



Web & Mobile Application

Redesign UX/UI

Noorul Ameen

Jul 2020



Drone Surveillance of Warehouses



Camera 1



+

Camera 2



+

Camera 3



+

Camera 4

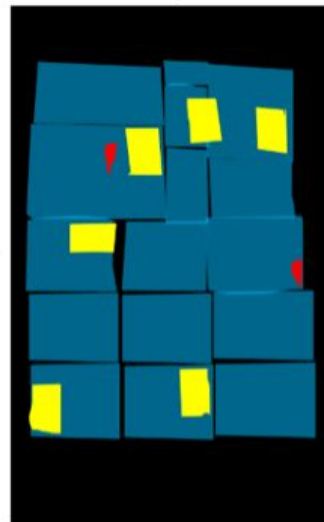


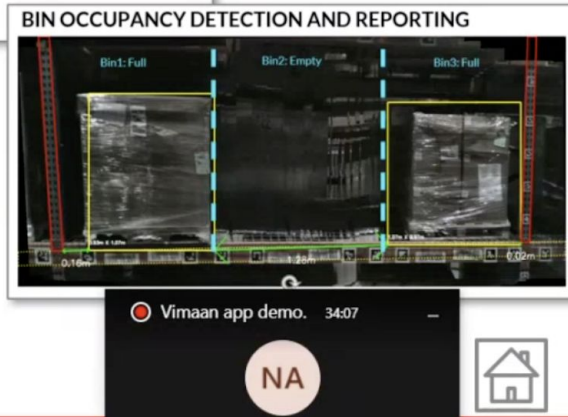
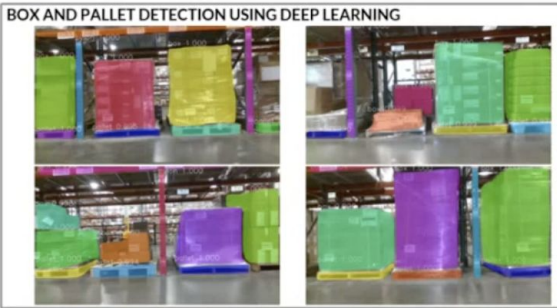
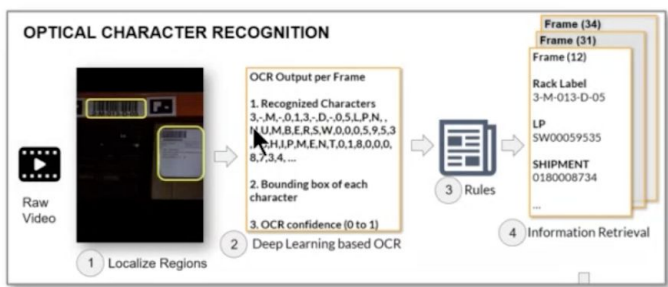
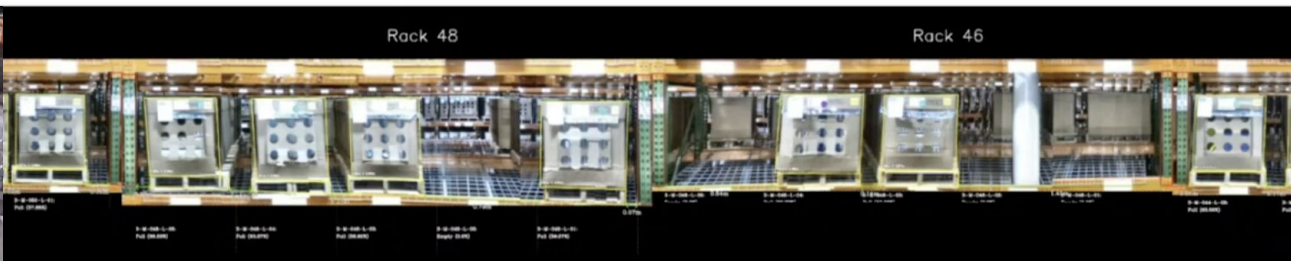
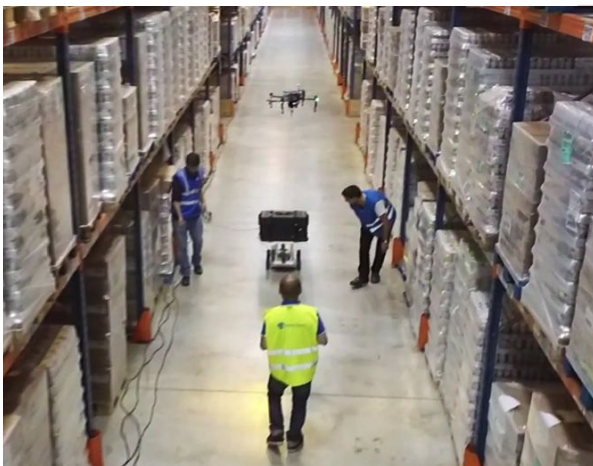
Inter-camera Stitched Image



