

MICHIGAN STATE
UNIVERSITY

Alpha Presentation
Tech Ops Training
Content Management System
The Capstone Experience
Team United Airlines Training

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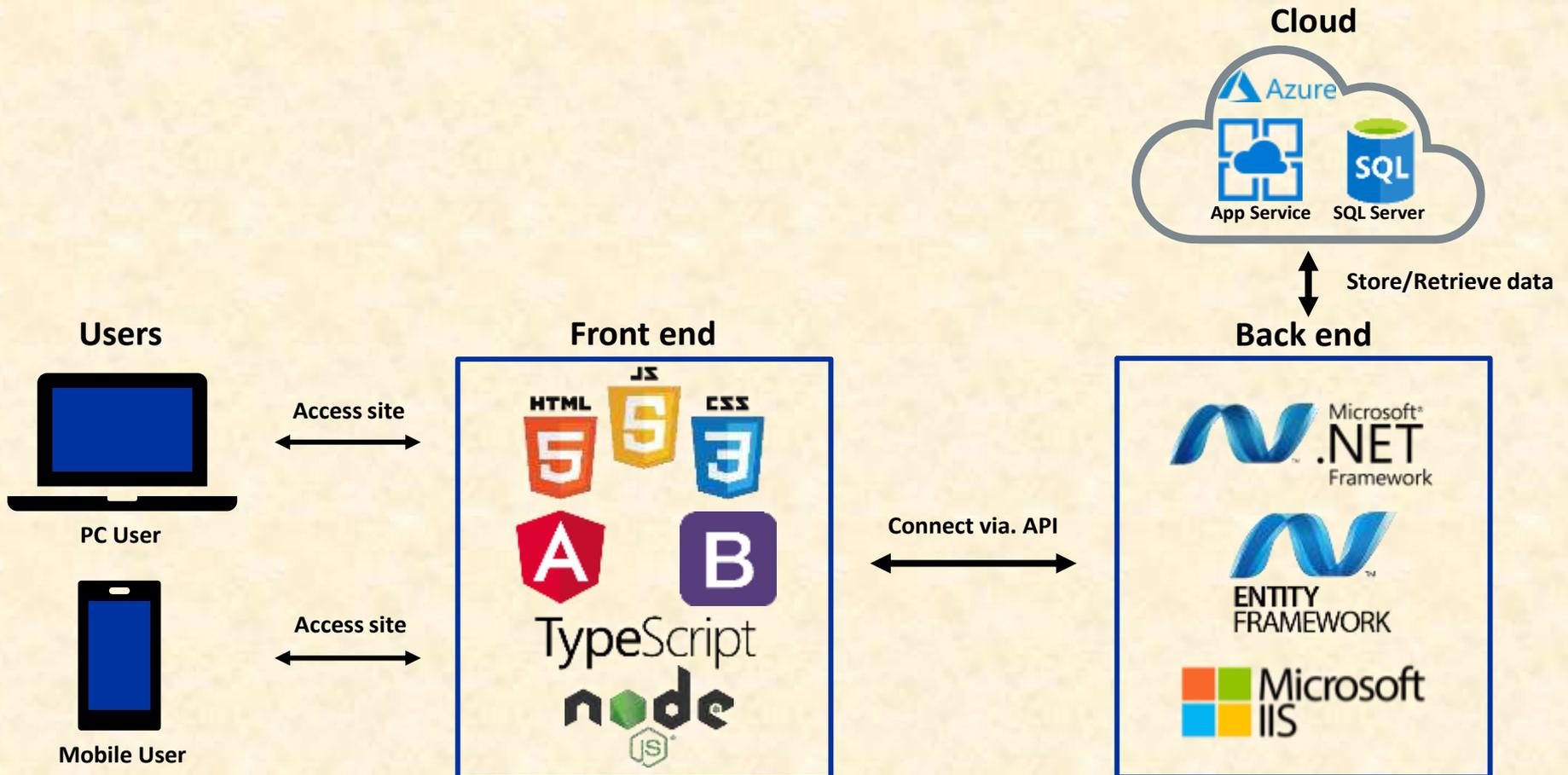
From Students...
...to Professionals

