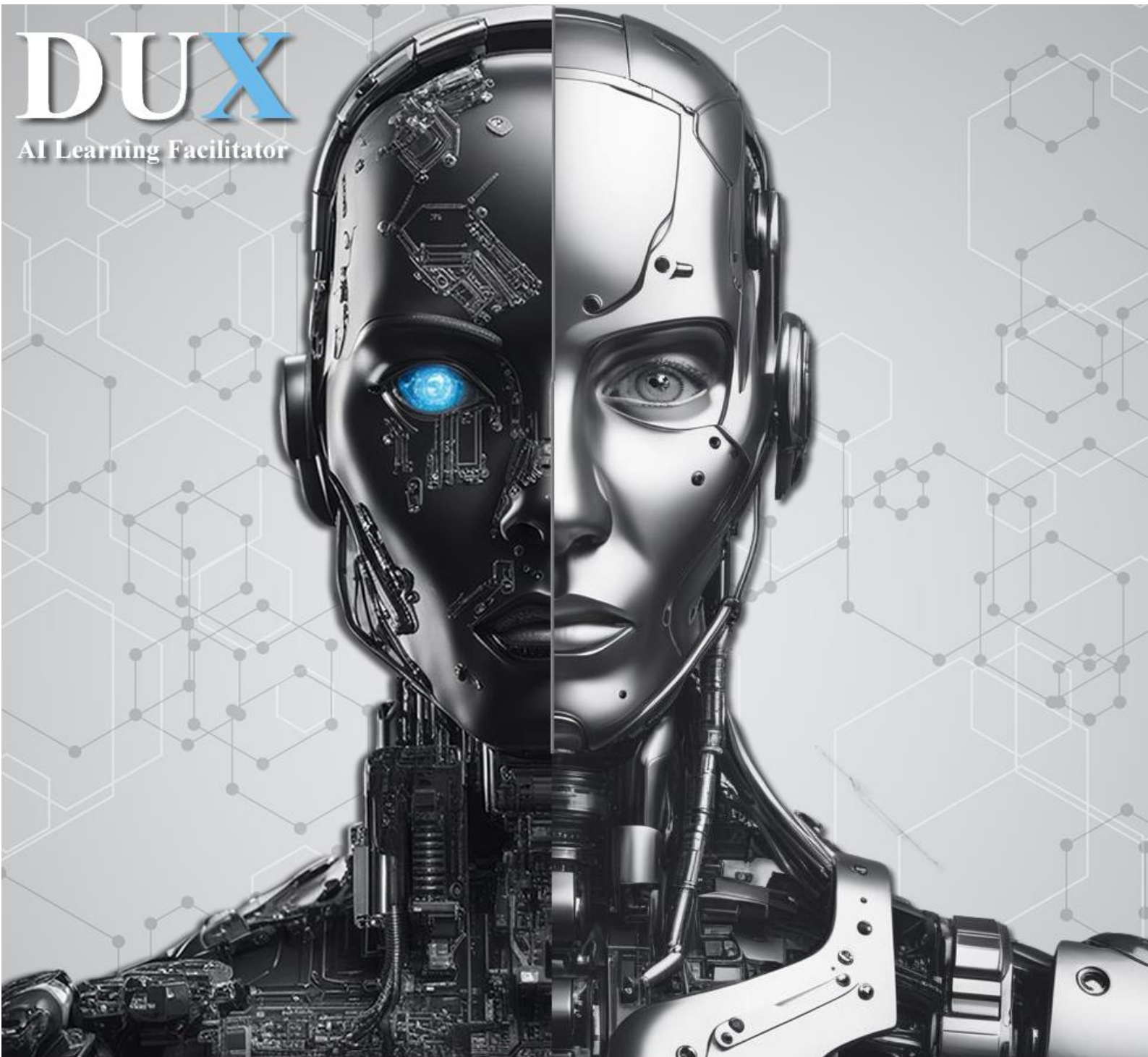


AI Prof. DUX

22.10.2024



DUX
AI Learning Facilitator

LECTURER HANDBOOK

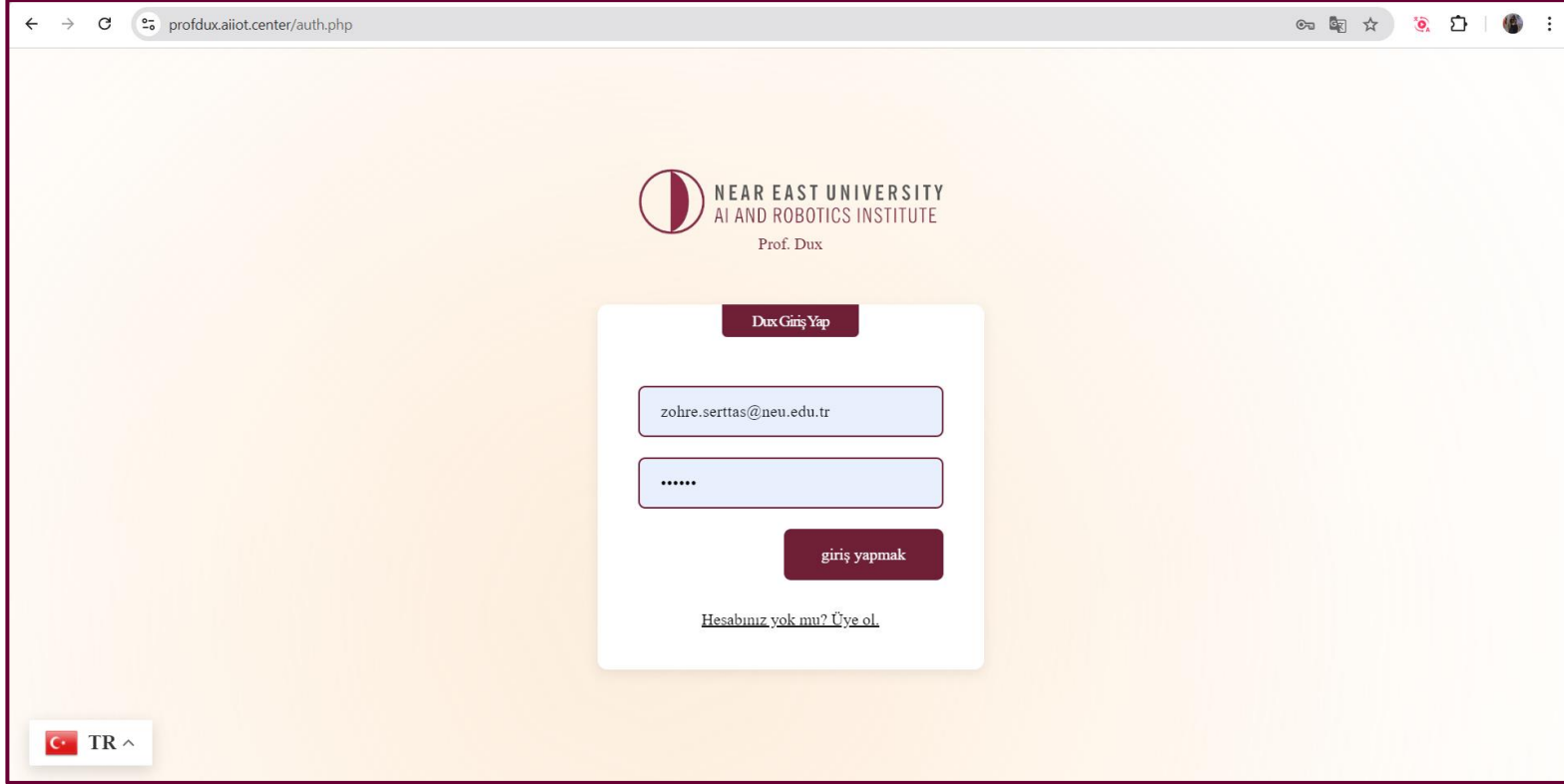
1. INTRODUCTION

Welcome to the DUX Learning Management System.

This training will guide you through the process of setting up your course to be delivered by DUX.

- DUX only requires your course code and course title to propose a 14-week course outline, which includes 12 weeks of lessons, 1 week for the midterm exam, and 1 week for the final exam.
- DUX will automatically generate each exam when the due date arrives. It will suggest multiple-choice questions (MCQs) and open-ended questions to provide a reliable assessment of the students' understanding of the subject. Grading is also instant and automated.
- Students can access course materials as often as they like, and they can retake the same lesson multiple times, but only their first exam attempt counts.
- You can provide textbooks and website links to DUX, and it will limit its knowledge to these sources when presenting course content. By doing this, whenever it uses information from a textbook, it will cite the page number of the source.
- The DUX engine works in the background to track students' behavior and identify their learning styles, such as visual, reading/writing, logical, and social. It gradually adapts to individual students' learning styles. As a result, even though the same concepts are assessed, no two students receive the same exam.
- DUX comes in two versions: an online (fast, up-to-date) version and a desktop version that can be installed on a Personal Computer (PC) without requiring internet access. It can also run from a flash drive.
- With a simple click, you can change DUX's language and use it in your preferred language.
