



Beta Presentation Efficacy Report Generator

The Capstone Experience

Team United Airlines Training

Neha Challa

Rishika Juloori

Varuntej Kodandapuram

James Demetris

Morgan Stanczuk

Samuel Oviasu

Department of Computer Science and Engineering

Michigan State University

Fall 2022



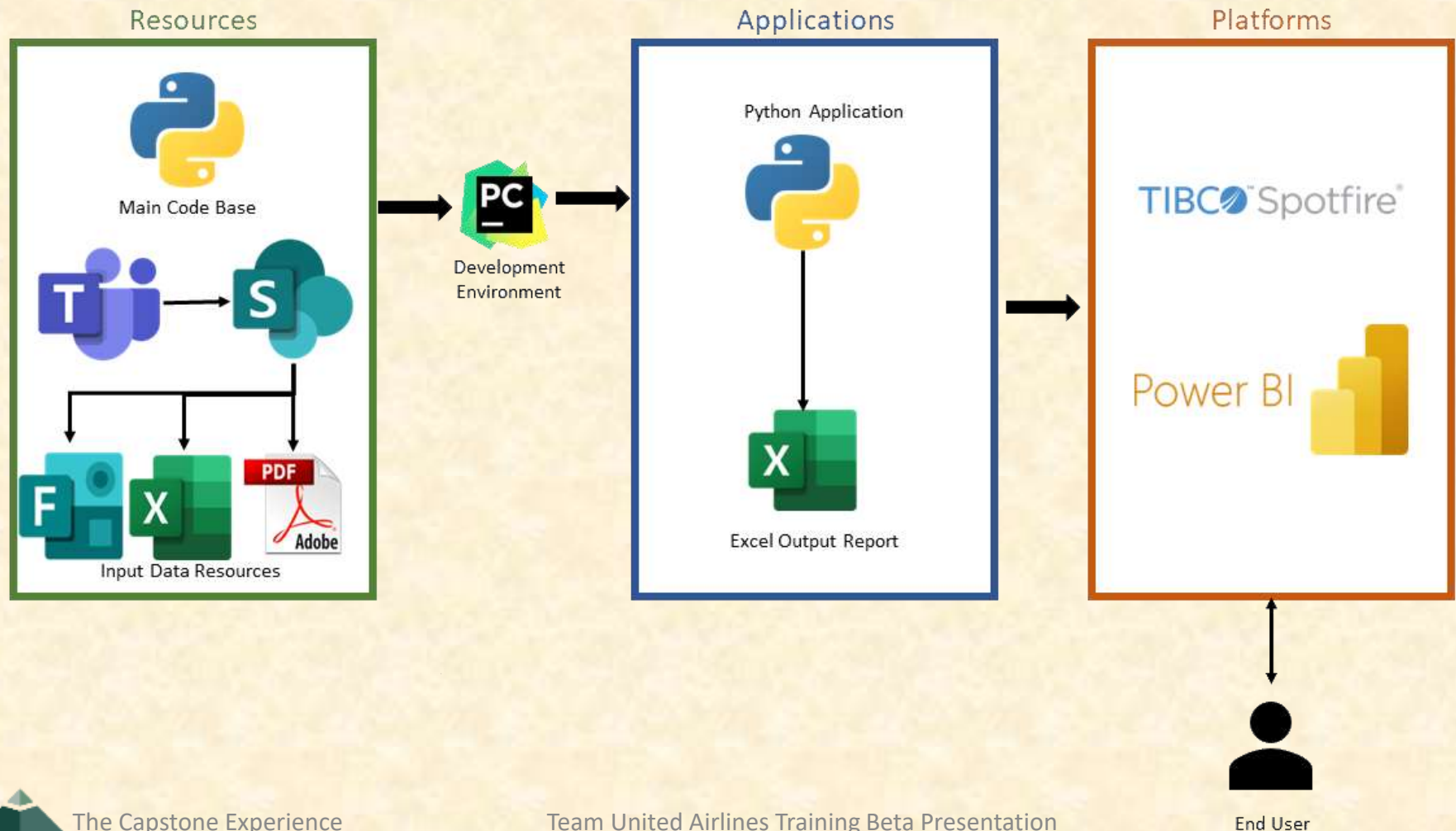
*From Students...
...to Professionals*

Project Overview

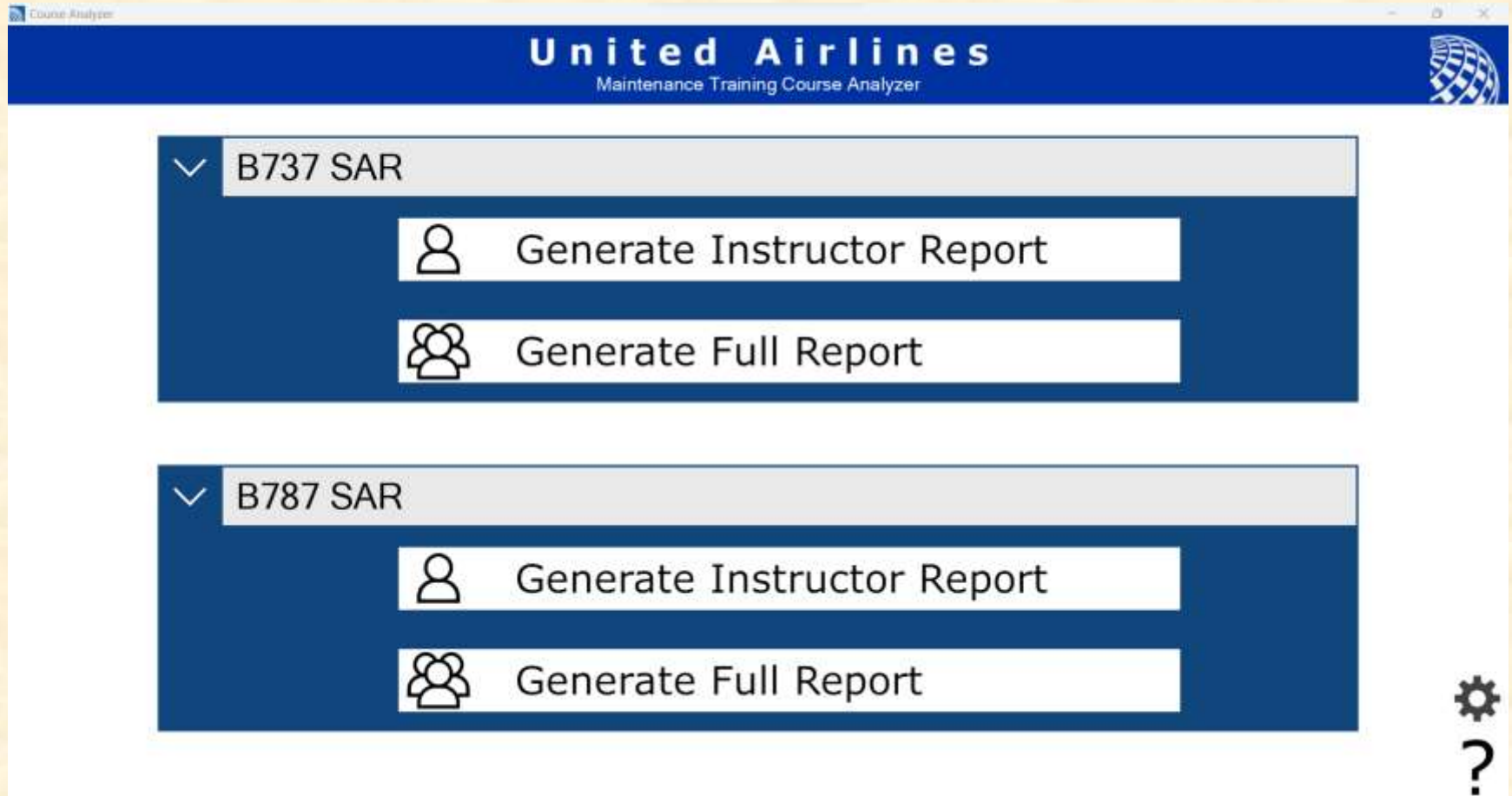
- Ensure proper training of maintenance personnel
 - Evaluate instructor performance
 - Validate the effectiveness of the course
- Allow software to be adaptable to future courses



System Architecture



Main Page



SharePoint Login Screen

Course Analyzer

United Airlines
Maintenance Training Course Analyzer

Instructor Report Options

Username:

Password:

Instructor Name: John Williams ▼

Cancel Use Local Folder Login



Loading Screen



Final Page

Course Analyzer

United Airlines

Maintenance Training Course Analyzer

Report Details

Course: B737 SAR
Time to Generate Report: ~1 Minutes
Date Range Included: All
Instructor(s) Included: All

Your report is ready to download



Full-Report_Friday-November-11-2022_12:49:39

[Save as Excel](#) [Save as Spotfire Data File](#)

[Return to Main Page](#)

[Open Power BI in browser](#)
[View Summary Graph](#)
[Upload to Sharepoint](#)



What's left to do?

- Stretch Goals
 - Add estimated time remaining to generate report
- Other Tasks
 - Improve UI on smaller screens
 - Bug fixes

Questions?

?

?

?

?

?

?

?

?

?

