with colorful, abstract hair. Next to it, the text 'Assignment's Name' is displayed. Below this, there are two small circular icons: one with a person and the text 'Teacher's Name', and another with a calendar and the text '12:00 PM 22/02/2024'.

A descriptive text box contains the following question: 'In recent years, there has been a significant increase in the use of technology in education. Some people believe that this trend has more positive effects than negative ones. To what extent do you agree or disagree with this statement? Give reasons for your answer and include any relevant examples from your own knowledge or experience.'

Below the question, there's a thumbnail of a PDF document titled 'Lesson 12 March 26, 2020.pdf' with a 'PDF' extension. To the right of the assignment details is a large rectangular box with rounded corners. It contains the text 'Your assignment' and a red 'Lack' label. Inside the box are two buttons: a white button with a black border labeled '+ Add or Create' and a solid black button labeled 'Submit assignment'.

Track progress



Database

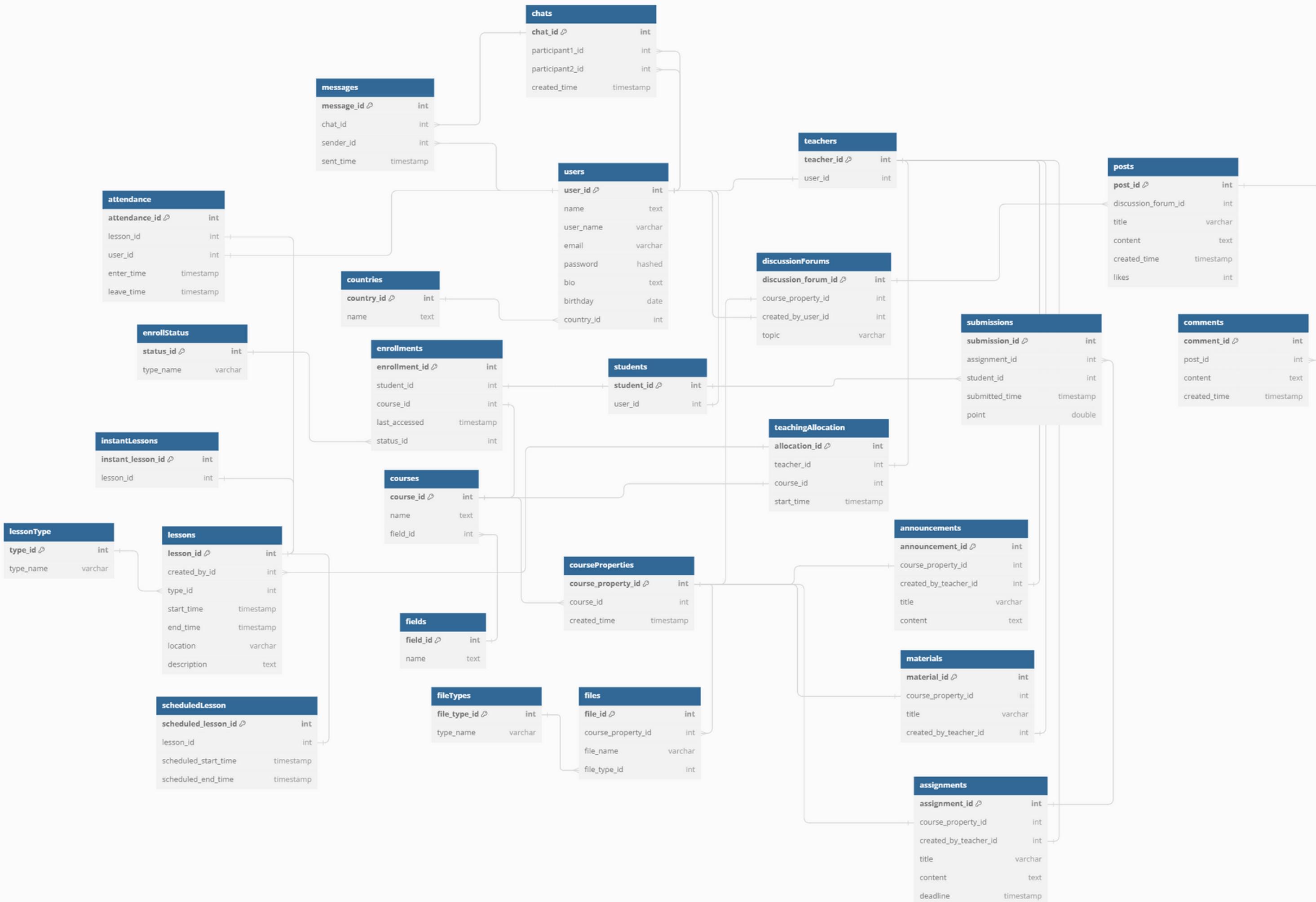


Overview



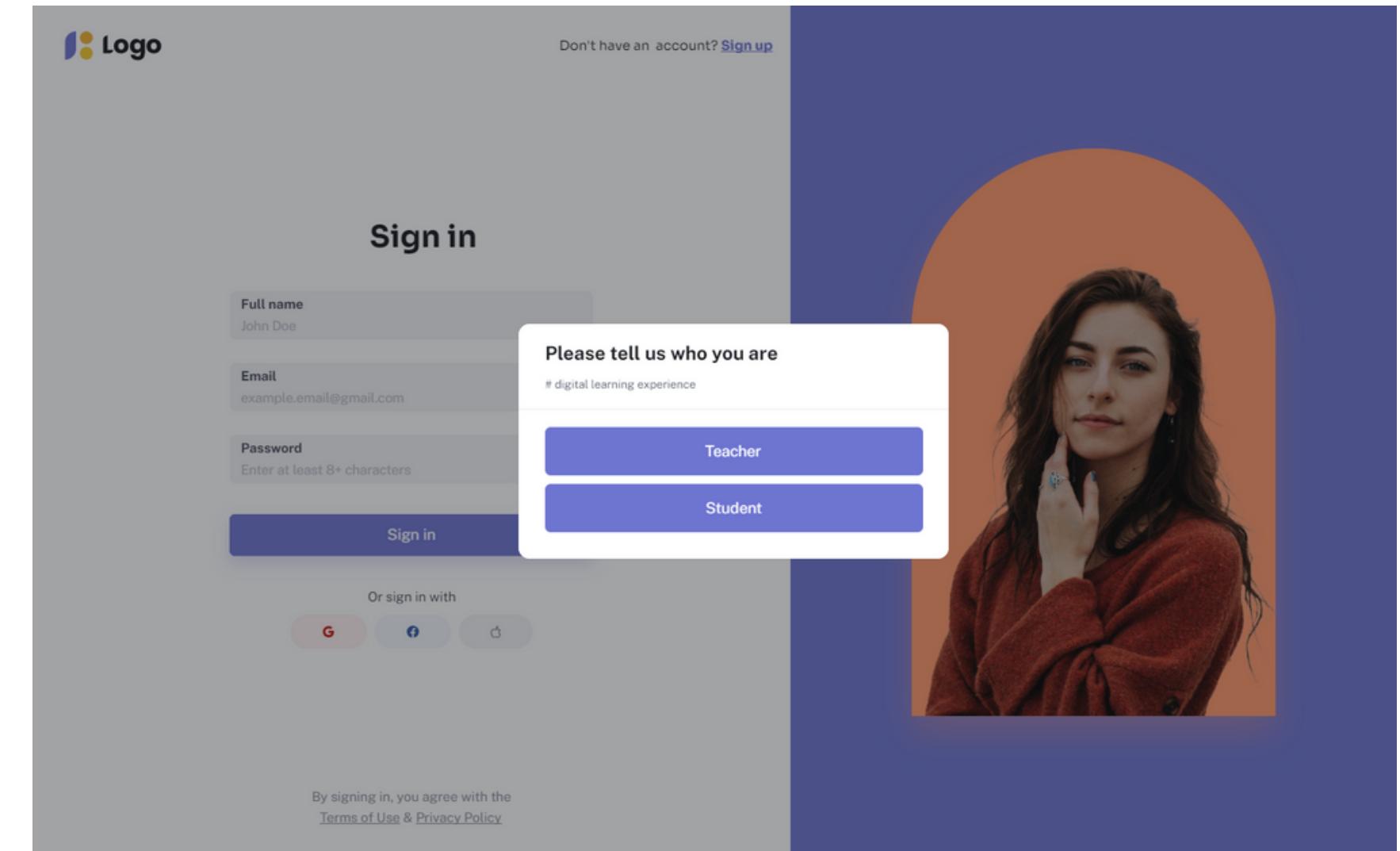
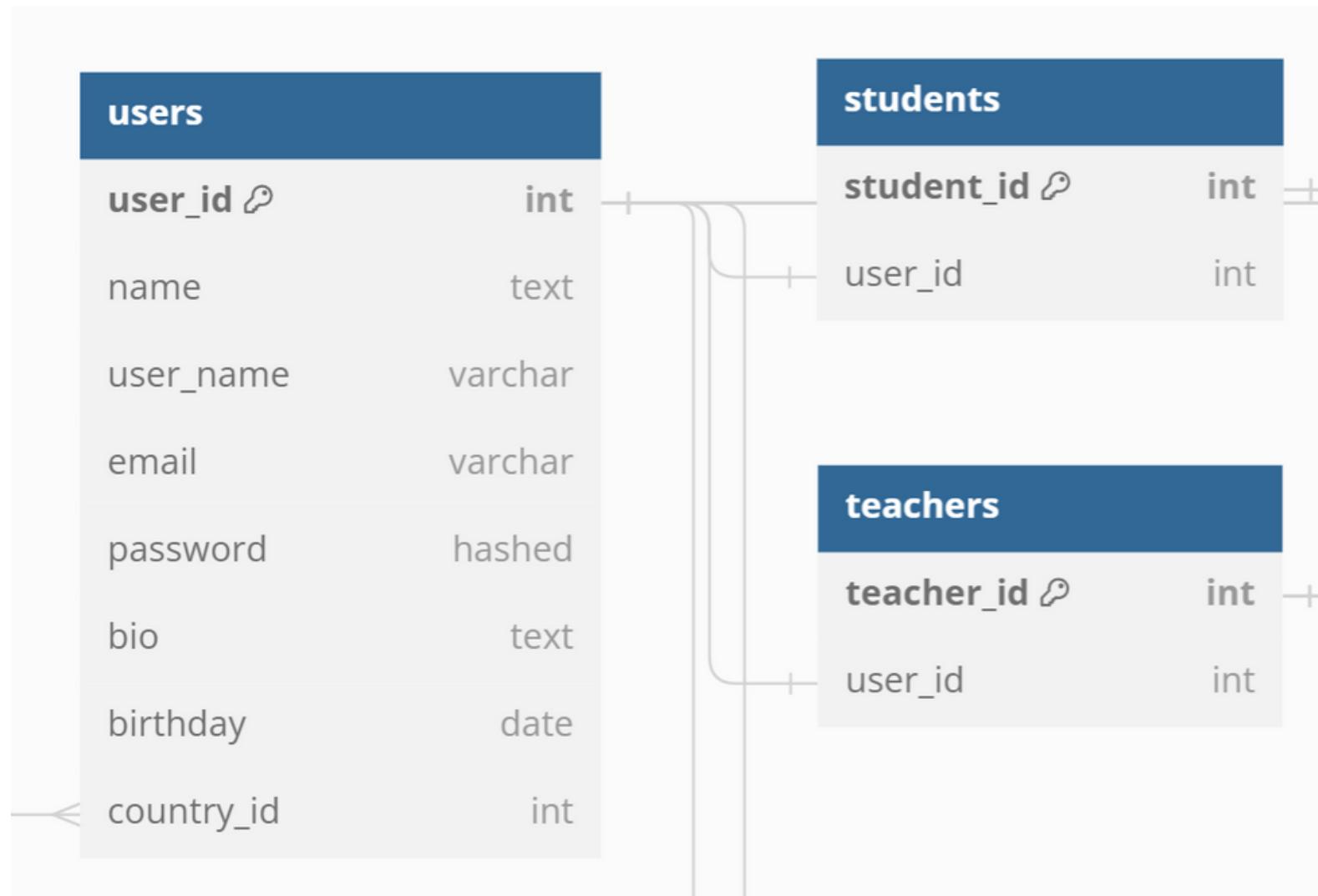
Detailed Explanation