- You are invited to provide feedback when using DUX. The social connection feature allows you to interact with it through WhatsApp, Facebook, LinkedIn, and X (formerly known as Twitter). To join discussions about DUX with people from around the world, please visit <https://profdux.aiiot.center>.

2. COURSE MANAGEMENT



The screenshot shows a web browser window with the URL profdux.aiiot.center/auth.php. The page features the logo of Near East University AI and Robotics Institute and the name Prof. Dux. A login form is centered on the page, containing a button labeled "Dux Giriş Yap", a text input field with the email address "zohre.serttas@neu.edu.tr", a password input field with masked characters ".....", and a button labeled "giriş yapmak". Below the form is a link that says "Hesabınız yok mu? Üye ol.". In the bottom left corner, there is a language selection dropdown menu showing the Turkish flag and the text "TR ^".

- <https://profdux.aiiot.center> Please log in to the system from the address.

2. COURSE MANAGEMENT (Creating a new course)

The screenshot shows a web browser window with the URL `profdux.aiiot.center/teacher/CourseManagement.php`. The page header includes the logo of NEAR EAST UNIVERSITY AI AND ROBOTICS INSTITUTE and the user information: ZÖHRE S. YIRTICI ÖĞRETMEN. The main content area is titled "Kurs Yönetimi" (Course Management). On the left, there is a control panel with several tabs: "AI Görüntü Oluşturucu", "AI Sohbet", "Kontrol Paneli", "Kurs Yönetimi" (highlighted with a red arrow), "Sınav", "Planlama", "Weight Assignment", "Değerlendirme Durumları", "Mesajlaşma", and "Ayarlar". In the top right corner, there is a "Kurs Oluştur" (Create Course) button with a red arrow pointing to it. In the center of the main content area, there is a "Kurs Oluştur" button highlighted with a red box.

- To create a new course, click on the "Course Management" tab in the control panel.
- On the page that opens, or in the top right section, click on the "Create Course" option.

