Alpha Presentation
Efficacy Report Generator

The Capstone Experience
Team United Airlines Training

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Project Overview

• Ensure proper training of maintenance personnel
  ▪ Evaluate instructor performance
  ▪ Validate the effectiveness of the course
• Allow software to be adaptable to future courses
• Provide reports in various formats
System Architecture

Resources
- Main Code Base
- Input Data Resources

Applications
- Python Application
- Excel Output Report

Platforms
- TIBCO Spotfire

End User
Main UI

United Airlines
Maintenance Training Course Analyzer

- B737 SAR
  - Generate Instructor Report
  - Generate Full Report

- B787 SAR
  - Generate Instructor Report
  - Generate Full Report
Form Page
Loading Page
What’s left to do?

• Spotfire & Python Integration
• Continuing evaluating course material to test and expand the full course algorithm
• Starting on the algorithm for Instructor reports
Questions?