# **DrayEasy Mobile App**

## **Order Feature Set**







 DrayEasy

 DrayEasy

 Description

 Port of Charge
 Shuttle Drayage
 Intermodal
 Last-Mile Drayage
 Destination

#### Intro

DrayEasy combines real-time quotes, top-tier drayage services, shipment tracking, and seamless API integration, all in one efficient platform.

#### Scope

Our project is dedicated to developing the DrayEasy mobile app from the ground up, focusing on key features like the order list, draft order, notification, and message system.

## Team 01

Sophia Yihao Shi Hanyong Yang Clark Huang Jialiang Ye Kathy She

## Timeline

Sept 2023 - Nov 2023

## **Features**



**Order List** Enables users to swiftly ascertain an order's release status at a glance through color-highlighted indicators. eles/Long Beach · CA - AZ 000 Offers efficient and detailed filtering and sorting capabilities, aiding users in quickly locating specific orders. Minneapolis/St. Paul - MN Pickup: Dec 10, 2023 On Hold OSt. Louis Park - MN 0 0/3 Nov 08, 2 Los Angeles/Long Beach - CA All Released San Francisco - CA (P) @ 50.1 Oct 10.2 Dallas/Fort Worth, TX Pickup: Oct 15, 2023 All Released Grand Prairie, TX Return: Oct 18, 2023 0 52/5 Q 2 Q Order Card Swipe Left all 🕈 | Draft Order 1.1 Draft Order Displays the status of draft orders \$ 780.00 Expired by May 01, 20 (Editable, Expiring Soon, Expired). Los Angeles/Long Beach - CA May 23, 202 Minneapolis/St. Paul - MN 12 x 6 Provides a detailed view of each Expired by May 23, 2023 draft order. ong Beach - CA May 14, 2023 lis/St. Paul - MN 3 x 10 Offers a comprehensive breakdown \$ 780.00 Los Angeles/Long Beach - CA May 17, 2023 of charges associated with each Minneapolis/St. Paul - MN draft order. 5 × 6 780.00 ۵ 10 Draft Order Card Swipe Left **Notification 1.2** MATERIALS NEEDED MBL #181371653 MATERIALS NEEDED notifications: INVOICE UPDATE INVOICE UPDA 1. Linked to App internal page with quotes in progress (represented FORM INCOMPLE by 1)



Hold Orders



arch

Filter by

P UNREAD

Search & Filter

## Delete Draft Order

## CUSTOMIZED MATERIAL UPLOAD NEEDED CUSTOMIZED MATERIAL URLOAD NEEDED Please upload CLEARANCE DOCUMENT

On the Notification Screen, Unread notifications are shown with blue dots and unread notifications are shown with bold fonts. Users can flag important information, and swipe up for deleting notifications.

**Notification 1.1** 

In Search & Filter feature, users can search by keywords or filter by "Flagged" and "Unread" category.

Push bars show highlighted informations of new notifications

Notifications are kept at the users' end for 3 months.

Notification List

12 2 0

Search & Filte

INFINISHED QUOTES

Notification Push Bar

## **Quick Action**

With a simple left swipe on the order list, users can instantly access the 'hold' action button to pause deliveries, eliminating the need to delve into further details.

## Draft Order 1.2

On the 'Draft Orders' screen, find the draft order you wish to delete and swipe left on the order card to reveal the 'Delete' button.

Tap the red 'Delete' button that appears on the right side of the order card.

A confirmation pop-up will appear asking if you're sure you want to delete the draft order. It will warn you that this action is permanent.

Tap 'Confirm' to permanently delete the draft order from your list or 'Cancel' if you've changed your mind or tapped 'Delete' accidentally.

#### 90. 25 x 1 150 50/DAY x 2 25 x

150 x

4

Price

\$50/DAY x 4

\$2490

Notification Details Pages There are three forms of

- 2. Linked to App internal page with incomplete quotes (represented by 2)
- 3. No links / linked to outside platforms (represented by 3)

Notification content includes the following:

Upload custom materials

Invoice Update

Delay due to weather condition

Please submit pick-up number Request rate is ready

Unfinished quotes expiration date

1. Delay due to weather condition

3. Complete unfinished guotes

## **Research, Ideation & Iteration**

James Age: 32 Nationality: China Job: Manager Location: Shanghai, China

He prioritizes efficient communication and real-time updates or

c Reliance on email can I

Manual Tracking with Drivers: Depending on individual drivers for real-time updates can result in inconsistencies or inaccuracies in tracking. Payment Computaties: The push for streamined payments inits at past challenges with transaction delays or complications. Location Search Limitations: Difficult in oncontinua location-specific order

pdates: Needing constant, proactive notification riods of uncertainty or having to pursue informa

BIO

GOALS

promptly.
PAIN POINTS

Email De

Chasing Proactive Up

alls for an enhanced search syste

### **Competitive Analysis**



#### Logic

The project was developed for actual implementation

Describe the Cargo - Pickup Up Information & Drop Off Information - Select Truck -Select Time - Pay

#### Interaction

Avoid swiping back and forth too many times

#### **Details Highlight**

Price Range comparing to competitors Iconfied tabs

## User Journey Map



pportunities	<ul> <li>Max. order# on a single mobile page</li> </ul>		<ul> <li>Tracking system with essential info</li> </ul>	<ul> <li>Internal messaging system</li> </ul>	GPS tracking systems	<ul> <li>Clear &amp; citie payment system</li> </ul>
	<ul> <li>how to differentiate intensive information</li> </ul>		Order status sorting	<ul> <li>Customer support access</li> </ul>	<ul> <li>Delivery receipt (PCD)</li> </ul>	Instruction to variable and the settions of needed     Instruction to variable and the settions of the settions of the settion of the se
	<ul> <li>icort/hierarchy</li> </ul>		<ul> <li>Color differentiation of unexpected/uncommon</li> </ul>		<ul> <li>mobile app has no booking and any document</li> </ul>	<ul> <li>instruction to very payment postions if needed</li> </ul>
	<ul> <li>Order placement hierarchy</li> </ul>		conditions, add link to suggested instructions		transition, so focus on information checking.	ent sver
	<ul> <li>on-hold</li> </ul>		<ul> <li>Notification system</li> </ul>		<ul> <li>Feedback system</li> </ul>	olom
	<ul> <li>in-transit</li> </ul>		<ul> <li>in-app notification</li> </ul>		Client communication	
	delivered     order history? (fully release, then?)     Streamline typing experience of MBL# and/or Container#		<ul> <li>push notification</li> </ul>		<ul> <li>Historical route data, past/same route data</li> </ul>	··
			<ul> <li>Adjustments for Transportation and Freight</li> </ul>		comparison/analysis	
			Modifications			
			<ul> <li>before and after status changes</li> </ul>			
	Order search features - order status? IR/zone? date?		<ul> <li>Show up-to-date estimation</li> </ul>			
	Order confirmation		<ul> <li>anticipating potential delays or issues</li> </ul>			

### **Updated User Flow**



#### Persona