Overview

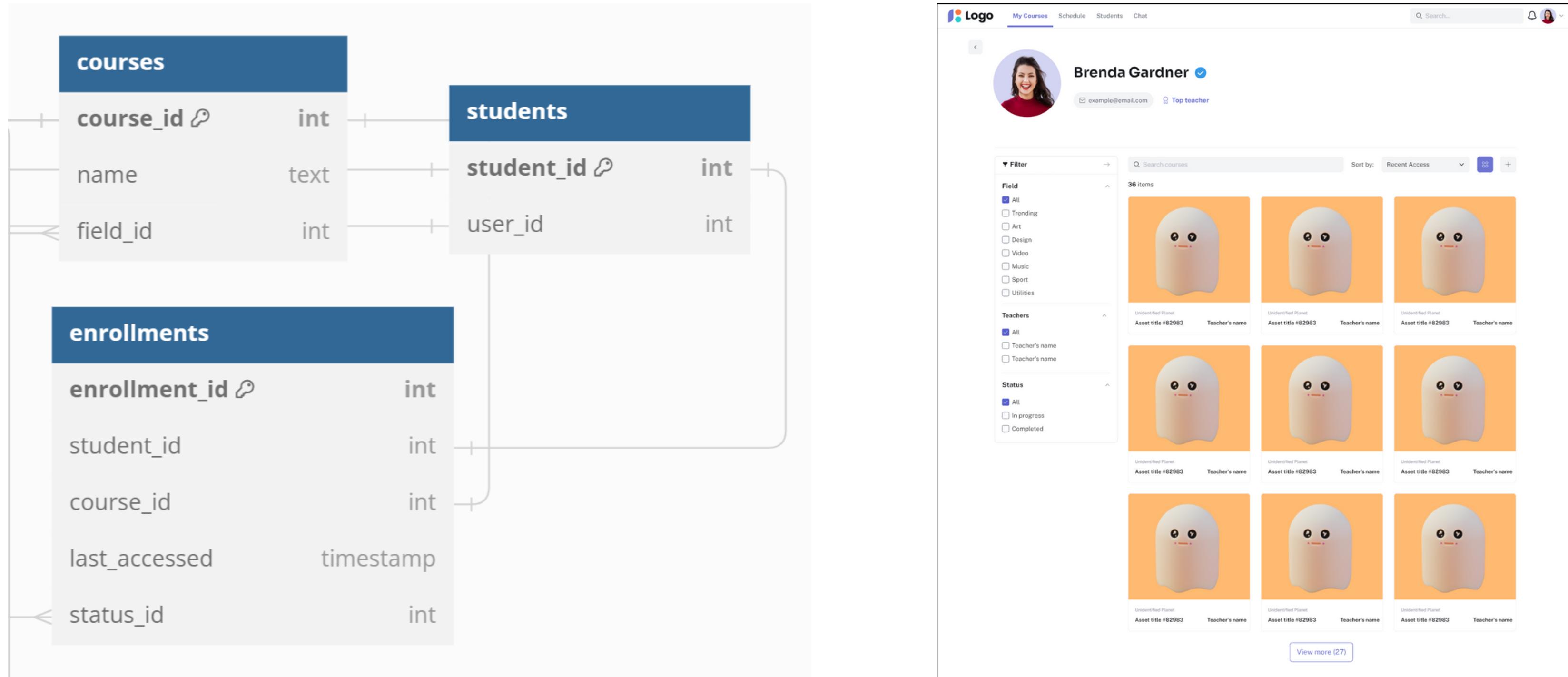


Detailed Explanation

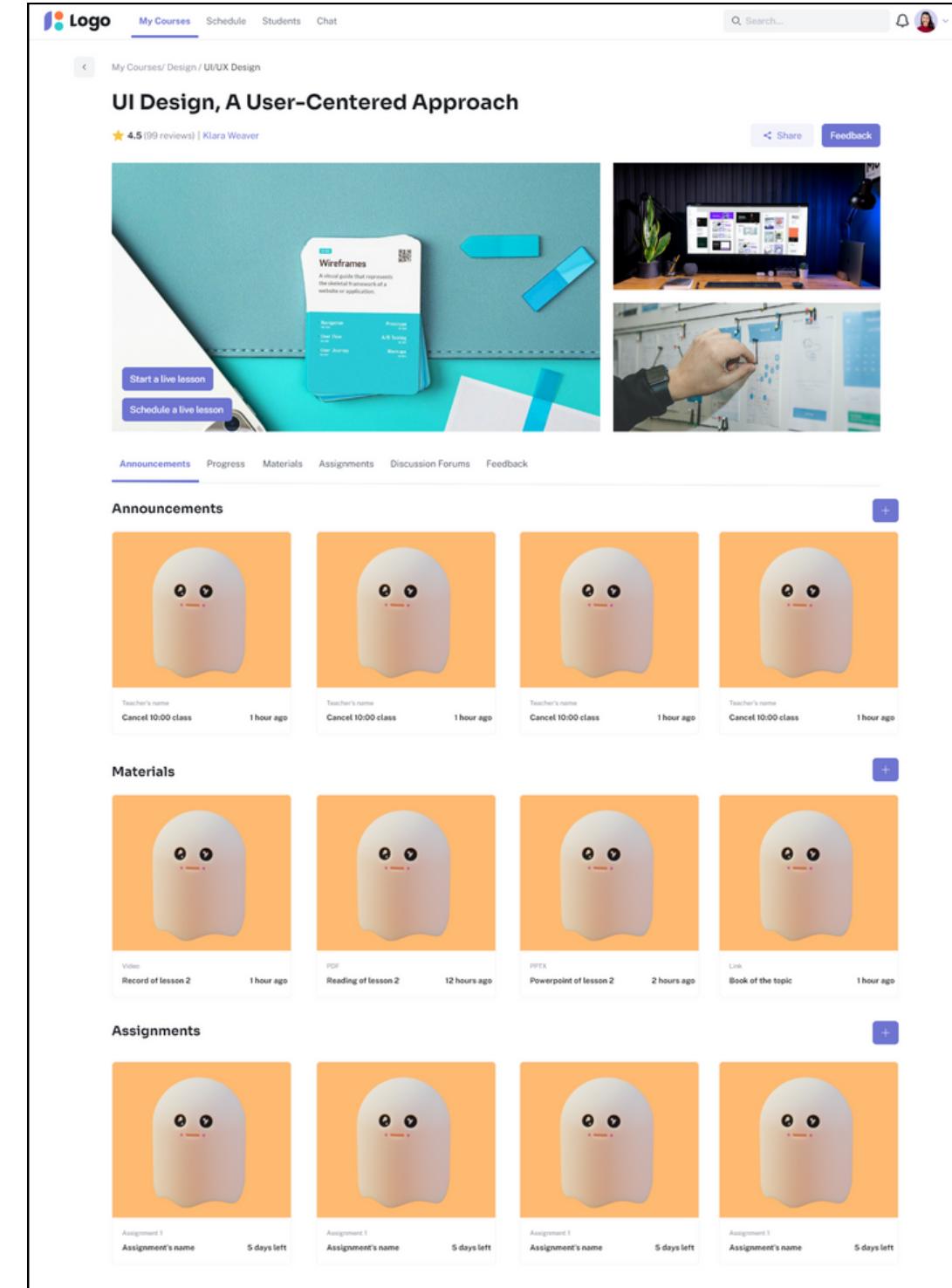
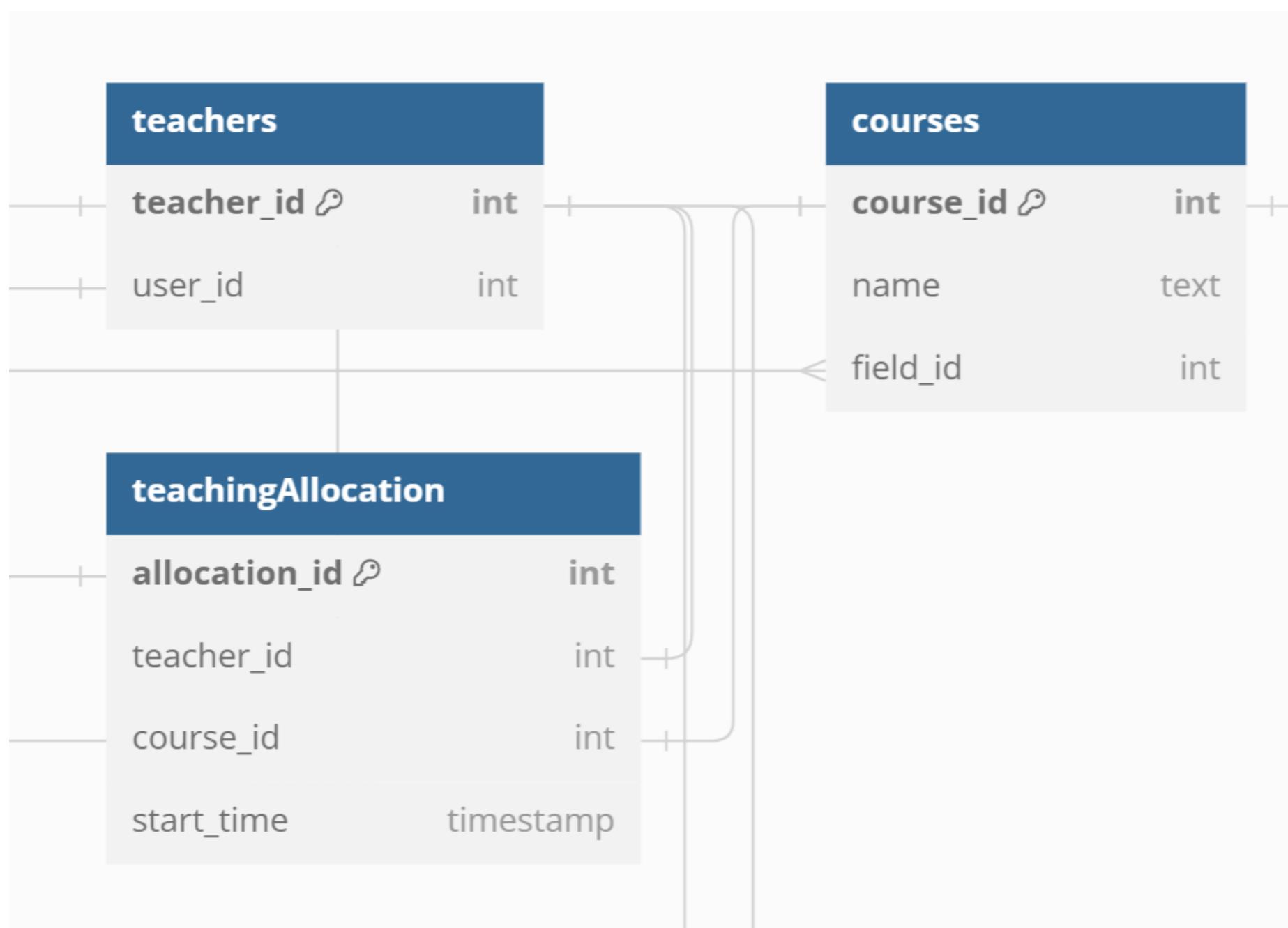
Users + Students + Teachers