+

Stitched Object Masks



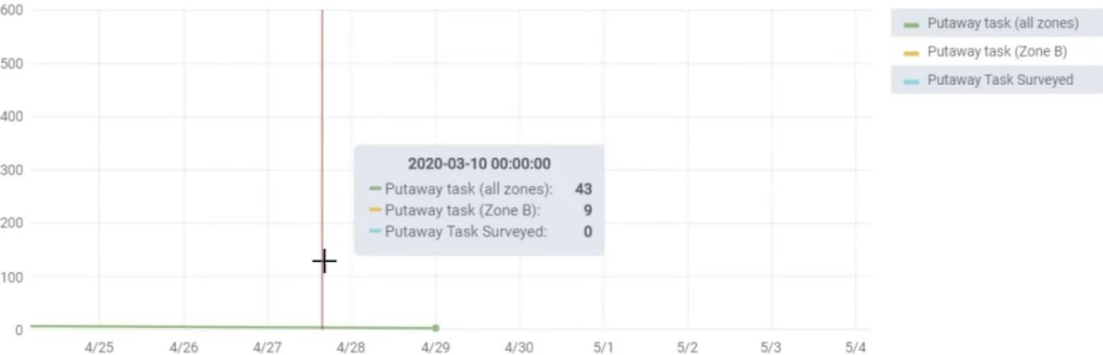


Existing UI

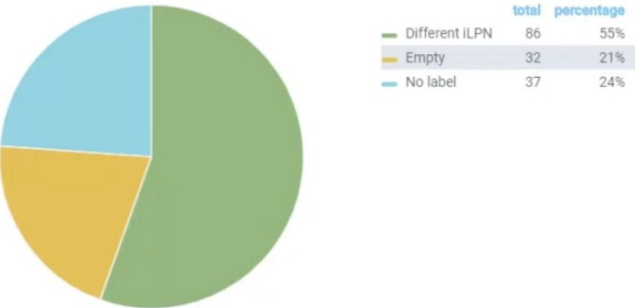


Vimaan Dashboard

Putaway Performance



Variances Categories



Putaway Summary

Date ▼	Putaway task (all zones)	Putaway task (Zone B)	Putaway Task Surveyed	Different ILPN	Empty	No label	Total
2020-02-27	367	39	0	0	0	0	0
2020-02-26	228	78	0	0	0	0	0
2020-02-17	536	132	0	0	0	0	0
2020-02-12	69	129	0	0	0	0	0
2020-02-11	416	108	0	0	0	0	0
2020-01-27	114	23	0	0	0	0	0
2020-01-18	150	100	90	5	2	1	8
2020-01-16	50	40	30	3	4	1	8



Vimaan Dashboard

From date
12/1/2019

TO date
5/5/2020

Location
iLPN

Location Search

Flight Date and Time ▾

Location

LPN

2020-02-27 00:00:00	<u>3-M-013-F-10</u>	-
2020-02-27 00:00:00	<u>3-M-013-F-06</u>	-
2020-02-27 00:00:00	<u>3-M-013-F-02</u>	-
2020-02-27 00:00:00	<u>3-M-013-F-01</u>	-
2020-02-27 00:00:00	<u>3-M-009-F-10</u>	-
2020-02-27 00:00:00	<u>3-M-009-F-09</u>	SW00009679
2020-02-27 00:00:00	<u>3-M-009-F-06</u>	-
2020-02-27 00:00:00	<u>3-M-007-F-09</u>	-
2020-02-27 00:00:00	<u>3-M-013-F-04</u>	-
2020-02-27 00:00:00	<u>3-M-011-F-10</u>	-
2020-02-27 00:00:00	<u>3-M-011-F-08</u>	-
2020-02-27 00:00:00	<u>3-M-011-F-02</u>	-
2020-02-27 00:00:00	<u>3-M-011-F-01</u>	-
2020-02-27 00:00:00	<u>3-M-009-F-06</u>	SW00009679

1 2 3 4 5 6 7 8 9

|< First

< Previous

Next >

Last >|

**no image
available**



Wireframes



📍 California ▾

Tasks



Putaway

Last run: 33 mins ago



Cycle Count

Last run: 20 mins ago



Bin Audit

Last run: 1 hr ago



Origin of Tasks

Last run: 47 mins ago

Reports



Location
Reconciliation



Putaway
Reconciliation



Cycle
Count Status

Search



To show the list,
please select a option from the left panel

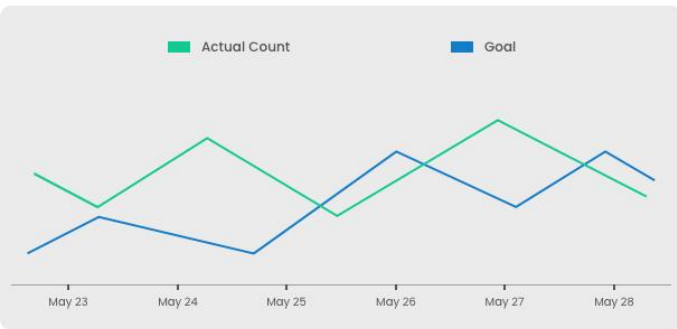


	Weekly	Monthly	Quarterly		
	Actual Count	QIC Team	%		
	862	1,053	105	May 27, 2020	>
	863	1,335	122	May 27, 2020	>
	864	1,259	114	May 27, 2020	>
	865	1,335	105	May 27, 2020	>
	866	1,053	122	May 27, 2020	>
Total	866	1,053	122		

