



Microsoft Classroom AI – AIClassAzister

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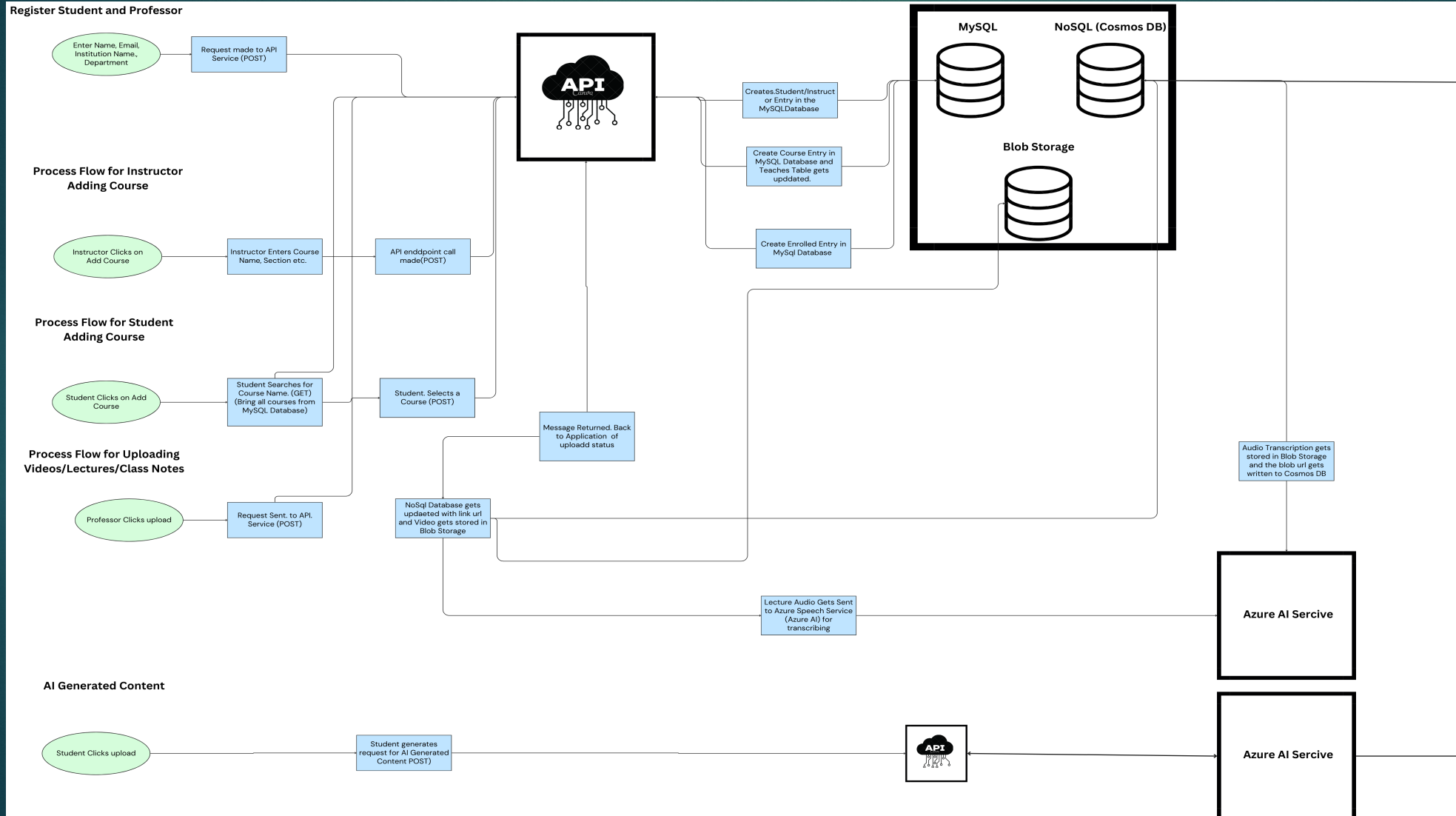
Abstract

