Beta Presentation
Adaptive Assessment Generator for Tech-Ops Training
The Capstone Experience
Team United Airlines Training

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Project Overview

• Web application for adaptive training of United Airlines Training employees
• Separate viewpoints for students, instructors and admins
• Students can view content and take quizzes
• Instructors can add content and quizzes
• Admin manages classrooms and assign instructors
• AI-generated and manual questions
System Architecture
Admin Classroom
Instructor Dashboard
Generate Question Types
Student Quiz Page

The image shows a student quiz page with a question:

**Multiple Choice**

Q: Which aircraft is used by United for overwater flights in the A319 model?

- [ ] 747
- [ ] 747 and A319
- [ ] A320
- [x] A319

Correct Answer: A319
What’s left to do?

Stretch Goals

▪ Multithreading/multiple API keys
▪ Individual question results
▪ Generate questions on specific topics
▪ Analysis of classroom results

Other Tasks

▪ Design changes for student and admin viewpoint
▪ More error checking for AI questions
Questions?