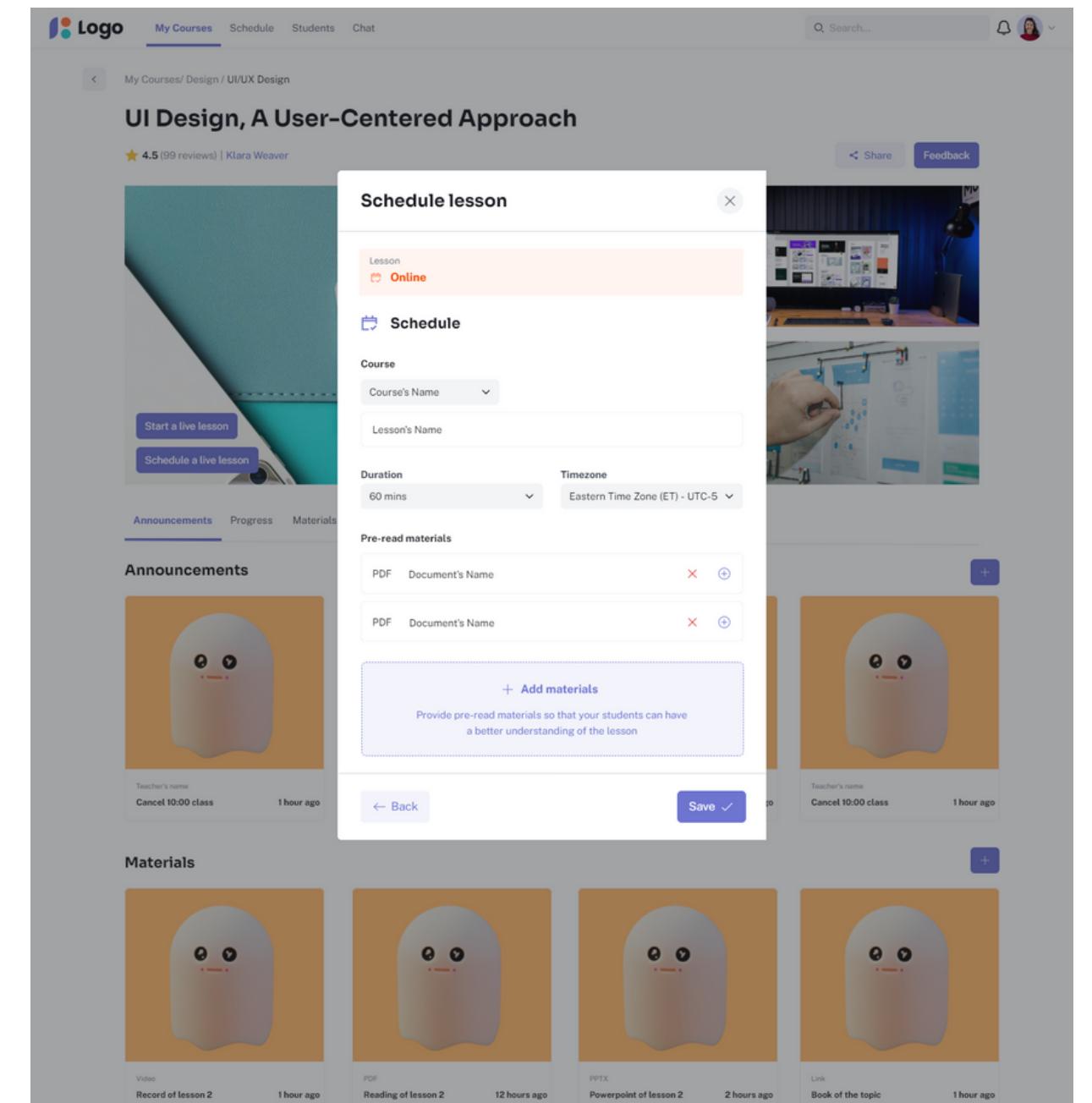
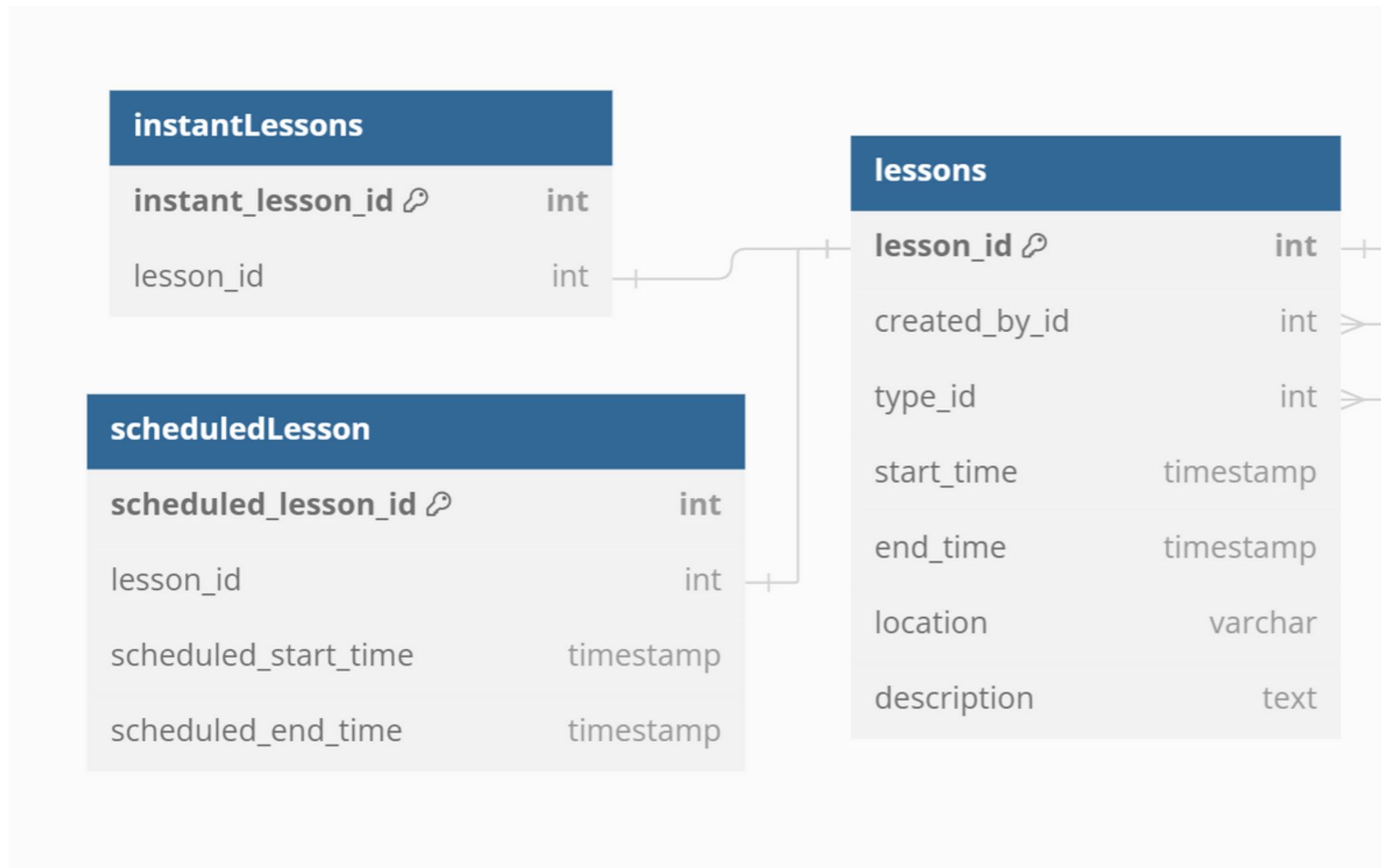
Students + Courses + Enrollments