Filter Search Download



Yesterday
1,107



←

📍

California

▼

Bin Audit

Empty	Disabled	Undefined	Full
Location	WMS Location Type		
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >
3-R-038-E07	<div></div>		May 27, 2020 >

☐ Filter

☐ Search

☐ Download

To show the list,
please select a option from the left panel

←

📍

California

▼

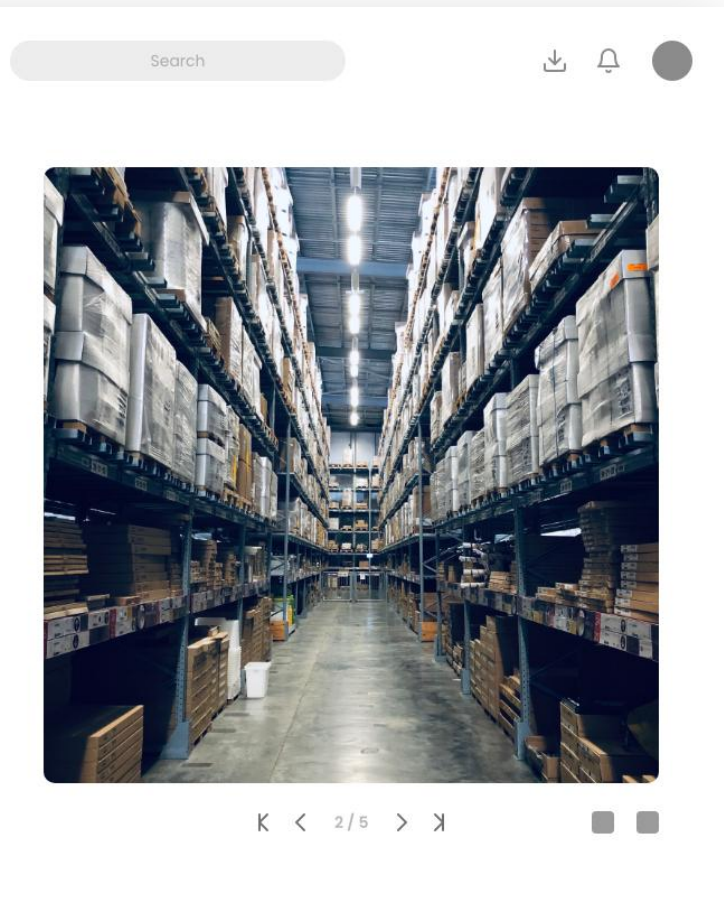
Bin Audit

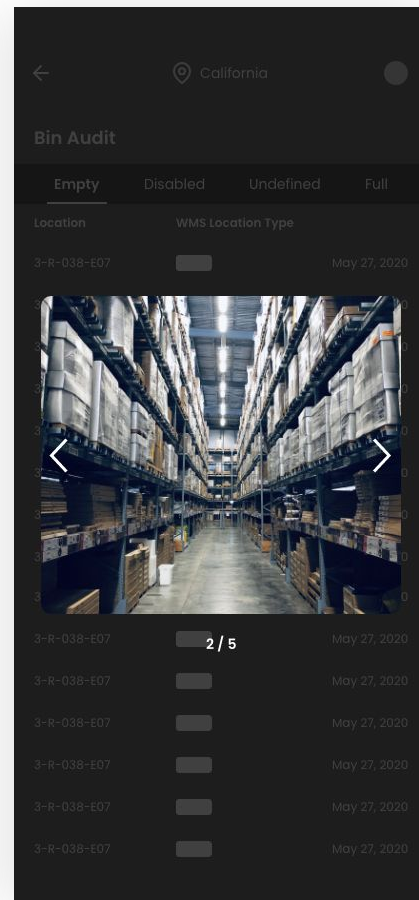
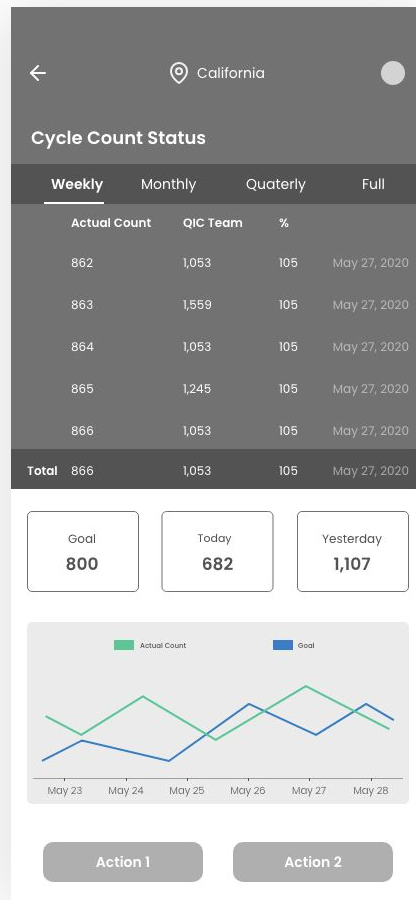
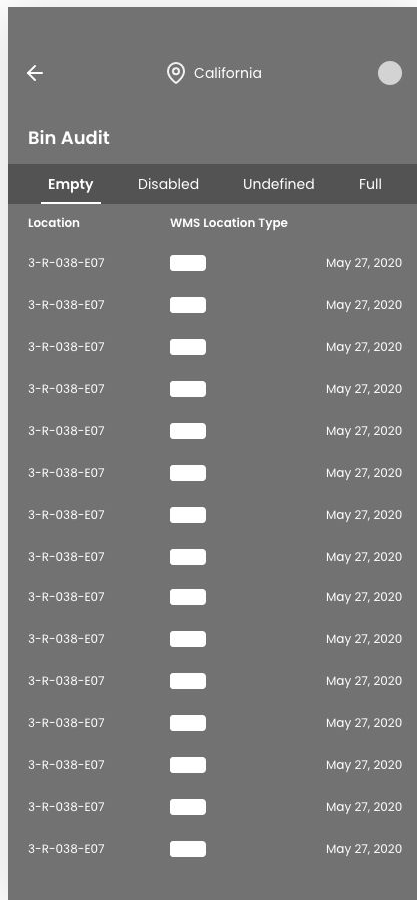
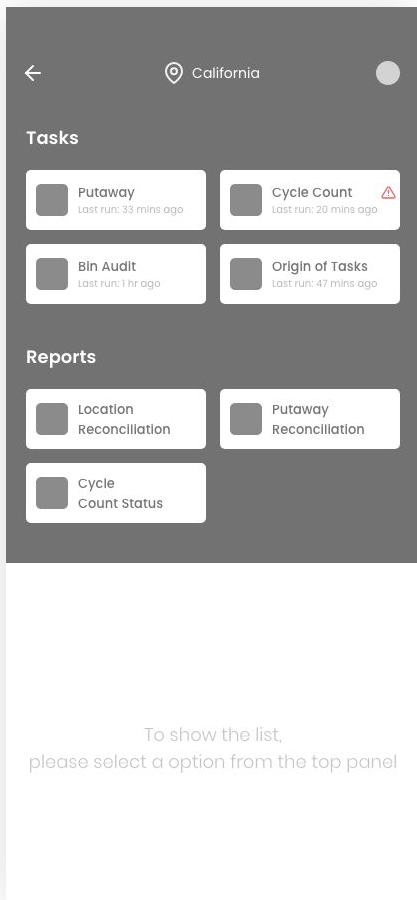
Empty	Disabled	Undefined	Full
Location	WMS Location Type		
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >
3-R-038-E07	<input type="checkbox"/>		May 27, 2020 >

☐ Filter

☐ Search

☐ Download





Desktop User Experience

Dashboard

