MICHIGAN STATE UNIVERSITY

Beta Presentation Global Business Services Process Intelligence

The Capstone Experience

Team Kellanova

Agust Brandinger Kimberly Jackson Claire LaValley Jingqiao Li Luke Montgomery

Department of Computer Science and Engineering Michigan State University

Fall 2023



From Students... ...to Professionals

Project Overview

- Allows claim processors to submit overage, shortage, and damage (OSD) return forms
- View all submitted claims in an organized table
- Interact with a dashboard to view statistics and visualizations of claim data

System Architecture





Basic Information/Order Selection

OSGD R	equest & Return Authorization
	Basic Information
Date	Email
1/13/2023	
Го	From
	Order Selection
	Bill of Lading/RA #
PO Number	
	\sim
	Customer Information
Customer Name	Product Location



Claims List View



The Capstone Experience

Order Details Table

Number of Cases	Order OSD Claim Type	Pick Up Needed?	Expiration Date/Code	Weight	Pallet
				Weight	Pallet
			Date/Code	(lb)	Count
7		98968.0848.08 - 84602	5,2525,25		
D	estinatior				
		~	Destination Inform	Destination Information Recipient Location	Destination Information Recipient Location



Analytics Dashboard

Approved Status Needs	Sales_Number	Draft Status Assigned Date	1 Needs Approvai PO Number	Denied
1000000	Sales_Number	Status Assigned Date	P0 Number	
Approval		Monday, November 13, 2023	, og talløet	Bill of Lading # 9988972
Completed	11945601	Monday. November 13, 2023	36542352389 384-469	864141952
Completed	11922631	Monday, November 13, 2023	4610153659- 469	861386112
Approved	11922650	Monday, November 13, 2023	00179060661 1-469	860581248
Completed	11922650	Monday, November 13, 2023	00179060661 1-469	860581248
Completed	11922629	Monday, November 13, 2023	4610153657- 469	860578624
Completed	11945605	Monday, November 13, 2023	82456-469	38000864002048
	Completed Approved Completed Completed	Completed 11922631 Approved 11922650 Completed 11922650 Completed 11922629 Completed 11945605	2023Completed11922631Monday, November 13, 2023Approved11922650Monday, November 13, 2023Completed11922650Monday, November 13, 2023Completed11922629Monday, November 13, 2023Completed11945605Monday, November 13, 2023	2023 384-469 Completed 11922631 Monday, November 13, 2023 4610153659-469 Approved 11922650 Monday, November 13, 2023 00179060661 1-469 Completed 11922650 Monday, November 13, 2023 00179060661 1-469 Completed 11922650 Monday, November 13, 2023 00179060661 1-469 Completed 11922629 Monday, November 13, 2023 4610153657-469 Completed 11945605 Monday, November 13, 2023 4610153657-469



What's left to do?

- Stretch Goals
 - Implement multiple selection for downloads
 - Present a quarterly report of the analytics
 - More filtering for the claims list
- Other Tasks
 - Fix some minor connection issues
 - Fully finish implementation for multiple case codes

Questions?