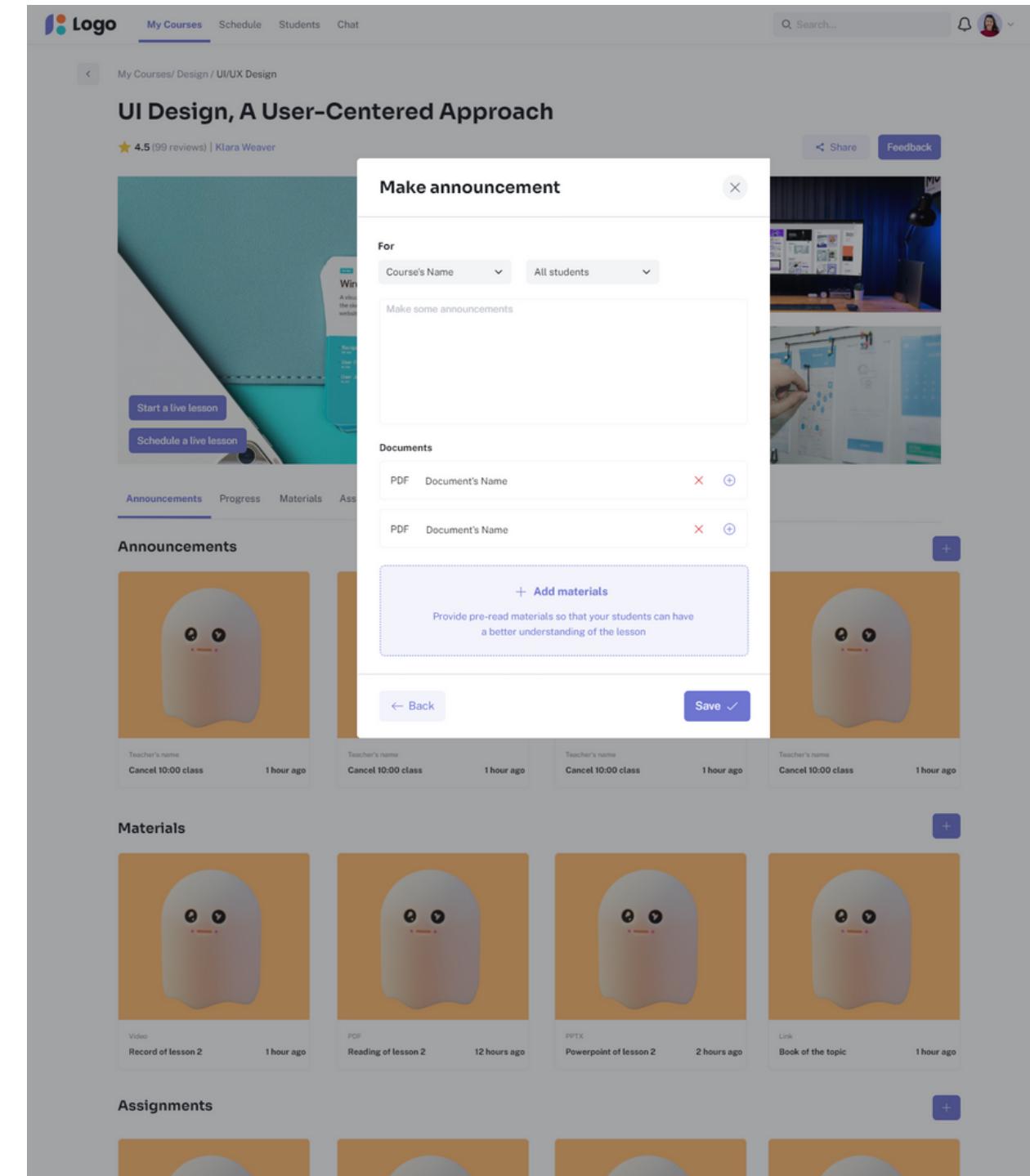
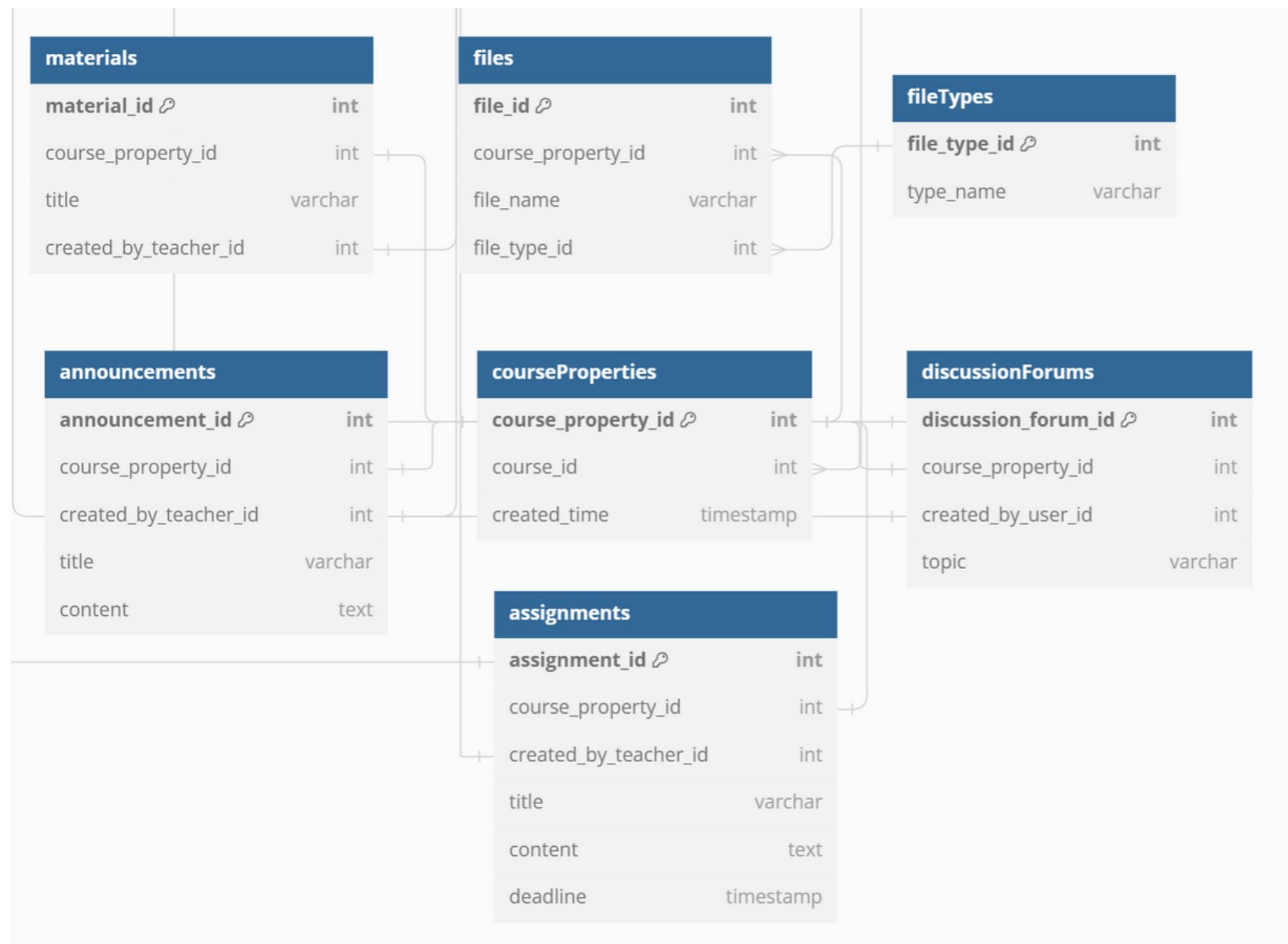
Teachers + Courses + teachingAllocations