Project Overview

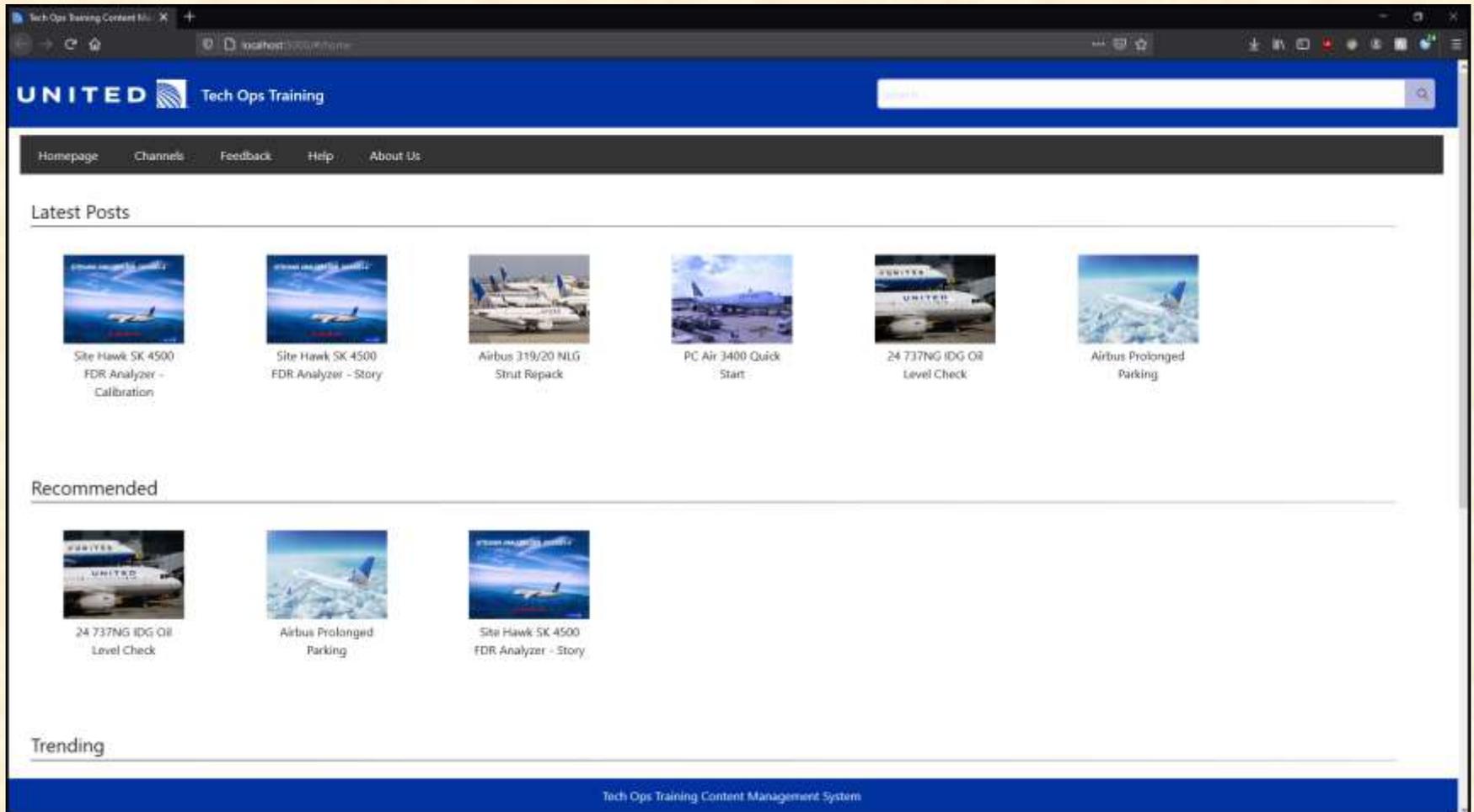
- Web application used to organize and supply media content for training purposes
 - Multiple formats for media content, such as video, HTML, PDF, and more
- Supports user feedback, comments, and likes
- Dynamically recommends content to users based on stored data and analytics