Put-Away

126/300



Empty Bin

215/300



Cycle Count

126/300

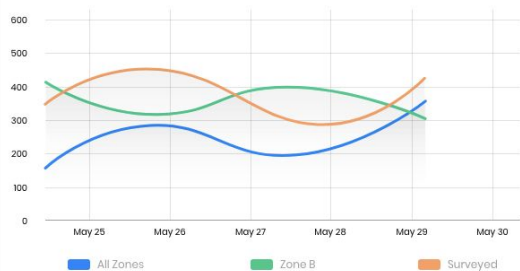


Application

126/300

Putaway Performance

May 25 - 30



Variance Categories



Different iLPN
Empty
No Label

Putaway Summary

May 2020



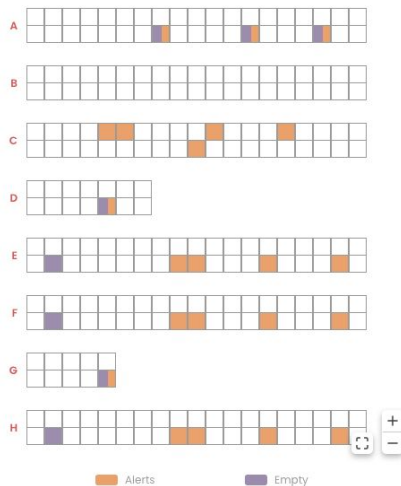
Home

Floor Map

Zone A ▾

Putaway ▾

Time	Location	ILPN	Alert
06:15 PM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Empty
11:30 AM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Alerts
11:30 AM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Alerts
11:30 AM	3-M-013-F-10	AFS34764	Empty
11:30 AM	3-M-013-F-10	AFS34764	Empty
03:30 PM	3-M-013-F-10	WID65738	Alerts
11:30 AM	3-M-013-F-10	AFS34764	Empty
03:30 PM	3-M-013-F-10	WID65738	Empty
11:30 AM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Alerts



