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FEDU COMMUNITY

Web platform for community learning

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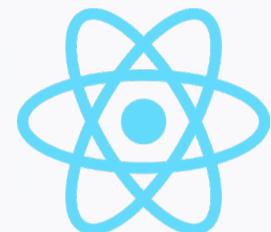**Company: iiTeam s.r.o. Ing.Ľuboš Minčák**
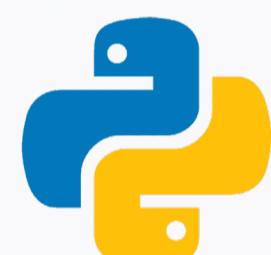**University mentor : doc. Ing. Stanislav Ondáš, PhD.**

Problem Description

Teachers often use fragmented tools (worksheets, textbooks, videos) for lesson preparation. Lesson planning is time-consuming and lacks structure and time control. There is no unified platform for planning, running, and managing lessons in real time. Teachers need better tools to organize activities and efficiently manage classroom time.
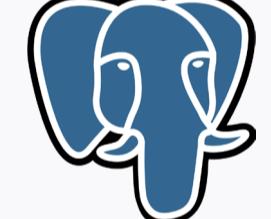
Solution Features

Secure teacher login with school, class, and subject selection. Activity-based lesson planning for each subject and topic. Time allocation for individual activities within a lesson. Built-in lesson timer with pause, resume, and skip options. Sequential execution of activities during the lesson. Timetable view with daily schedule, calendar, messages, and current time.

Support for multiple activity types

presentations, interactive games, flashcards, and educational videos.

Technologies & Project Status Technologies

Frontend: React.js, Backend: Django, Database: PostgreSQL, Architecture: Modular and scalable Language, support: English / Slovak ready Project, Status: Open-source educational platform Designed for future expansion to additional subjects and modules