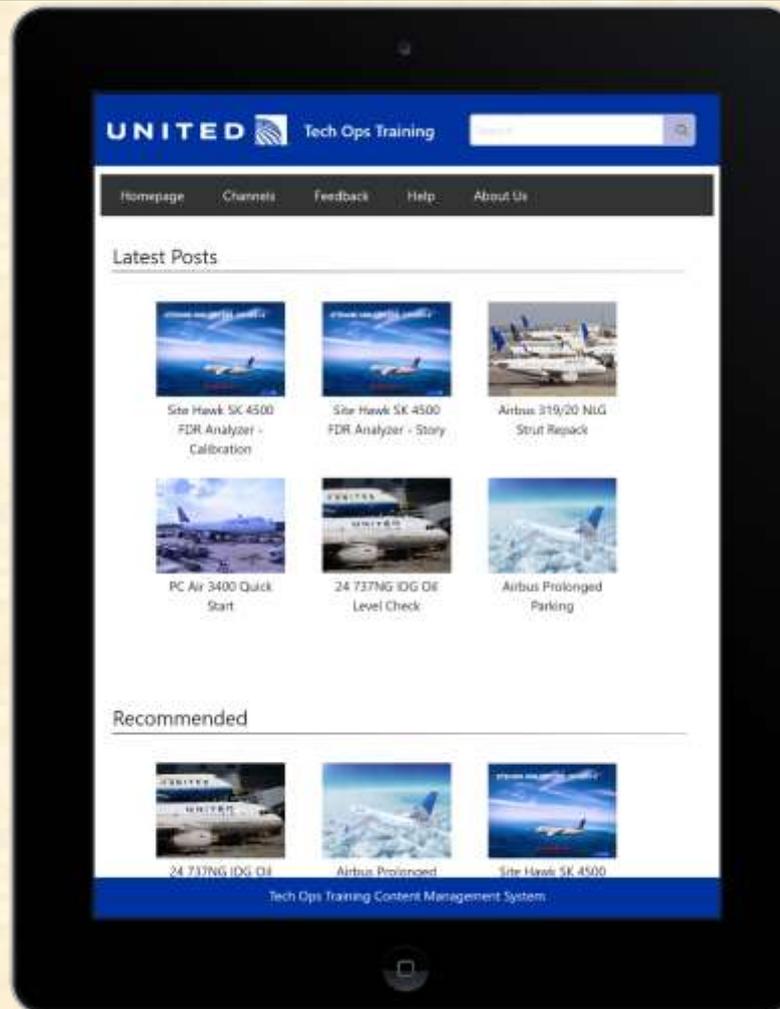
System Architecture



Homepage – Desktop View



Homepage – Mobile View



Media Page – Desktop

The screenshot displays a web browser window with the URL `localhost:3000/`. The page header features the United logo and 'Tech Ops Training' text. A navigation bar includes links for 'Homepage', 'Channels', 'Feedback', 'Help', and 'About Us'. The main content area is titled 'Site Hawk SK-4500 FDR Analyzer' and contains a video player. The video shows a close-up of the device's screen with a file selection interface. A blue callout box with the word 'SELECT' points to the 'TCAS.cst' file in the list. To the left of the video, a text box contains the following instructions:

- SELECT THE ANTENNA TO BE TESTED
- FOR THIS TIP WE WILL SELECT **TCAS.cst**

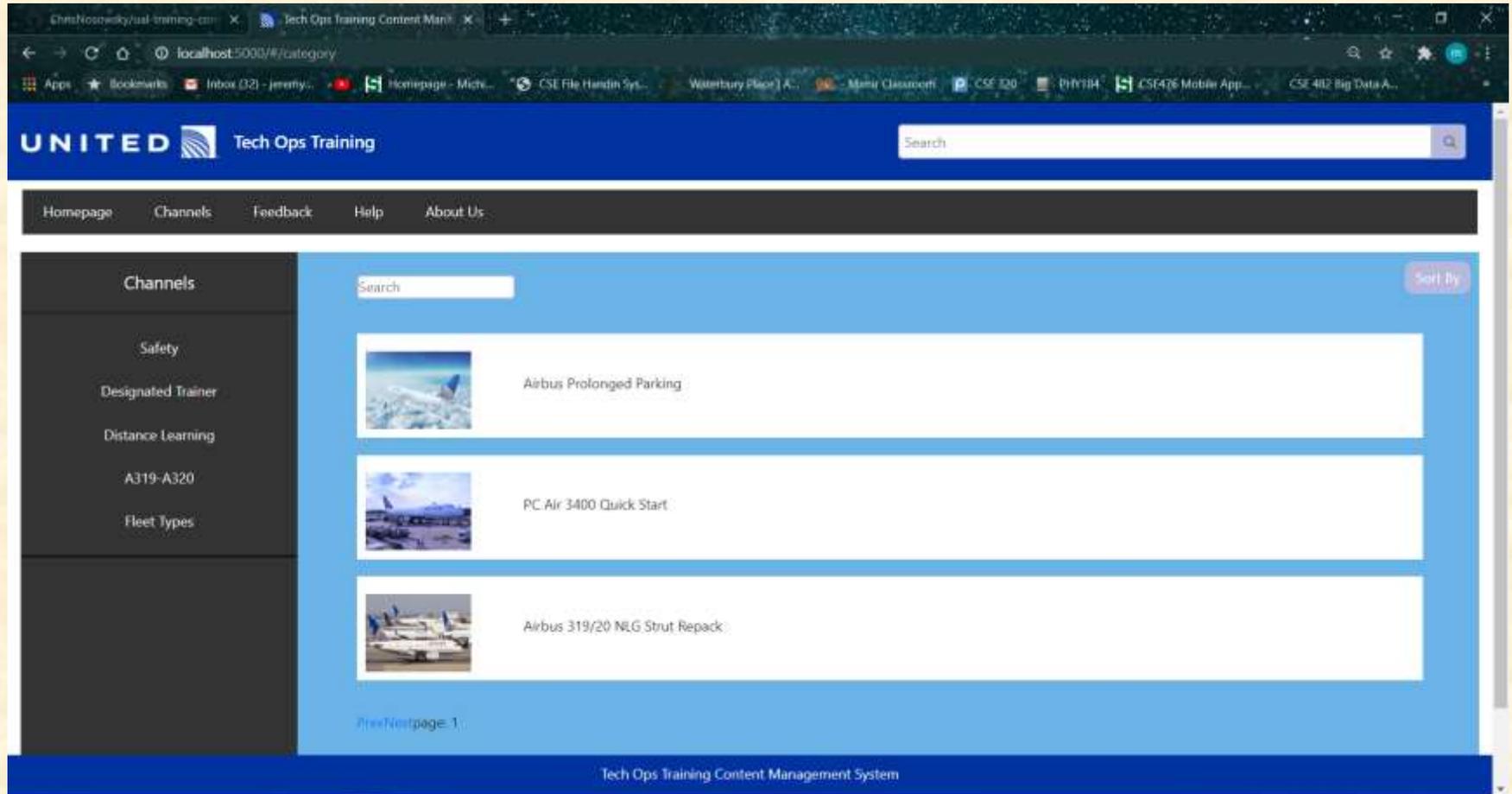
Below the video player, there is a 'Pop out' button and navigation arrows for 'PREV' and 'NEXT'. The right side of the page features a 'Story' section for the video, showing '53001 Views', 'Uploaded Oct 11, 2020', '1744 Likes', and '92 Dislikes'. Below this is a 'Media Description' section with the text 'Site Hawk SK-4500 FDR Analyzer 7003A001-4'. A 'Related Media' section lists three other videos: 'Site Hawk SK 4500 FDR Analyzer - Calibration', 'Site Hawk SK 4500 FDR Analyzer - Story', and 'Airbus 319/20 NLG Strut Repack'. The footer of the page reads 'Tech Ops Training Content Management System'.



