Introducing the AI Virtual Assistant for Moodle

Smarter Student Support — Without Extra Work

EXABIS
AI Chat

"Imagine your students getting instant, accurate answers about course requirements, grades, and deadlines — any time, day or night. No emails. No misunderstandings. Just clarity.

Teachers set it up in under an hour, students love it, and it costs less than a coffee per semester.

Start small — try it in one course. Let AI support your teaching, not complicate it."

📘 What Is It?

An AI-powered Virtual Assistant plugin for Moodle 4.x, developed by University of Zagreb Faculty of Organization and Informatics, Croatia and GTN Solutions, Austria, designed to:
- Answer students' questions about course rules, grading, and deadlines
- Provide personalized feedback based on real-time data from the Moodle gradebook
- Support teachers, not replace them

💡 Why Use It?

✔ Instant answers for students — no more repeated emails

✔ Boosts engagement, especially in online and blended learning

✔ Simple setup: One-hour online workshop for teachers

✔ Ultra-low cost: ~1,000 queries cost just $2 (ChatGPT 4.1 Mini)

✔ Proven results: Positive pilot with 70 students

✔ Backed by research: Based on the UTAUT2 model

🔧 How It Works

1. Teachers define course rules (e.g., grading structure, point thresholds)
2. Student records (grades, attendance) must be entered in Moodle
3. Assistant is set up within the course — no coding needed
4. Students ask questions; assistant gives real-time, personalized advice
5. All based on course rules and data pulled from the gradebook

🛠 Note: Without gradebook data, the assistant cannot provide personalized feedback.

🚀 Pilot Opportunity: Join via the DIGITAsia Project

We're inviting institutions to pilot the assistant in a limited number of courses as part of the DIGITAsia project. Perfect for online or hybrid teaching environments. Teacher interest required.

GTN SOLUTIONS
GLOBAL TRAINING NETWORK

foi
SVEUČILIŠTE U ZAGREBU
FAKULTET ORGANIZACIJE I INFORMATIKE
VARAŽDIN

"AI in service of education — simple, smart, and human-centered."

AI Teaching Assistant in Action — Screenshot Highlights

Assistant

You are ▓▓▓▓▓▓▓▓ a student enrolled in the course Business Informatics at the Faculty of Organization and Informatics in Varaždin. How can I assist you regarding the course rules or your points?

User

who are you?

Assistant

I am an AI assistant here to help you with questions related to the course "Business Informatics" based strictly on the official course rules and instructions provided. How can I assist you today?

Ask a question...

User

Show me my grades from theoretical exams

Assistant

Your grades from the theoretical exams are as follows:
- First theoretical written exam (kolokvij): 10.00 points
- Second theoretical written exam (kolokvij): 12.00 points

If you want, I can also calculate your total foundational points including the optional online test to see your current status regarding grading conditions. Would you like me to do that? Also, please provide your attendance data so I can give a complete assessment.

Ask a question...

User

I also attended all lectures. How can I get a grade?

Assistant

Thank you for providing your lecture attendance. Because your total foundational points are below the threshold of 30, according to course rules, other points from exercises and blic tests will not be added toward the final score in continuous assessment. Therefore:
- You do NOT meet the qualification conditions ("IMA_UVJETE_ZA_OCJENU") for getting a grade through continuous assessment.
- Your total score via continuous assessment would be only these foundational points (25), which is less than needed.
- This means that even though you have signature and passed exercises, you cannot pass or get a positive grade now via continuous assessment.

What next?
You must take classic exams after classes end (written plus oral exam). The only requirement to enter those exams is having obtained the signature, which you have met by attending all lectures and exercises with sufficient minimums.
If you'd like help preparing or understanding how classic exams work, feel free to ask!

Ask a question...

User

Did I pass laboratory excercises?

Assistant

To determine if you passed the laboratory exercises, I need to know your attendance at the exercises (number of attended exercise sessions). Could you please provide that information?

User

I attended all excercises

Assistant

Thank you for the information.
Based on your exercise points: - Poslovni softver opće namjene: 9.00 - Timski UIS projekt: 9.50 - Osnove OS-a Linux: 2.00
Your total exercise points rounded are 21 (rounded from 20.5).
You have passed all three minimum thresholds for exercises: - At least 6 points in Poslovni softver (you have 9.00) - At least 5.5 points in Timski UIS projekt (you have 9.50) - At least 1 point in Osnove OS-a Linux (you have 2.00)
And since you attended at least 12 out of the total exercises (in this case, all), you meet that attendance condition as well.
Therefore, **you have passed the laboratory exercises** according to course rules.
If you want, I can help with other parts of your status or grade calculation!

Ask a question...