Floor Map

Zone A ▾

Putaway

Time	Location	ILPN	Alert
06:15 PM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Empty
11:30 AM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Alerts
11:30 AM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Alerts
11:30 AM	3-M-013-F-10	AFS34764	Empty
11:30 AM	3-M-013-F-10	AFS34764	Empty
03:30 PM	3-M-013-F-10	WID65738	Alerts
11:30 AM	3-M-013-F-10	AFS34764	Empty
03:30 PM	3-M-013-F-10	WID65738	Empty
11:30 AM	3-M-013-F-10	AFS34764	Alerts
03:30 PM	3-M-013-F-10	WID65738	Alerts

←

A13

A13 - 8

A13 - 7

Details go here

[View image](#)

A13 - 6

A13 - 5

Details go here

[View image](#)

A13 - 4

A13 - 3

A13 - 2

A13 - 1

Alerts

☐ Empty



QC Gate

Shipment No, Pallet No, etc.,

● Shipment

● Pallet

● Alerts

Sort by ▾

Filter

Shipment Due

< July 2020 >						
S	M	T	W	T	F	S
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

Alert Type

- ☐ Inbound (18)
- ☐ Outbound (32)

Status

- ☐ Delayed (18)
- ☐ On-Time (17)

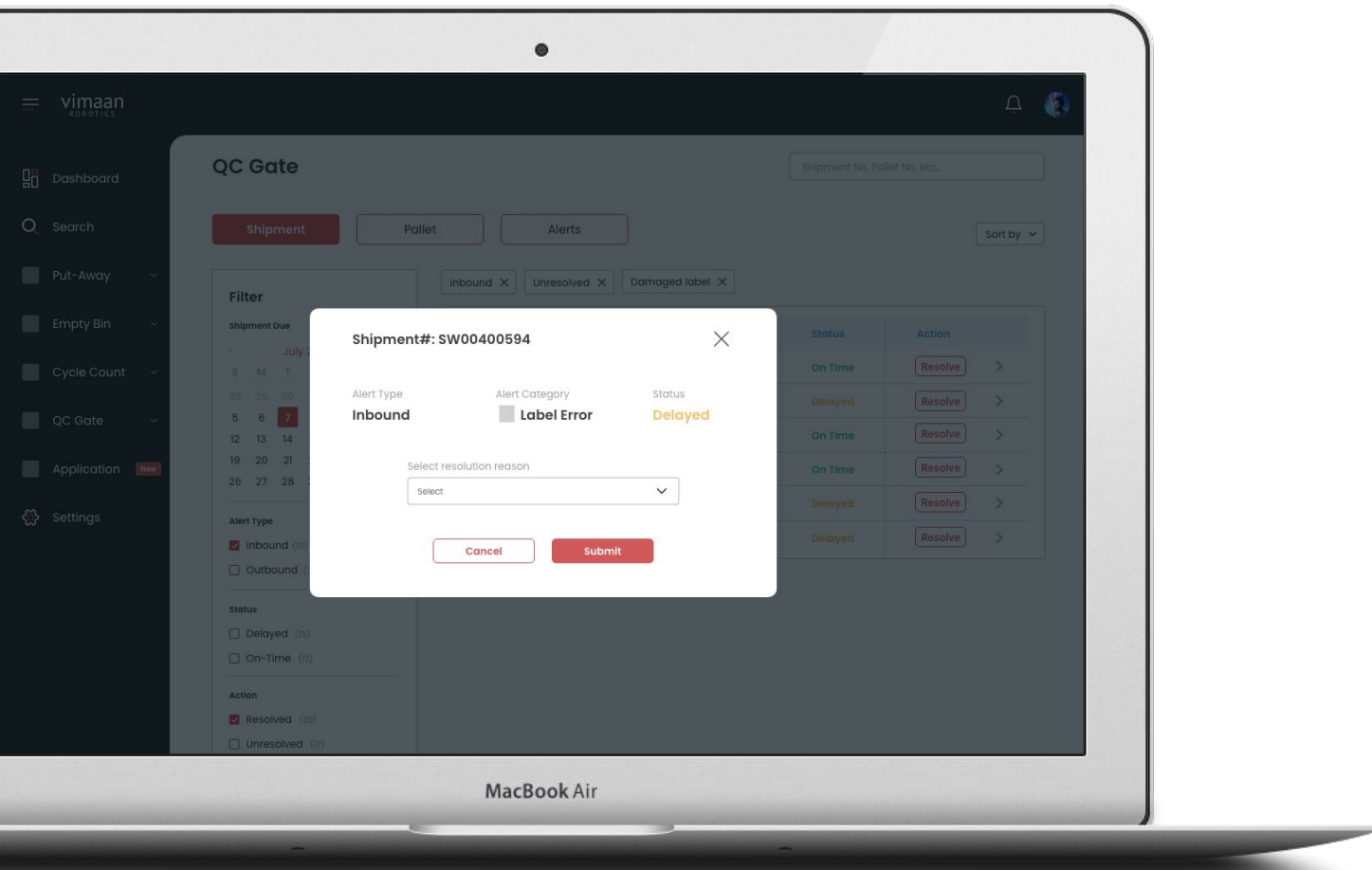
Action

- ☐ Resolved (20)
- ☐ Unresolved (17)