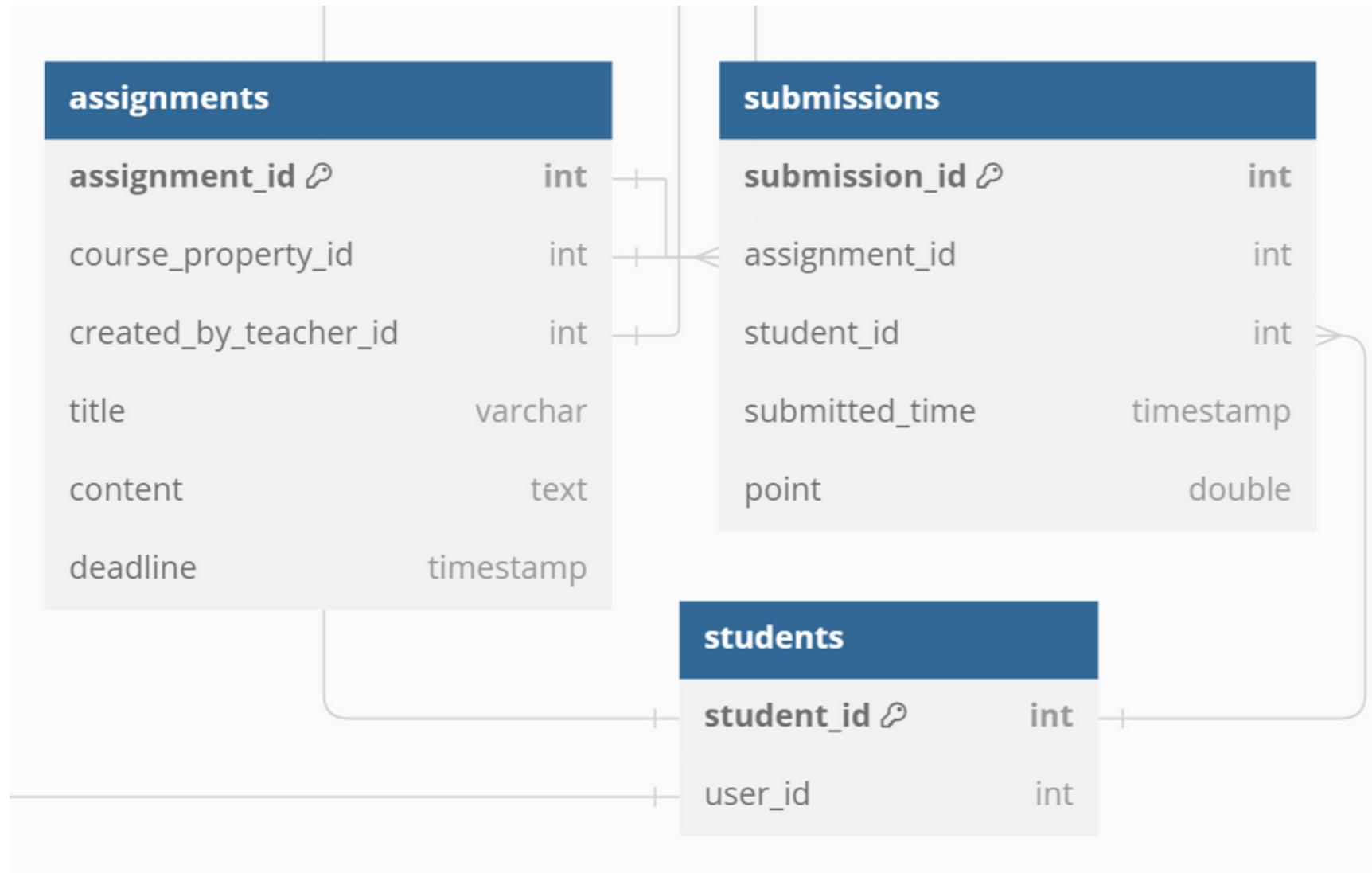
Lessons + instantLessons + scheduledLesson



CourseProperties + Files



Assignments + Submissions + Students



The screenshot shows a digital platform interface for managing assignments and submissions. At the top, there is a navigation bar with links for "My Courses", "Schedule", "Students", and "Chat". A search bar and user profile icon are also present.

The main content area displays an assignment titled "Assignment's Name" created by "Teacher's Name" on "22/02/2024" at "12:00 PM". The assignment description asks: "In recent years, there has been a significant increase in the use of technology in education. Some people believe that this trend has more positive effects than negative ones. To what extent do you agree or disagree with this statement? Give reasons for your answer and include any relevant examples from your own knowledge or experience."

Below the assignment description, a file submission is shown: "Lesson 12 March 26, 2020.pdf" (PDF).