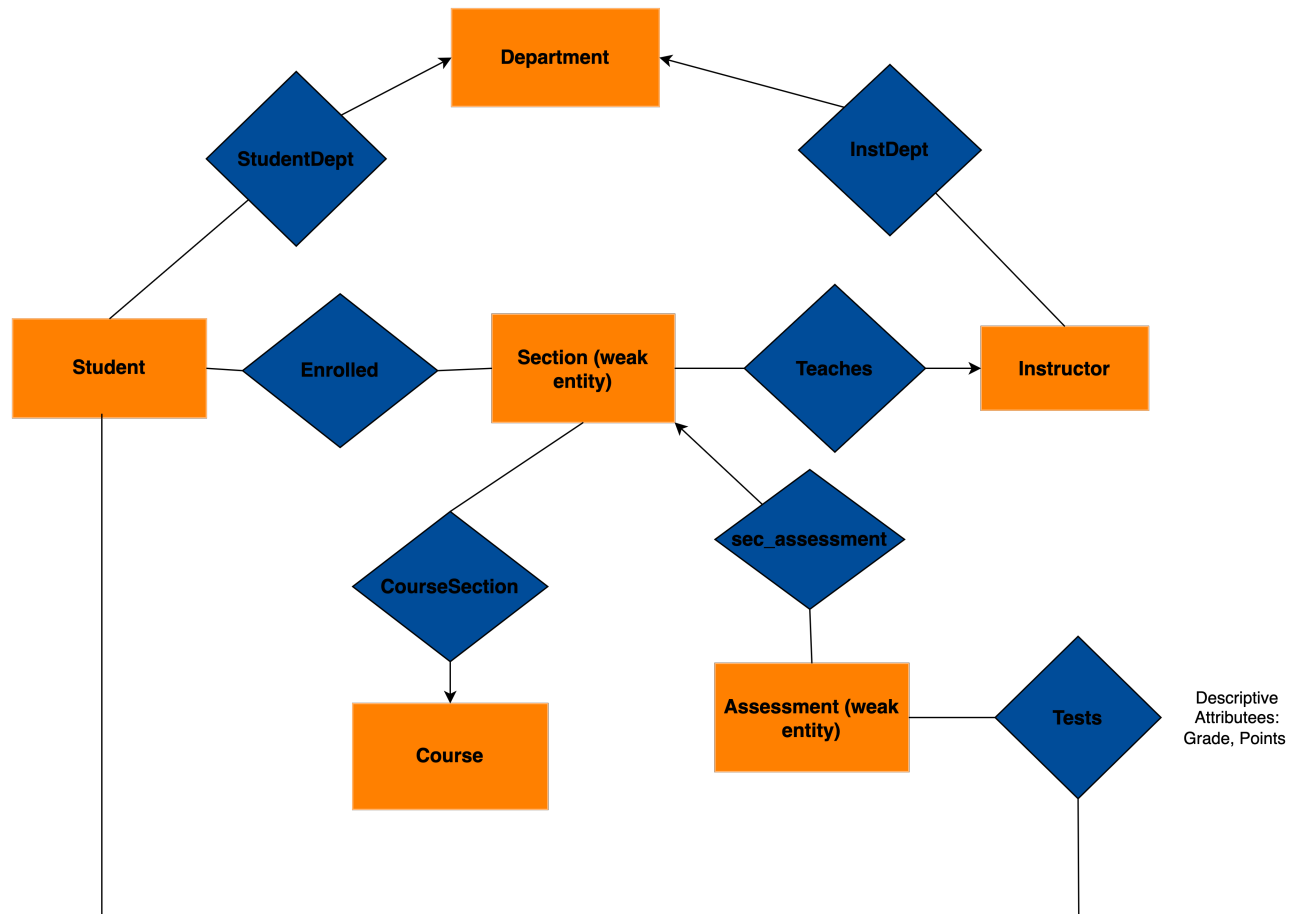
- ▶ AI tools like ChatGPT overwhelming pace of advancements in almost every industry domain.
- ▶ importance that educators and students learn to navigate in this reality.
- ▶ My application will help students to learn AI curated content along with having fun and earning rewards
- ▶ Will get personalized content based on their learning needs

Services Used

- ▶ Azure CosmosDB for MongoDB
 - ▶ Lectures
- ▶ Azure Database for MySQL
 - ▶ Student/Instructor Tables
 - ▶ Test Scores and Points
- ▶ Azure Blob Storage
 - ▶ Audio Files
 - ▶ Transcripts
 - ▶ Lecture Notes
- ▶ Azure AI Speech Services
 - ▶ Transcription of Lectures

Backend Workflows





Backend Architecture E-R Diagram

Next Steps

- ▶ Incorporate Assessments and AI generated content
- ▶ Have models that will track where students are having difficulties and recommend content for them
- ▶ Build into Azure App Services for deployment of the application