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# Adaptive Learning System

An intelligent teaching assistant that makes learning more responsive, personalized, and data-driven without adding extra work for teachers.

## Overview

This prototype demonstrates a Microsoft Teams-integrated adaptive learning system that provides:

- 24/7 AI-powered concept explanations based on course materials

- Personalized practice questions with adaptive difficulty

- Real-time feedback and progress tracking

- Seamless integration with Microsoft Teams

## Features

### For Students

- \*\*Concept Explainer\*\*: Ask questions about course concepts and receive clear, contextual explanations

- \*\*Practice Questions\*\*: Test knowledge with adaptive multiple-choice questions

- \*\*Progress Tracking\*\*: Monitor understanding and improvement over time

### Technical Capabilities

- Microsoft Teams integration

- OpenAI-powered explanations

- Context-aware responses based on course content

- Basic analytics for measuring student engagement

## Architecture

The system follows a modern, scalable architecture:

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## Contact

For questions or collaboration opportunities, please contact [your.email@example.com](mailto:your.email@example