Beta Presentation
Automated Process for Airworthiness Release

The Capstone Experience
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Project Overview

• United Airlines needs to store all information for an AWR form in one place
• Our solution is a website that provides automated record checks, progress tracking and notifications, and record updates for technicians and supervisors
• Digital signatures are utilized to authenticate and monitor technician progress
System Architecture
Search Page
Create Form Page

**Step 1 - Application Information:**

- **Name:** Type something...
- **EMP. No.:** Type something...
- **Station:** Type something...
- **A&P No.:** Type something...
- **Rapidirn Certificate (if applicable):** Type something...

**Step 2 - Fleet Type Requested:**

- **Fleet:** Fleet

Create
Progress Page

John Doe AWR Progress

- Step 0: Form Assigned
- Step 1&2: Applicant Information & Fleet Type
- Step 3&4: Applicant Acknowledgements & Airworthiness Release Authority
- Step 5: Supervisor Endorsements
- Certificate Validation

25%
Assign Form Page

Assign AWR Form

Selected Technician: 

Name: Type something...

EMP. No: Type something...

Station: Type something...

Search

Assign

Technician Search

Jane Doe 3u27u24H97 IAH
John Doe LU15U15555 LAS
AL Yankovic PU29U21X49 PHX
Helen Parr TU19U18A89 TPA
What’s left to do?

• Other Tasks
  ▪ Bug Fixes
  ▪ CSS
  ▪ Integration Edits From United
  ▪ Migrate Databases to Server
Questions?