Shipment No.	Alert Type	Alerts Category	Status	Action
SW00400594	Inbound	Label error	On Time	
SW00400594	Outbound	Label error	Delayed	Resolve
SW00077564	Inbound	<Alert>	On Time	
SW00071204	Inbound	Label error	On Time	
SW00077564	Inbound	Label error	Delayed	Resolve
SW00400594	Outbound	<Alert>	Delayed	Resolve
SW00071204	Outbound	<Alert>	On Time	
SW00077564	Inbound	<Alert>	Delayed	Resolve
SW00071204	Outbound	<Alert>	On Time	
SW00400594	Inbound	<Alert>	On Time	
SW00077564	Inbound	<Alert>	On Time	
SW00400594	Outbound	<Alert>	Delayed	Resolve
SW00071204	Outbound	<Alert>	On Time	

Go to pallet view

MacBook Air



← QC Gate

Pallet #
124567345Shipment number
SW00400594Arrival / departure time
12:00pmNumber of cases
30Expected dimensions
36 x 48 x 60 inchNumber of alerts
5

Types of alert



Alert types

1. Volume Error 10 mins ago

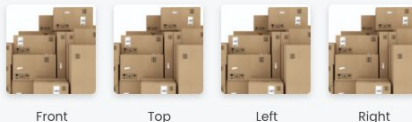
Expected
36 x 48 x 60 inchScanned
30 x 48 x 54 inch