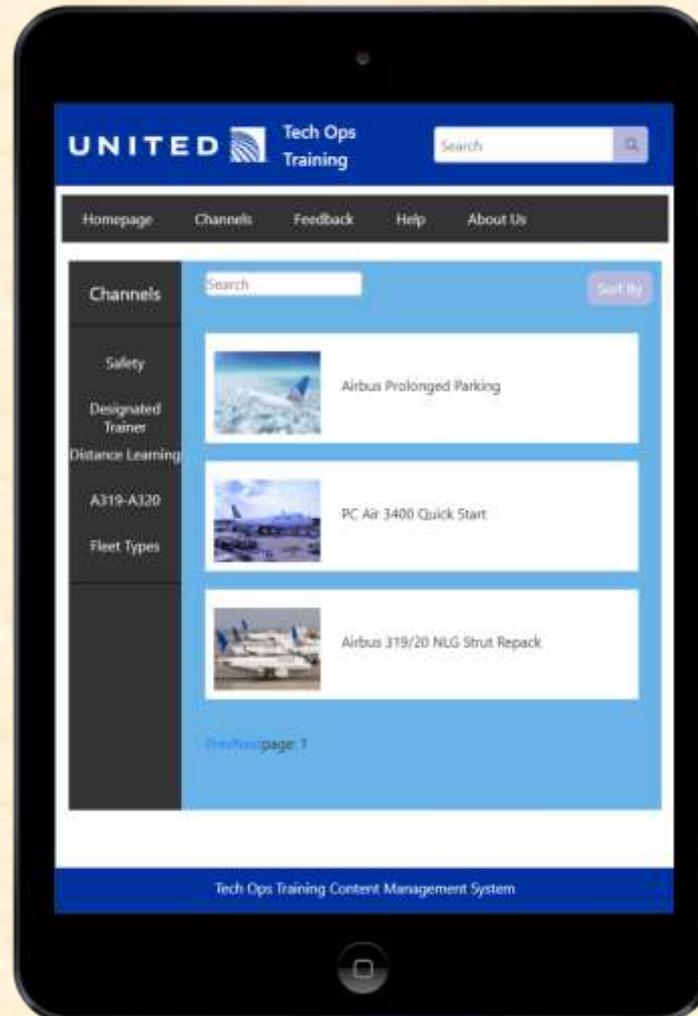
Media Page – Mobile



Channel Page - Desktop View



Channel Page – Mobile View



What's left to do?

- Add support for other media types (Tech Talks and Training Manuals)
- Add Nested Channels
- Improve analytic functions
- Implement administrative capabilities
- Implement user likes and comments
- Add more options for search requests



Questions?

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