The screenshot shows a web browser window with the URL profdux.aiiot.center/teacher/CourseManagement.php. The page header includes the logo of NEAR EAST UNIVERSITY AI AND ROBOTICS INSTITUTE and the name of the user, ZÖHRE S. YIRTICI, ÖĞRETİMEN. The left sidebar contains navigation options: AI Görüntü Oluşturucu, AI Sohbet, Kontrol Paneli, Kurs Yönetimi, Sınav, Planlama, Weight Assignment, Değerlendirme Durumları, Mesajlaşma, and Ayarlar. The main content area is titled 'Kurs Yönetimi' and features a 'Kurs Oluştur' (Create Course) modal form. The form has the following fields: 'COURSE CODE' with the value 'SEC381', 'COURSE NAME' with the value 'DISIPLİNER ARASI YAPAY ZEKA VE UYGULAMALARI', 'COURSE LANGUAGE' with the value 'Türkçe', and 'IS THIS COURSE A LANGUAGE COURSE?' with the value 'HAYIR'. A 'Oluştur' (Create) button is located at the bottom of the form.

- In the window that opens, select the “Course Code, Course Name, Course Language, and the option indicating” whether the course is a language course (e.g., French, German, etc.).
- After entering the information, click on the "Create" option.

2. COURSE MANAGEMENT (Create Course Objectives))

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

AI Görüntü Oluşturucu AI Sohbet

Kurs Yönetimi

Kontrol Paneli

Sınav

Planlama

Weight Assignment

Değerlendirme Durumları

Mesajlaşma

Ayarlar

TR ^

ZÖHRE S. YIRTICI ÖĞRETMEN

Kurs Oluştur

Kurs Yönetimi

SEC381
DİSİPLİNLER ARASI
YAPAY ZEKA VE
UYGULAMALARI

- Click on the catalog of your newly created course.

profdux.aiiot.center/teacher/CourseManagement.php

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

AI Görüntü Oluşturucu **AI Sohbet**

Kontrol Paneli

Kurs Yönetimi

Sınav

Planlama

Weight Assignment

Değerlendirme Durumları

Mesajlaşma

Ayarlar

TR ^

DİSİPLİNER ARASI YAPAY ZEKA VE UYGULAMALARI

SEC381

Öğretim Hedeflerini Düzenle

Kurs Sil

Kaydet

Yeni Ders Ekle

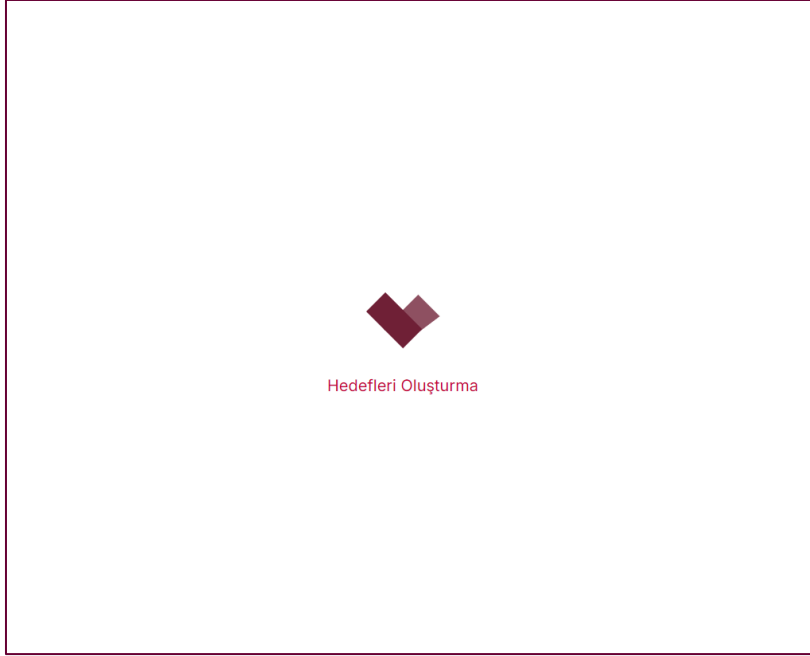
No Lectures Yet, Add a New Lecture

- In the "**Edit Learning Objectives**" section, you can click on the "**Let Prof. Dux create the course objectives**" option. Additionally, if you wish, you can also add your own course outcomes and objectives.

Öğretim Hedeflerini Düzenle

Save and Close

When the specified option is clicked, the "**Course Objectives and Outcomes**" are created.



- You can review the learning objectives created by Prof. Dux and make any necessary adjustments to the outcomes you wish to modify. To remove an item from the objectives, click on the trash can icon next to it.

- To save your changes, click on the "Save and Close" option.

2. COURSE MANAGEMENT (Upload Your Course Content and Notes)

The screenshot shows a web browser window with the URL `profdux.aiiot.center/teacher/CourseManagement.php`. The page header includes the NEU AI AND ROBOTICS INSTITUTE logo and the user name ZÖHRE S. YIRTICI ÖĞRETMEN. The main content area is titled "DİSİPLİNLER ARASI YAPAY ZEKA VE UYGULAMALARI" and displays the course code "SEC381". Below the course code, there are three buttons: "Öğrenim Hedeflerini Düzenle", "Kurs Sil", and "Yeni Ders Ekle". A white arrow points to the "Yeni Ders Ekle" button. The "Yeni Ders Ekle" button is highlighted with a red border. Below the buttons, there is a large light blue box with the text "No Lectures Yet, Add a New Lecture". The left sidebar contains the "Öğretmen Paneli" with various navigation options: "AI Görüntü Oluşturucu", "AI Sohbet", "Kontrol Paneli", "Kurs Yönetimi", "Sınav", "Planlama", "Weight Assignment", "Değerlendirme Durumları", "Mesajlaşma", and "Ayarlar". The language is set to TR.

- To create the course weeks, click on the "Add New Lesson" option.

DİSİPLİNLER ARASI YAPAY ZEKA VE UYGULAMALARI

SEC381

Öğrenim Hedeflerini Düzenle

Kurs Sil

1.