Resolve

2. Label Error 17 mins ago

Expected
GFH758HG46Scanned
ERH765SG46

Resolve

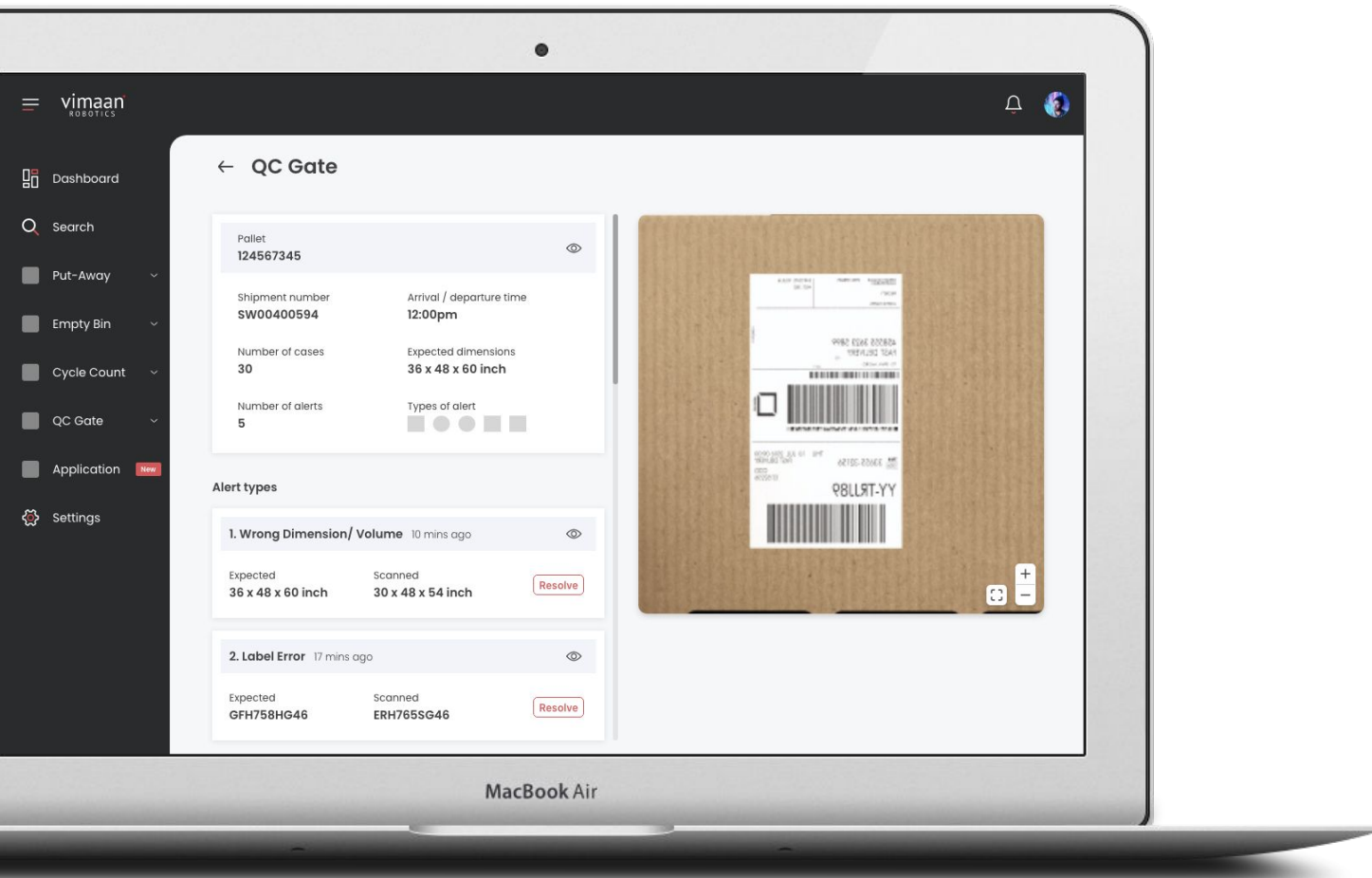


Front

Top

Left

Right



Put-Away Discrepancy Report

Profile

Plan

 Start Date

Start Date

End Date

End Date

Location

3-M-013-F-10

ILPN

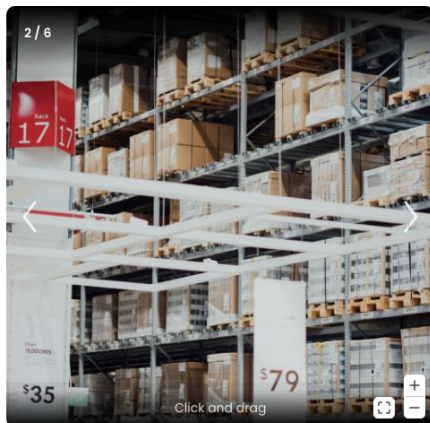
ILPN

Today

May 25 ▾

Normal Image ▾

Time	Location	ILPN	Type	%
06:15 PM	3-M-013-F-10	AFS34764	Empty	0
03:30 PM	3-M-013-F-10	WID65738	Empty	0
11:30 AM	3-M-013-F-10	AFS34764	Box	72.65
03:30 PM	3-M-013-F-10	WID65738	Empty	0
11:30 AM	3-M-013-F-10	AFS34764	Empty	0
03:30 PM	3-M-013-F-10	WID65738	Box	53.72
11:30 AM	3-M-013-F-10	AFS34764	Empty	0
11:30 AM	3-M-013-F-10	AFS34764	Empty	0
03:30 PM	3-M-013-F-10	WID65738	Empty	0
11:30 AM	3-M-013-F-10	AFS34764	Box	72.65



MacBook Air



Dashboard



Search



Put-Away



Empty Bin



Cycle Count



Application

NEW



Settings

Search

Start Date
2020-05-25End Date
2020-05-27

Location

ILPN

Group by

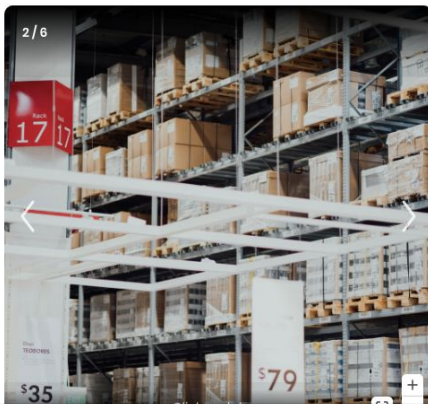
Save Search

May 25, 2020

Time	Location	ILPN	
06:15 PM	3-M-013-F-10	AFS34764	>
03:30 PM	3-M-013-F-10	WID65738	>
11:30 AM	3-M-013-F-10	AFS34764	>
03:30 PM	3-M-013-F-10	WID65738	>
11:30 AM	3-M-013-F-10	AFS34764	>
03:30 PM	3-M-013-F-10	WID65738	>
11:30 AM	3-M-013-F-10	AFS34764	>

May 26, 2020

Time	Location	ILPN	
11:30 AM	3-M-013-F-10	AFS34764	>



MacBook Air

Tablet User Experience

List

4/12

Scan Again

Approve All

Item Name

Scanned Item Name

Status

Actions



S. No.	Item Name	Qty	Scanned Item Name	Scanned Qty.	Status	Actions
1	1046A	2	1046A	1	Under Quantity	Resolve >
2	10SDNF45	2		0	Item Missing	Resolve >
3	1046B	2	1046B	3	Over Quantity	Resolve >
4		0	10SDNF47	1	Wrong Item	Remove >
5	10BFGQN	1	17SADFS	1	OK	>
6	10HF345	2	10JSJ56	2	OK	>
7	10GHD67	3	104TDY56	3	OK	>



← oLPN List

Task ID

1176725

4/12

Scan Again

Approve All

Item Name

Scanned Item Name

Status

Actions



S. No.	Item Name	Qty	Scanned Item Name	Scanned Qty.	Status	Actions
1	1046A	2	1046A	1	Under Quantity	Resolve >
2	10SDNF45	2		0	Item Missing	Resolve >
3	1046B	2	1046B	3	Over Quantity	Resolve >
4		0	10SDNF47	1	Wrong Item	Remove >
5	10BFGQN	1	17SADFS	1	OK	>
6	10HF345	2	10JSJ56	2	OK	>
7	10GHD67	3	104TDY56	3	OK	>



