Beta Presentation
Mobile GSAP and QC Audit Center v2.0

The Capstone Experience
Team United Airlines Airport Operations

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Project Overview

• Build second version of mobile app that allows employees to fill out reports or audits in real time
• Add 3 new forms- two audit forms and one damage form
• Create additional functionality to allow more information to be recorded
• Use and connect to United’s new database
• Redesign user interface for simple submission process
System Architecture

Cloud Platform
- Data Source: Microsoft SQL Server
- REST API: Python, Django

iOS UI: Swift

Android UI: Kotlin

Mobile App: United Airlines

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GSAP Form Process
GSAP Form Fill-out contd
MOCHA Checklist questionnaire
ERS First Report Fill-out

[Images of mobile screens showing ERS application with fields for Aircraft Information and Damage Information]
ERS First Report contd.
What’s left to do?

• Redesign specific pages for GSAP form based on testing feedback
• Photo/Video Saving feature
• Present to Client for feedback
Questions?