Kaydet

Yeni Ders Ekle

📎 📺 🗑️

- To upload your lecture notes and textbooks (in PDF format), click on the icon next to the topic box.

Kaynağı Yükle

Image PDF

İptal Ekle

Kaynağı Yükle

SEC381- DİSİPLİNLER ARASI YAPA...

İptal Ekle

- After attaching your file, upload your note by clicking on the "Add" option.

DİSİPLİNER ARASI YAPAY ZEKA VE UYGULAMALARI

SEC381




Öğrenim Hedeflerini Düzenle

Kurs Sil

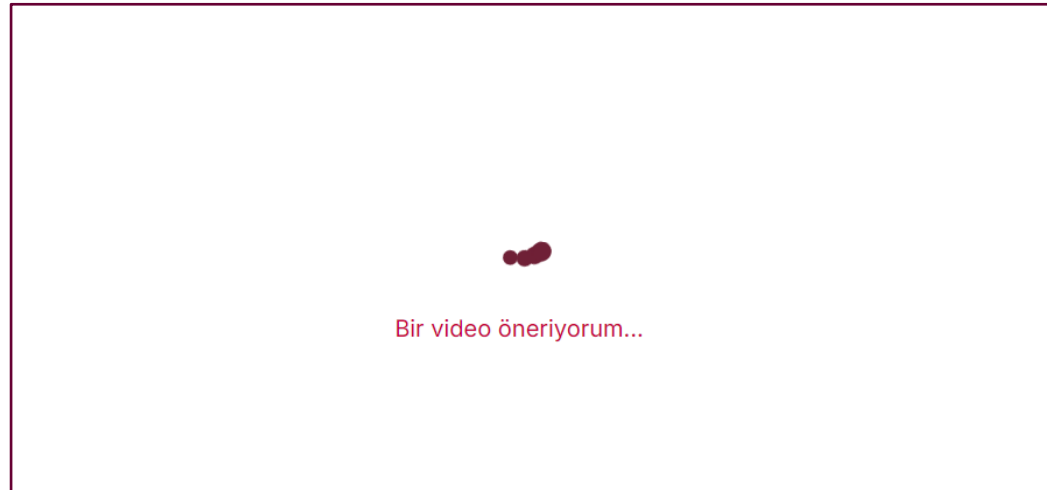
Kaydet

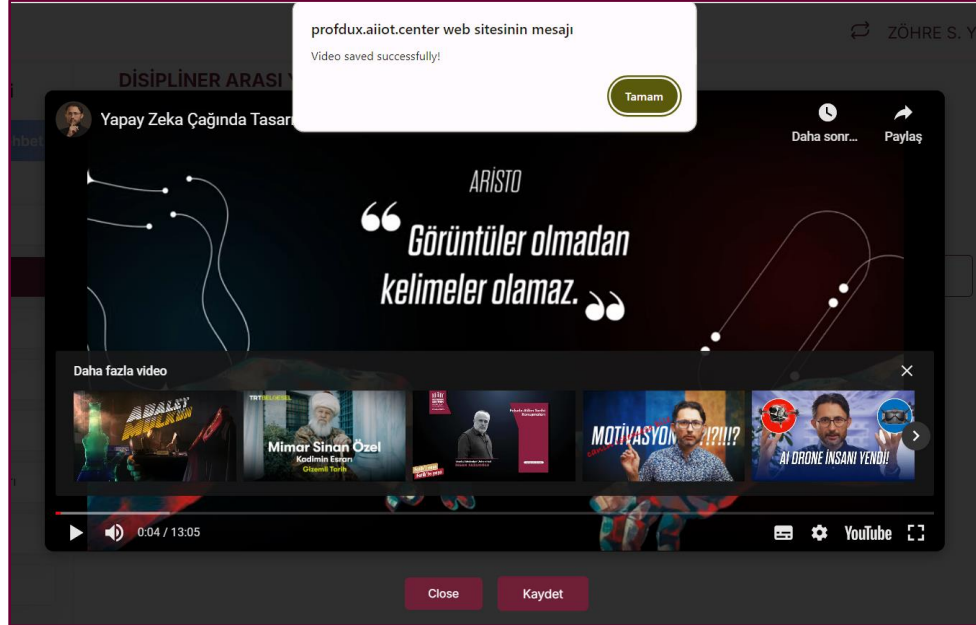
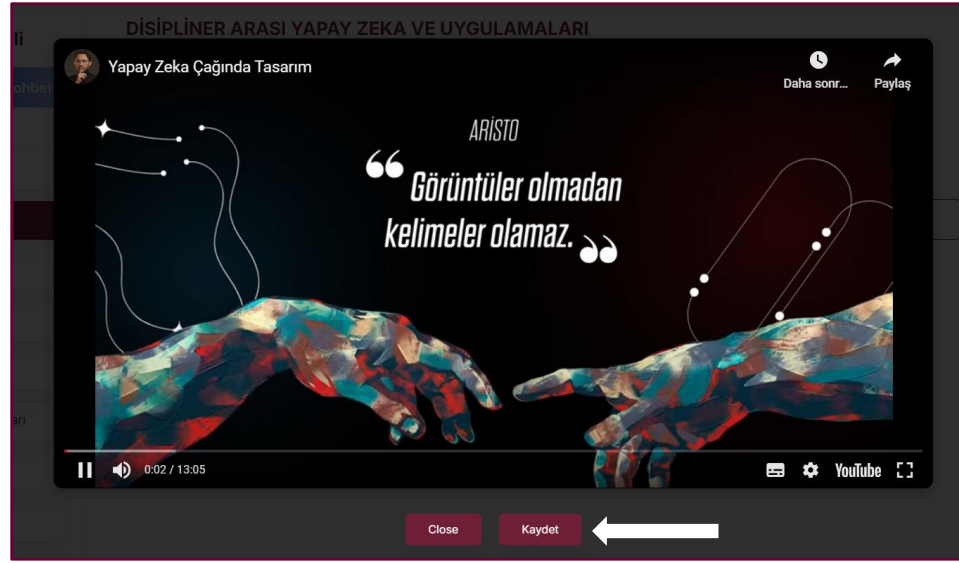
Yeni Ders Ekle

1.