← oLPN List

Task ID

1176725

4/12

Scan Again

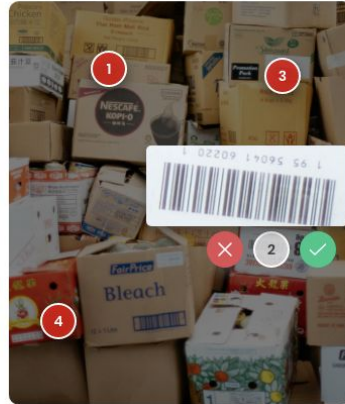
Approve All

Item Name

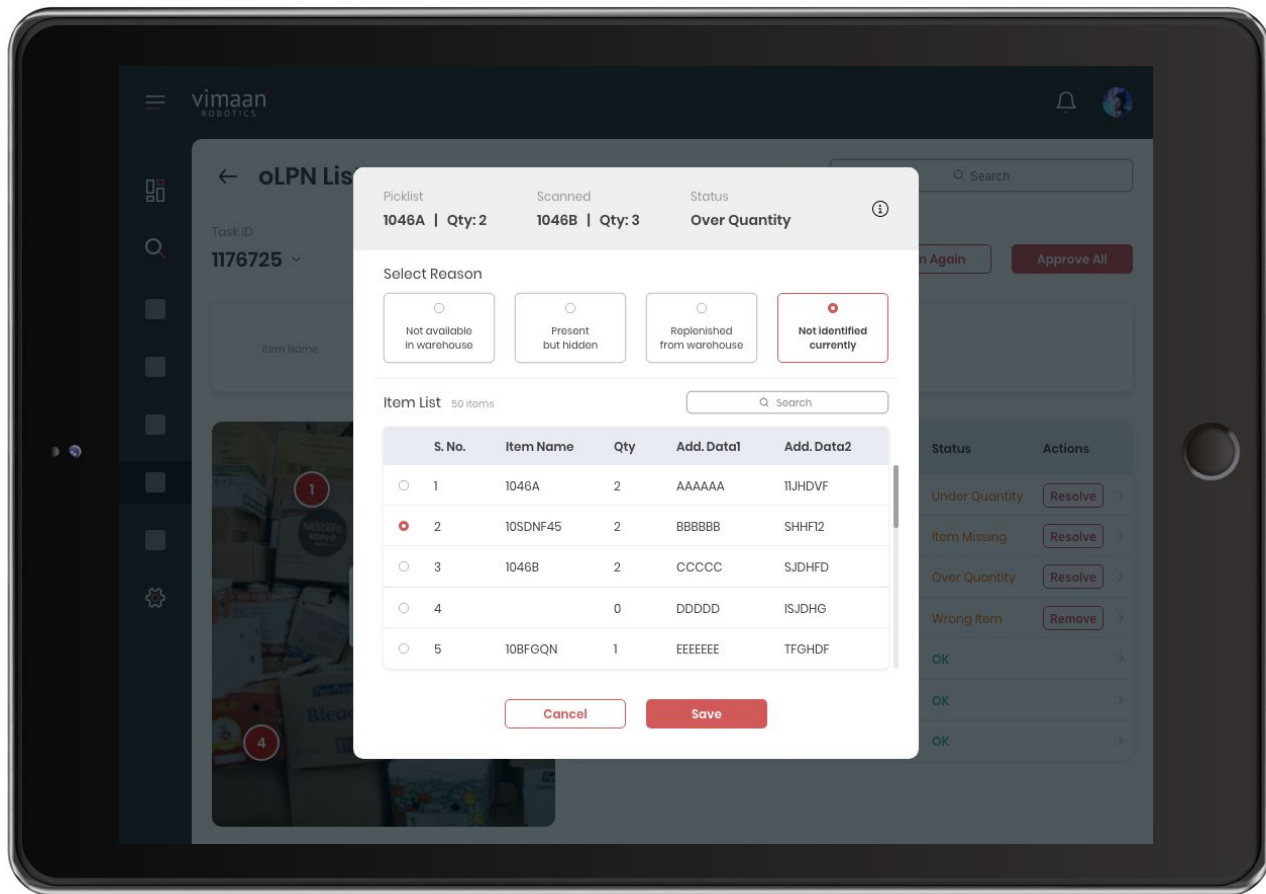
Scanned Item Name

Status

Actions



S. No.	Item Name	Qty	Scanned Item Name	Scanned Qty.	Status	Actions
1	1046A	2	1046A	1	Under Quantity	Resolve >
2	10SDNF45	2		0	Item Missing	Resolve >
3	1046B	2	1046B	3	Over Quantity	Resolve >
4		0	10SDNF47	1	Wrong Item	Remove >
5	10BFGQN	1	17SADFS	1	OK	>
6	10HF345	2	10JSJ56	2	OK	>
7	10GHD67	3	104TDY56	3	OK	>



Thank you

vimaan[®]
ROBOTICS

