MICHIGAN STATE UNIVERSITY **Beta Presentation** Data on Demand App **The Capstone Experience Team United Airlines Airport Operations** Hargun Atwal Joseph Chen Elizabeth DeBack **Emmanuel Marudo** Grace Mora Department of Computer Science and Engineering Michigan State University



From Students... ...to Professionals

Project Overview

- Access to injury, damage incidents was not available in a quick manner
- Users can use available filters to view specific incidents
- Admins are able to add, remove filters
- Incidents are summarized quantitively, with the ability to include more details in a table
- Results can be shared via email

System Architecture



Home



Settings Page

lome	Stats Admin Po	2014		
I	Display Name	nfigur ^{Char} ^{Nar}	nge	1 info
0	Station		0	-
0	Department Code	C	0	-
0	Incident Type	0		-
ø	Інішту Туре	[
Ø	Body Part	(-
0	OSHA vs. Non-OSHA	()	-
0	Department	()	
0	Employee Tenure Longth	Ċ		0
0	Phase	C	-)	œ

Damage Filter Page

iome Stats	Admin Portal
Da	mage Filter
Date Range	
All Time	
Start Date	End Date
Station	
ATL	(x)]
Charged Division	1
Select	
Who is Responsi	ble for the Damage
Select	
Damage Code	
Select	
A4A vs. Non-A4	A
Select	
FOA vs. Non-FOA	A
Select	

Damage Filter Results

9114		all.	₹ I£
98—-38—	# 8297e203283f44.ltv.life		
	ponsible for the Damage	9	
Select			18
Damage Co	ode		
Beit Loade	н		il y
A4A vs. No	n-A4A		
Select			[*
FOA vs. No	n-FOA		
FOA		- 2	i Del
ſ	Filter Damage Filter Resu	lts	
	Damage Filter Resu		
	Damage Filter Resu		

Damage Filter Table

St. 1 S
fur the
-
1
1
1

Damage Filter Bar Chart

al 7 16 # 8297e203283144.hv.lde Who is Responsible for the Damage Select. **Damage Code** Belt Loader **Incidents Per Station** 12 9 6 incidents : 9 CLE DEN GUA IAD LAS MSP incidents Share CLOSE Clear Results

What's left to do?

- Other Tasks
 - Fix columns in filter tables
 - Update UI/UX
 - Alert if user is outside of network
 - Document code

Questions?