- Your course videos are recommended by Prof. Dux based on the course content. To add a video, click on the icon next to the box. 





- After completing your tasks, click on the "Save" option to integrate the course contents. The saving process is displayed as shown below.



Kurs Anahatlarını Kaydetme

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

Öğretmen Paneli

- AI Görüntü Oluşturucu
- AI Sohbet
- Kontrol Paneli
- Kurs Yönetimi
- Sınav
- Planlama
- Weight Assignment
- Değerlendirme Durumları
- Mesajlaşma
- Ayarlar

DİSİPLİNLER ARASI YAPAY ZEKA VE UYGULAMALARI

SEC381

Öğrenim Hedeflerini Düzenle

Kurs Sil

Kaydet

Yeni Ders Ekle

1. YAPAY ZEKAYA GİRİŞ

1729583137.pdf

https://www.youtube.com/watch?v=zAssqk78h4E

test oluştur

- To add a new topic to your course, click on the "Add New Lesson" option again.

1. YAPAY ZEKAYA GİRİŞ

1729583137.pdf

https://www.youtube.com/watch?v=zAssqk78h4E

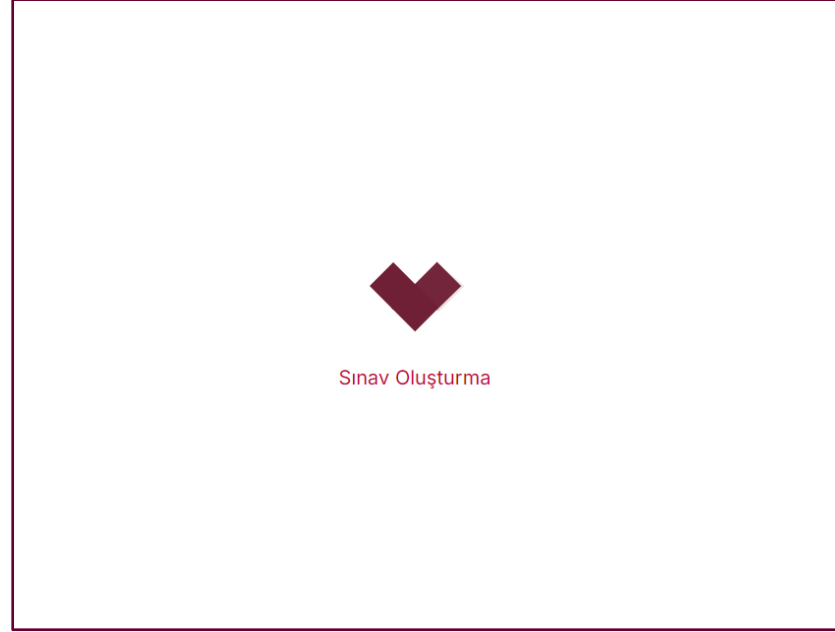
test oluştur

2.



2. COURSE MANAGEMENT (Prepare Your Quiz)



The screenshot displays the 'Öğretmen Paneli' (Teacher Panel) for a course. The left sidebar contains various management options: AI Görüntü Oluşturucu, AI Sohbet, Kontrol Paneli, Kurs Yönetimi (highlighted), Sınav, Planlama, Weight Assignment, Değerlendirme Durumları, Mesajlaşma, and Ayarlar. The main content area shows the course title 'YAPAY ZEKAYA GİRİŞ' and a list of resources: a PDF file '1729583137.pdf' and a YouTube video 'https://www.youtube.com/watch?v=zAssqk78h4E'. A green 'test oluştur' button is located at the bottom center, with a red arrow pointing to it from the right. The top right corner shows the user's name 'ZÖHRE S. YIRTICI ÖĞRETMEN' and a profile icon.


- To add a quiz to the topic week in your course content, click on the **"Create Test"** option. The quiz questions and answer key will be created by Prof. Dux.



1. YAPAY ZEKAYA GİRİŞ 2

 1729583137.pdf görüş 

 <https://www.youtube.com/watch?v=zAssqk78h4E> görüş 

YAPAY ZEKAYA GİRİŞ Sınavı sınavı düzenle 

- You can edit the quiz created by Prof. Dux. The question options are provided below. The questions are edited along with the answer key. Once all edits are complete, click on the "Save and Close" option.

Sınav TÜRKÇE Kaydet ve Kapat

QUESTION 1

Yapay Zeka'da 'Çerçeve Sorunu' nedir ve nasıl bir güç doğurur?

A Bir durumdaki önemli ve önemsiz bilgilerin belirlenmesinin zorluğu

B AI verilerinin çökmesine neden olan bir programlama sorunu

C AI'daki sinir ağlarıyla ilgili bir kavram

D Makinelere insanın farklılaşması simüle etme zorluğu

Önceki Soru Sonraki Soru

- You can make changes to the language of the questions within the exam.

Sınav TÜRKÇE Kaydet ve Kapat

QUESTION 4

Yapay Zeka'daki 'Sinir Ağları' kavramı hangi biyolojik sistemin yapısından esinlenerek bölümlere ayrılmıştır?

Beyin

Önceki Soru Sonraki Soru

Sınav TÜRKÇE Kaydet ve Kapat

QUESTION 2

Turing Testi yapay zekanın ölçümlerinin kesin bir şekilde yürütülmesidir.