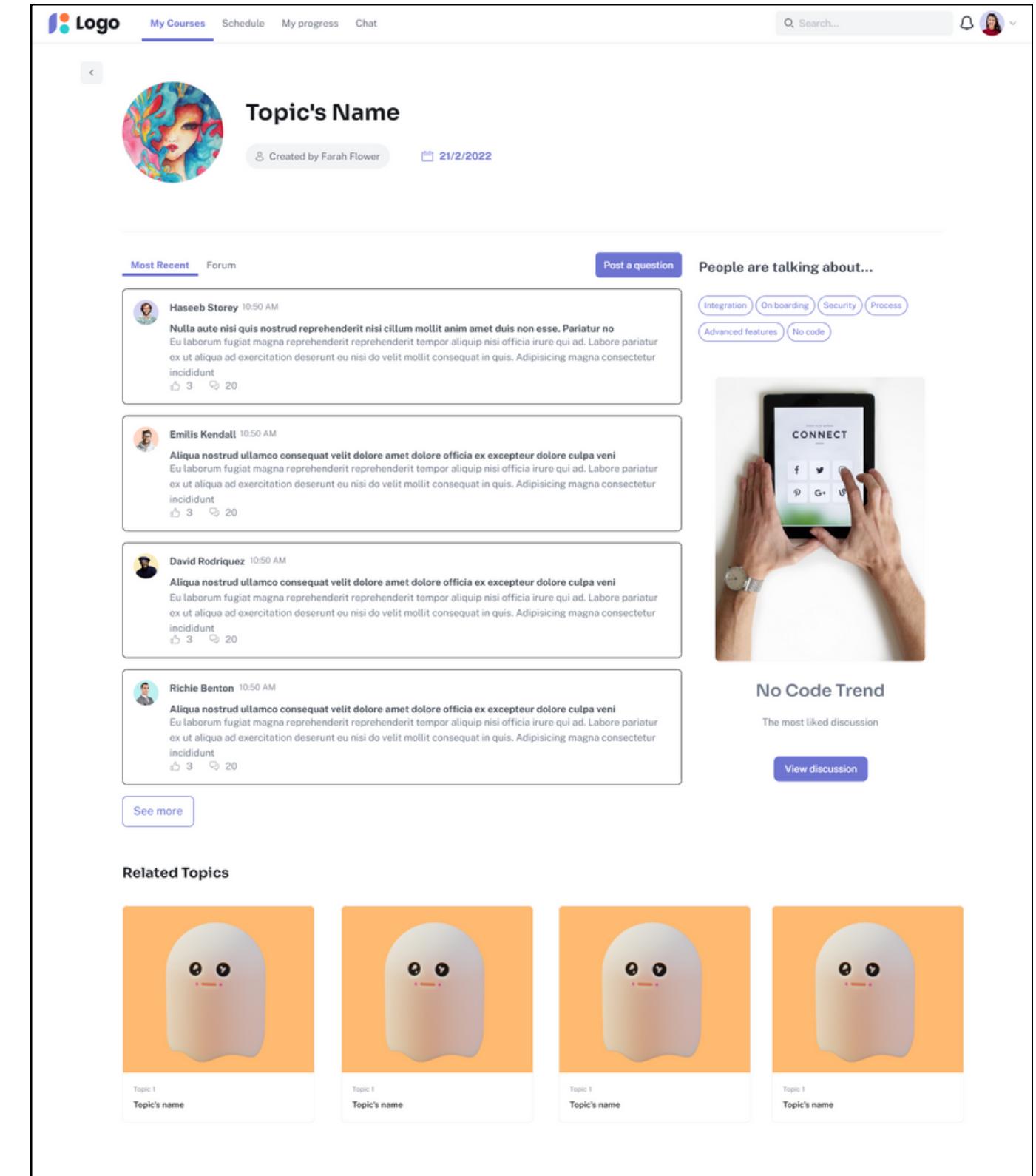
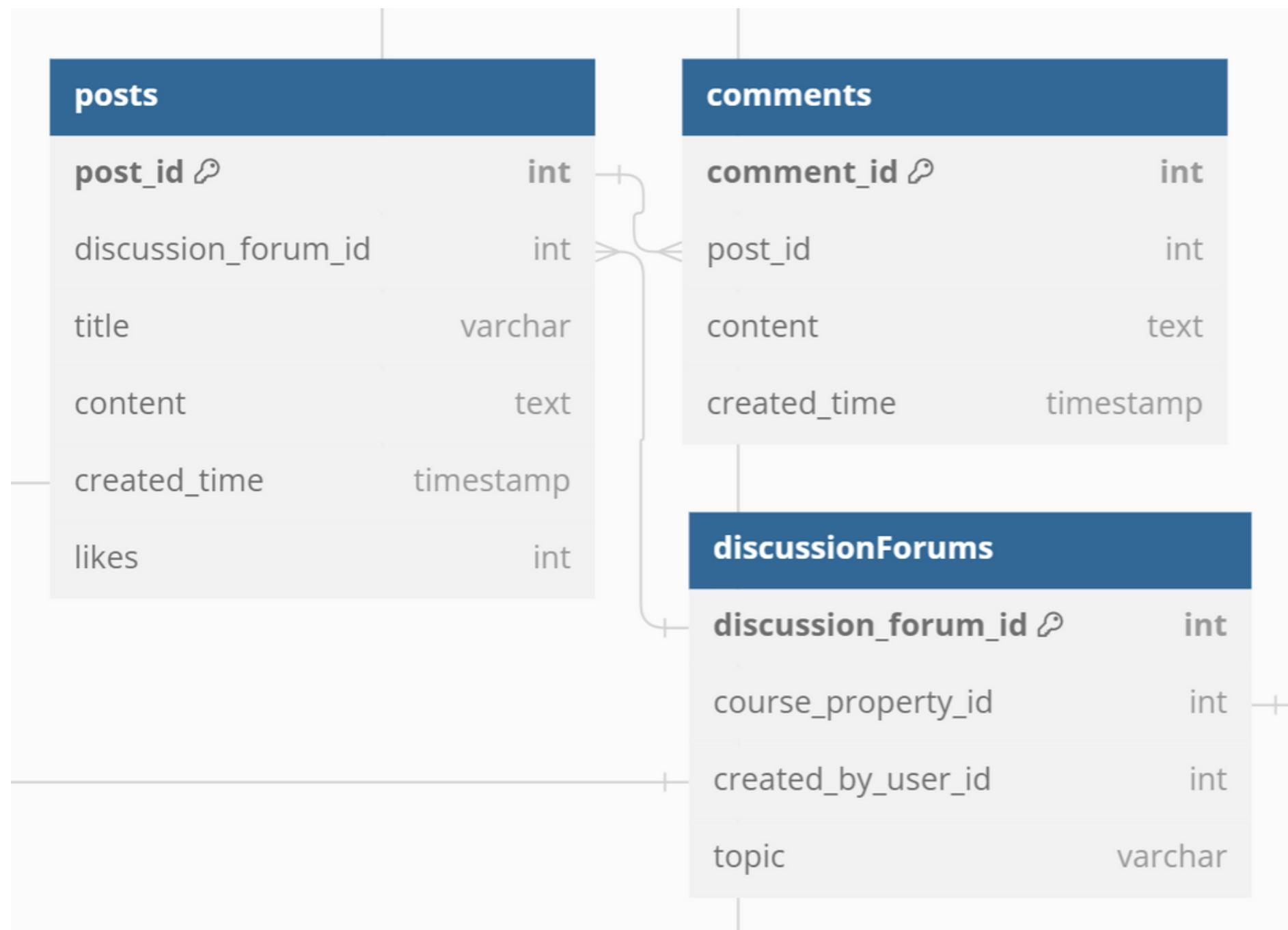
A summary box titled "Overview" shows that 20% of submissions have been received, with a count of 30.

The "Students" table lists the following data:

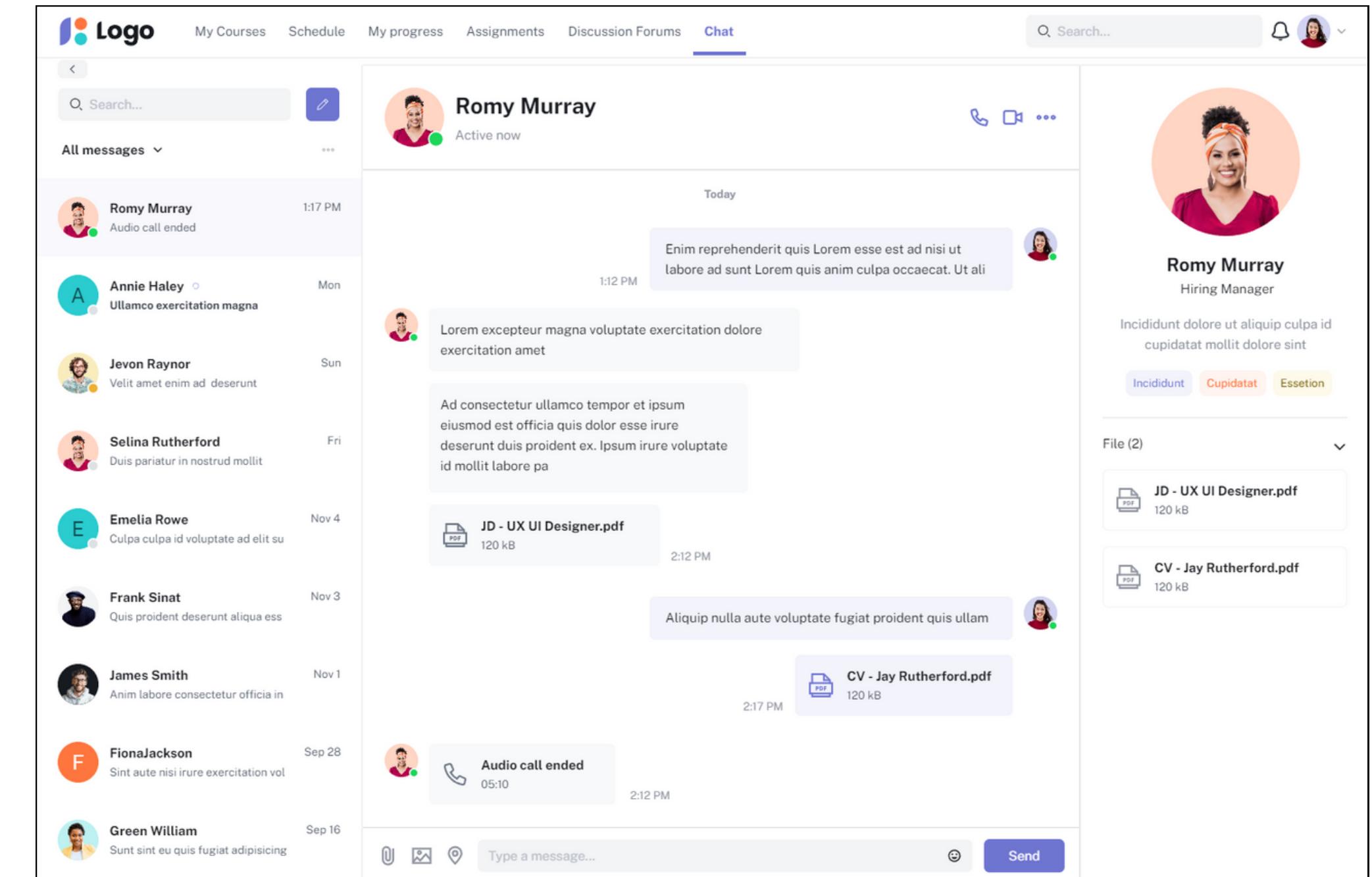
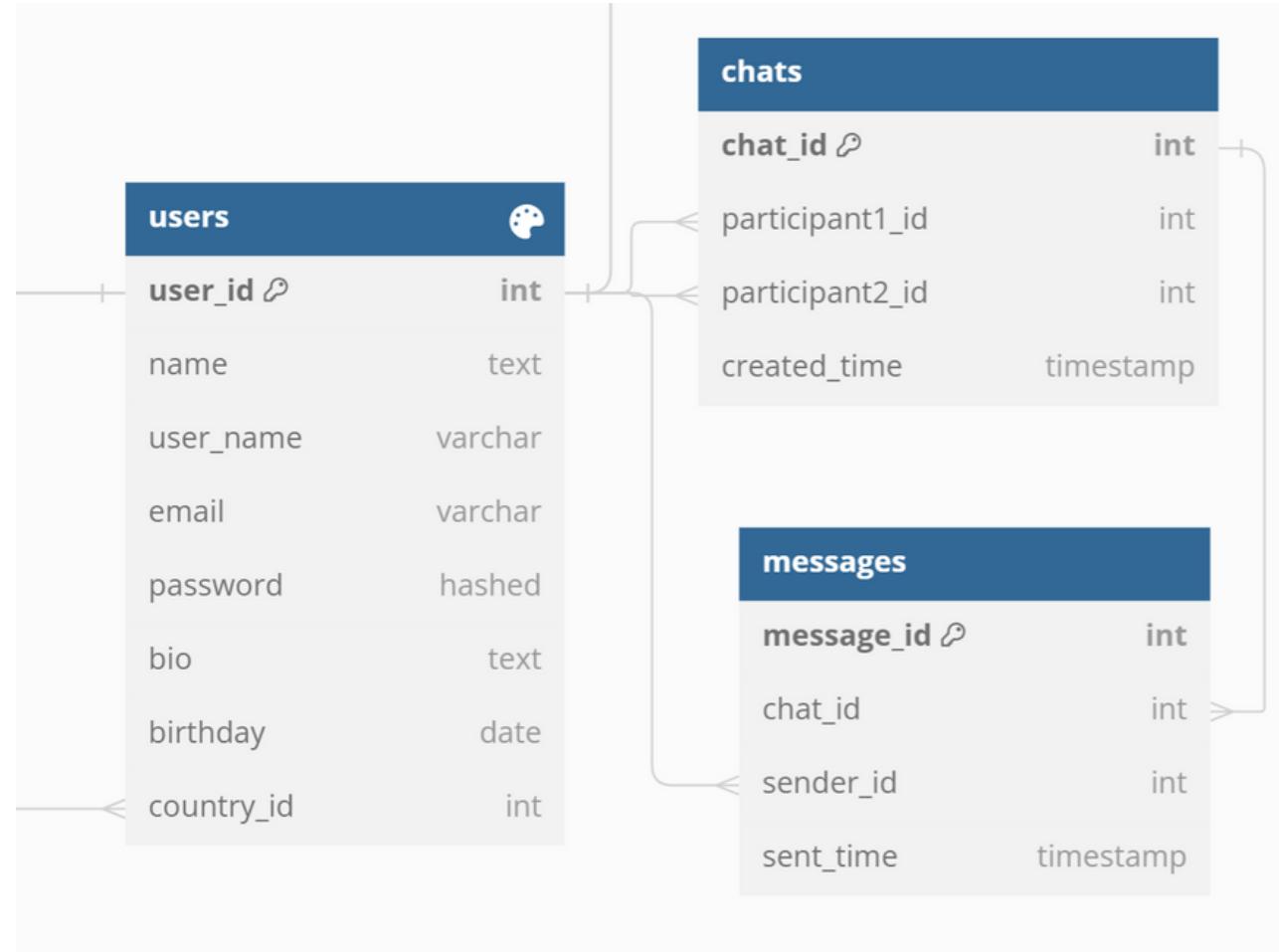
Students	Email	Country	Birth	Submission	Grade
Elizabeth Lee	ElizabethLee@email.com	United States	10/07/2023	File.pdf	9.2
Carlos Garcia	CarlosGarcia@email.com	Italy	24/07/2023	File.pdf	9.2
Elizabeth Bailey	ElizabethBailey@email.com	Canada	08/08/2023	File.pdf	9.2
Ryan Brown	RyanBrown@email.com	Brazil	31/08/2023	File.pdf	9.2
Ryan Young	RyanYoung@email.com	United Kingdom	01/05/2023	File.pdf	9.2
Hailey Adams	HaileyAdams@email.com	Italy	10/06/2023	File.pdf	9.2
Ashley Anderson	AshleyAnderson@email.com	United States	20/02/2023	File.pdf	9.2
Emma Wilson	EmmaWilson@email.com	United Kingdom	04/09/2021	File.pdf	9.2
Hailey Adams	HaileyAdams@email.com	United States	07/04/2022	File.pdf	9.2

Pagination controls at the bottom indicate pages 1 through 11.

DiscussionForums + Posts + Comments



Chat + Messages + Users





Thank you

I really appreciate your time.

Khuat Bao Nguyen