

Dube

FZones

The Team

❖ **Theodoris Mallios:**

- Informatics & Telecommunications, NKUA
- Soldier in the ARMY

❖ **Kyriaki Karapliou:**

- Informatics & Telecommunications, NKUA
- Training for my first marathon

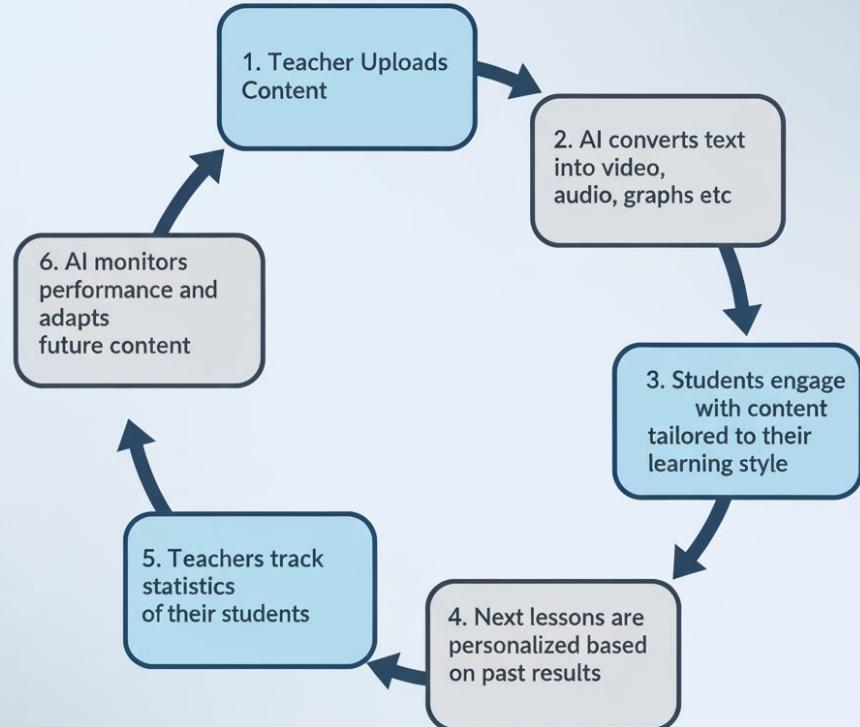
Problem

- ★ Education still relies on text & visuals only
- ★ People learn faster with personalized styles
- ★ One-size-fits-all approach dominates
- ★ Leads to frustration & low engagement

Our Solution

- A web platform that personalizes learning experiences.
- Analyzes learning patterns and test results to adapt to each student.
- AI agent updates user profiles after every session.
- Supports multiple media: visual, auditory, and textual.

Key Features



Impact

- Students: Faster, deeper, more engaging learning.
- Teachers: Save time, track student progress.
- Scalable for schools, universities, lifelong learning.

Demo Time

Future Work

- **Deeper Content Interactivity**
 - ◆ **Knowledge Graphs:** Visualize concept relationships.
 - ◆ **Active Recall:** AI-generated fill-in-the-gap and matching questions.
 - ◆ **Skill Assessment:** Introduce listening and speaking exercises.
- **Autonomous Course Generation**
 - ◆ Use LLMs to structure all material.
 - ◆ Generate questions and information cards automatically.
- **Real-Time Student Support**
 - ◆ Integrate an LLM Virtual Assistant.
 - ◆ Instantly answer student questions on the spot.
 - ◆ Provide context-aware clarification on taught material.

Any Questions?

We're happy to clarify!