DOĞRU CEVAP

Doğru Yanlış

Önceki Soru Sonraki Soru

True/False question option and Answer Key

Sınav TÜRKÇE Kaydet ve Kapat

QUESTION 8

Terim 'Yapay Zeka' hayatının ilk sürecinde kullanımında hangi yılda gerçekleşti?

1956

Önceki Soru Sonraki Soru

profdux.aiiot.center/teacher/CourseManagement.php

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

Öğretmen Paneli

AI Görüntü Oluşturucu AI Sohbet

Kontrol Paneli

Kurs Yönetimi

Sınav

Planlama

Weight Assignment

Değerlendirme Durumları

Mesajlaşma

Ayarlar

TR ^

DİSİPLİNER ARASI YAPAY ZEKA VE UYGULAMALARI

SEC381

Öğrenim Hedeflerini Düzenle

Kurs Sil

Kaydet

Yeni Ders Ekle

1. YAPAY ZEKAYA GİRİŞ

1729583137.pdf

https://www.youtube.com/watch?v=zAssqk78h4E

YAPAY ZEKAYA GİRİŞ Sınavı

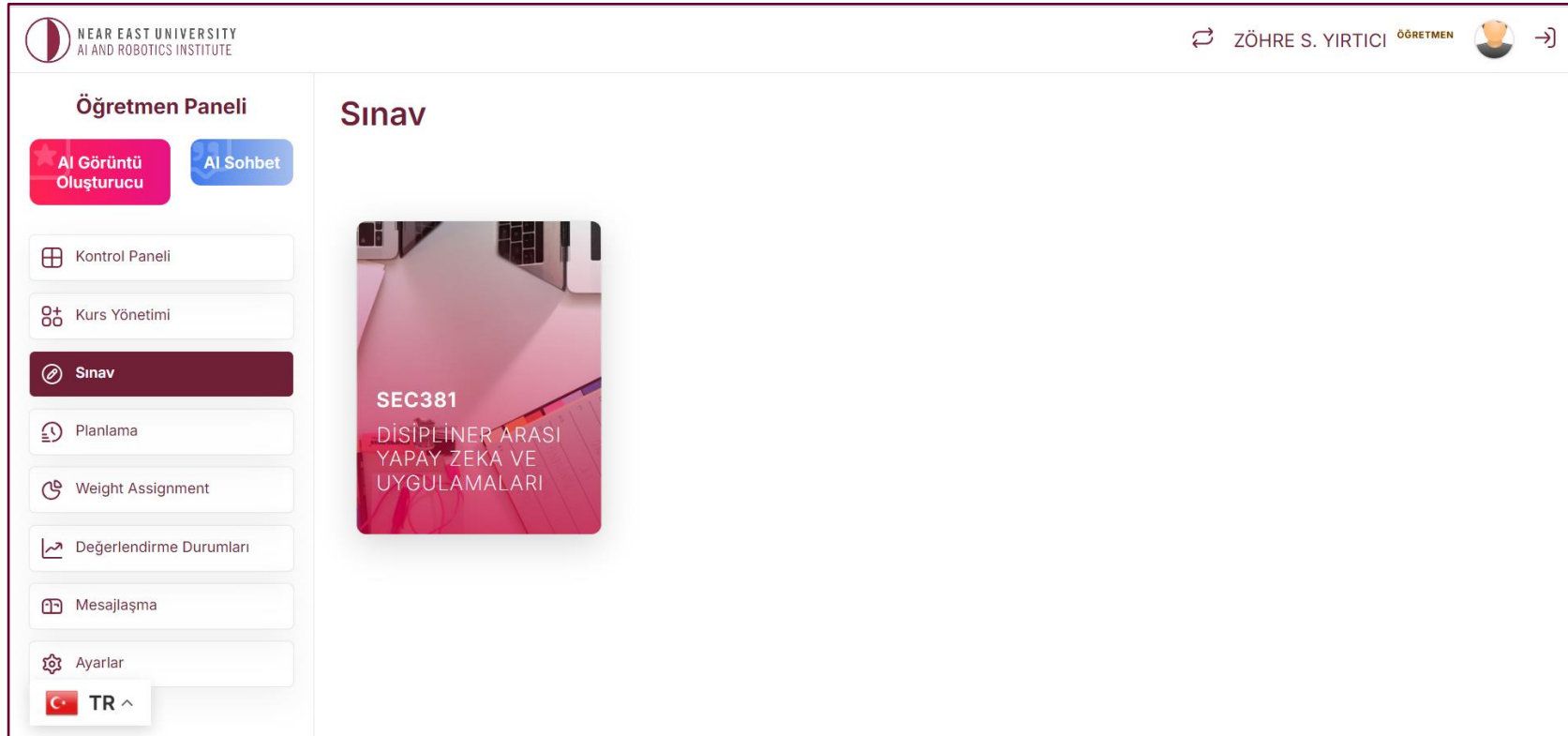
sınavı düzenle

- After completing all your tasks within the course, click on the "Save" option located in the top right section



Kurs Anahatlarını Kaydetme

3. CREATE EXAMS (Create exams for your course)



The screenshot displays the NEU AI and Robotics Institute Teacher Panel. The top header includes the university logo and name, the user's name 'ZÖHRE S. YIRTICI ÖĞRETMEN', and a profile icon. The main content area is titled 'Sınav' (Exam). On the left, a sidebar menu under 'Öğretmen Paneli' (Teacher Panel) lists various options: 'AI Görüntü Oluşturucu' (AI Image Generator), 'AI Sohbet' (AI Chat), 'Kontrol Paneli' (Control Panel), 'Kurs Yönetimi' (Course Management), 'Sınav' (Exam), 'Planlama' (Planning), 'Weight Assignment', 'Değerlendirme Durumları' (Evaluation Status), 'Mesajlaşma' (Messaging), and 'Ayarlar' (Settings). The 'Sınav' option is highlighted in a dark red color. Below the sidebar, a card for 'SEC381 DİSİPLİNLER ARASI YAPAY ZEKA VE UYGULAMALARI' (SEC381 INTERDISCIPLINARY ARTIFICIAL INTELLIGENCE AND APPLICATIONS) is visible.

- Click on the "**Exam**" option in the control panel, and then select your course catalog again.

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

Öğretmen Paneli

AI Görüntü Oluşturucu AI Sohbet

Kontrol Paneli

Kurs Yönetimi

Sınav

Planlama

Weight Assignment

Değerlendirme Durumları

Mesajlaşma

Ayarlar

TR ^

←

→ Yeni bir sınav oluştur

Henüz sınav yok.

- To add an exam, click on the "Create a New Exam" option.

Yeni bir sınav oluřtur

EXAM NAME
1. SINAV *

NUMBER OF MULTIPLE CHOICE QUESTIONS
4 *

NUMBER OF FILL IN THE BLANKS
6 *

NUMBER OF TRUE AND FALSE
10 *

EXAM DURATION IN MINUTES
30 *

HARDNESS LEVEL
Automatic

Oluřtur

sinav soruları oluřturma

0/0

- In the window that opens, you can enter the "Exam Name" and specify how many "Multiple Choice, Fill-in-the-Blank, and True/False" questions should be included. After entering this information, add the exam duration and click on the "Create" option.

1. Sınav 1

2024-10-22T09:31:45.666Z tarihinde oluřturuldu



- You can also edit the exam you have created later on.

4. CREATING THE WEEKLY LESSON AND EXAM SCHEDULE

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

Öğretmen Paneli

- AI Görüntü Oluşturucu
- AI Sohbet
- Kontrol Paneli
- Kurs Yönetimi
- Sınav
- Planlama**
- Weight Assignment
- Değerlendirme Durumları

Ders Planlaması

SEC381 : DİSİPLİNLER ARASI YAPAY ZEKA VE UYGULAMALARI

Kaydet

DERS SAATLERİ

- YAPAY ZEKAYA GİRİŞ
gg.aa.yyyy

SINAV ZAMANLARI

- Sınav 1 zaman ayarlanmamış
gg.aa.yyyy

- From the control panel, click on the "**Scheduling**" option. In the window that opens, you can prepare your weekly schedule by specifying how many lesson weeks and associated exams you have, using the day/month/year format. Then, save your changes by clicking on the "**Save**" option.

SEC381 : DİSİPLİNLER ARASI YAPAY ZEKA VE UYGULAMALARI

Kaydet

DERS SAATLERİ

- YAPAY ZEKAYA GİRİŞ
25.10.2024

SINAV ZAMANLARI

- Sınav 1 zaman ayarlanmamış
01.11.2024

5. ASSIGNING WEIGHTINGS FOR THE EXAM SCORE

The screenshot displays the 'Değerlendirme Ağırlıkları' (Evaluation Weights) page in the teacher control panel. The page is titled 'Değerlendirme Ağırlıkları' and is part of the 'Öğretmen Paneli' (Teacher Panel). The left sidebar contains various navigation options, including 'AI Görüntü Oluşturucu', 'AI Sohbet', 'Kontrol Paneli', 'Kurs Yönetimi', 'Sınav', 'Planlama', 'Weight Assignment', 'Değerlendirme Durumları', 'Mesajlaşma', and 'Ayarlar'. The main content area shows a list of exam items with their weights and a 'Kaydetmek' (Save) button.

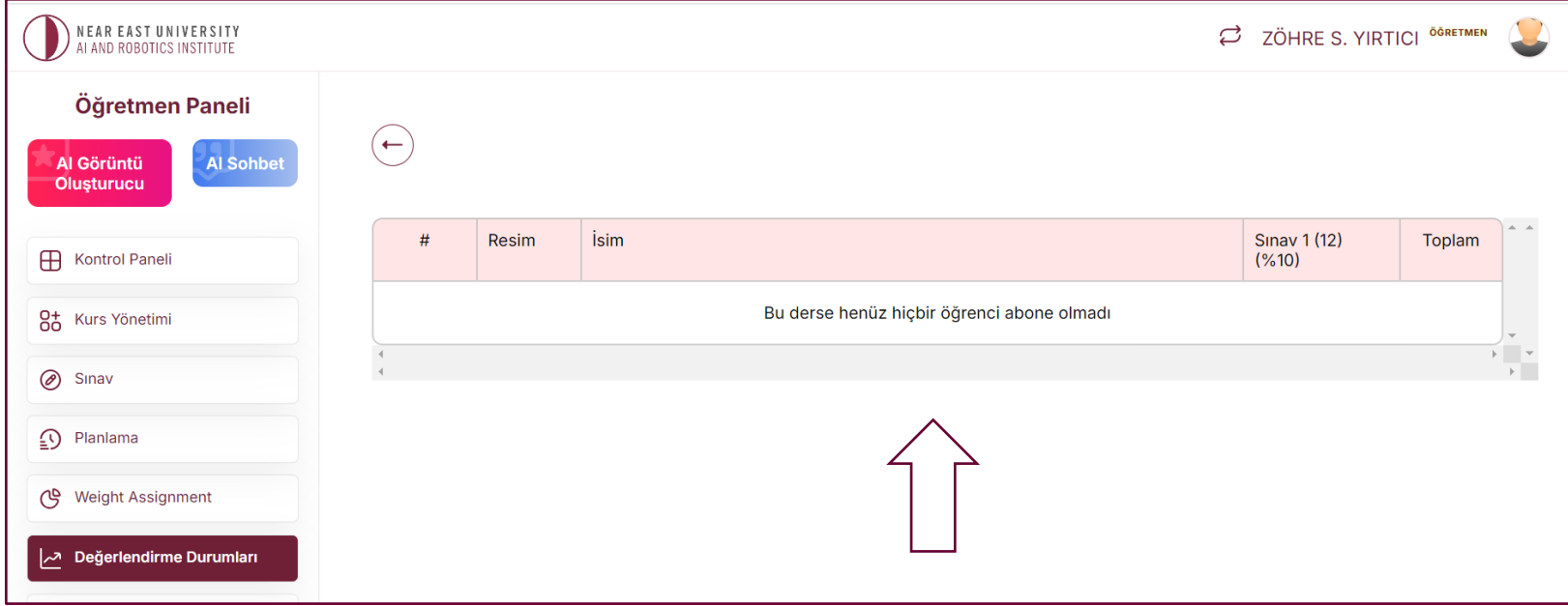
The exam items are:

1. **YAPAY ZEKAYA GİRİŞ Sınavı** (Weight: 10)
2. **Sınav 1** (Weight: 60)

The 'Kaydetmek' button is located below the exam items.

- You can set the score weightings for the quizzes and midterm/final exams prepared for the course in the "Assign Weightings" section of the control panel. After entering the data, click on the "Save" option.

6. SUCCESS EVALUATION CRITERIA



The screenshot displays the teacher panel interface. On the left, the 'Öğretmen Paneli' (Teacher Panel) is visible, containing several navigation options: 'AI Görüntü Oluşturucu' (AI Image Generator), 'AI Sohbet' (AI Chat), 'Kontrol Paneli' (Control Panel), 'Kurs Yönetimi' (Course Management), 'Sınav' (Exam), 'Planlama' (Planning), 'Weight Assignment', and 'Değerlendirme Durumları' (Evaluation Status). The 'Değerlendirme Durumları' option is highlighted in red. The main content area shows a table with the following columns: '#', 'Resim' (Image), 'İsim' (Name), 'Sınav 1 (12) (%10)' (Exam 1 (12) (%10)), and 'Toplam' (Total). The table is currently empty, displaying the message 'Bu derse henüz hiçbir öğrenci abone olmadı' (No student has subscribed to this course yet). A red arrow points to the 'Değerlendirme Durumları' button in the sidebar.

- To track the performance of your students participating in the exams for your course, you can monitor it in the "**Evaluation Status**" section of the control panel.

7. SENDING MESSAGES AND ADDING COURSE ANNOUNCEMENTS

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

Öğretmen Paneli

AI Görüntü Oluşturucu AI Sohbet

Kontrol Paneli

Kurs Yönetimi

Sınav

Planlama

Weight Assignment

Değerlendirme Durumları

Mesajlaşma

Mesajlaşma

Mesajlar Ders Duyuruları

Doğrudan mesaj göndermek için bu butona tıklayın Yeni Mesaj

Şu anda hiç mesajınız yok

- You can send individual messages to the students enrolled in your course or add course announcements. You can send messages and add your course announcements from the "**Messages**" and "**Course Announcements**" sections in the Control Panel.

Send Message

İLE

Kişinin Adı *

Send

Send Announcement

0 / 250

İLE

Sınıf Adı *

Send

8. EDITING PROFILE INFORMATION

NEAR EAST UNIVERSITY
AI AND ROBOTICS INSTITUTE

ZÖHRE S. YIRTICI ÖĞRETMEN

Öğretmen Paneli

AI Görüntü Oluşturucu AI Sohbet

Kontrol Paneli

Kurs Yönetimi

Sınav

Planlama

Weight Assignment

Değerlendirme Durumları

Mesajlaşma

Ayarlar

TR ^

İSİM
ZÖHRE S. YIRTICI *

TELEFON ID
Unset 000

E-POSTA
zohre.serttas@neu.edu.tr

ADRES
Unset

Kaydet

- To edit your profile information, click on the "**Settings**" tab in the control panel. In the section that opens, update your information and click on the "**Save**" option to save your changes (profile update).

9. PROFILE VIEWING

Lecturer profile:

The screenshot shows the Lecturer profile page. The browser address bar displays "profdux.aiiot.center/teacher/". The page header includes the NEAR EAST UNIVERSITY AI AND ROBOTICS INSTITUTE logo and the user name "ZÖHRE S. YIRTICI ÖĞRETMEN" with a profile icon and a transition button. The main content area is divided into two panels. The left panel, titled "Öğretmen Paneli", contains buttons for "AI Görüntü Oluşturucu", "AI Sohbet", "Kontrol Paneli", "Kurs Yönetimi", "Sınav", "Planlama", "Weight Assignment", and "Değerlendirme Durumları". The right panel displays statistics: "Kurslar" (1), "Toplam Öğrenci Sayısı" (0), "Okunmamış Mesajlar" (3 dots), and "Sınavlar" (1). A red arrow points to the transition button next to the user name.

- After completing all your course tasks with Prof. Dux, you can view your course from the student profile by clicking on the transition button next to your name. 

Student profile:

The screenshot shows the Student profile page. The browser address bar displays "profdux.aiiot.center/student/". The page header includes the NEAR EAST UNIVERSITY AI AND ROBOTICS INSTITUTE logo and the user name "ZÖHRE S. YIRTICI STUDENT" with a profile icon and a transition button. The main content area is divided into two panels. The left panel, titled "Öğrenci Paneli", contains buttons for "AI Görüntü Oluşturucu", "AI Sohbet", "Ev", "Kurslar", "Sınav", and "Sınıf". The right panel displays statistics: "Alınan Dersler" (0), "Bu Haftaki Dersler" (3 dots), "Okunmamış Mesajlar" (3 dots), and "Yaklaşan Sınavlar" (0).



Voila!

Your course is ready to run for the semester!

