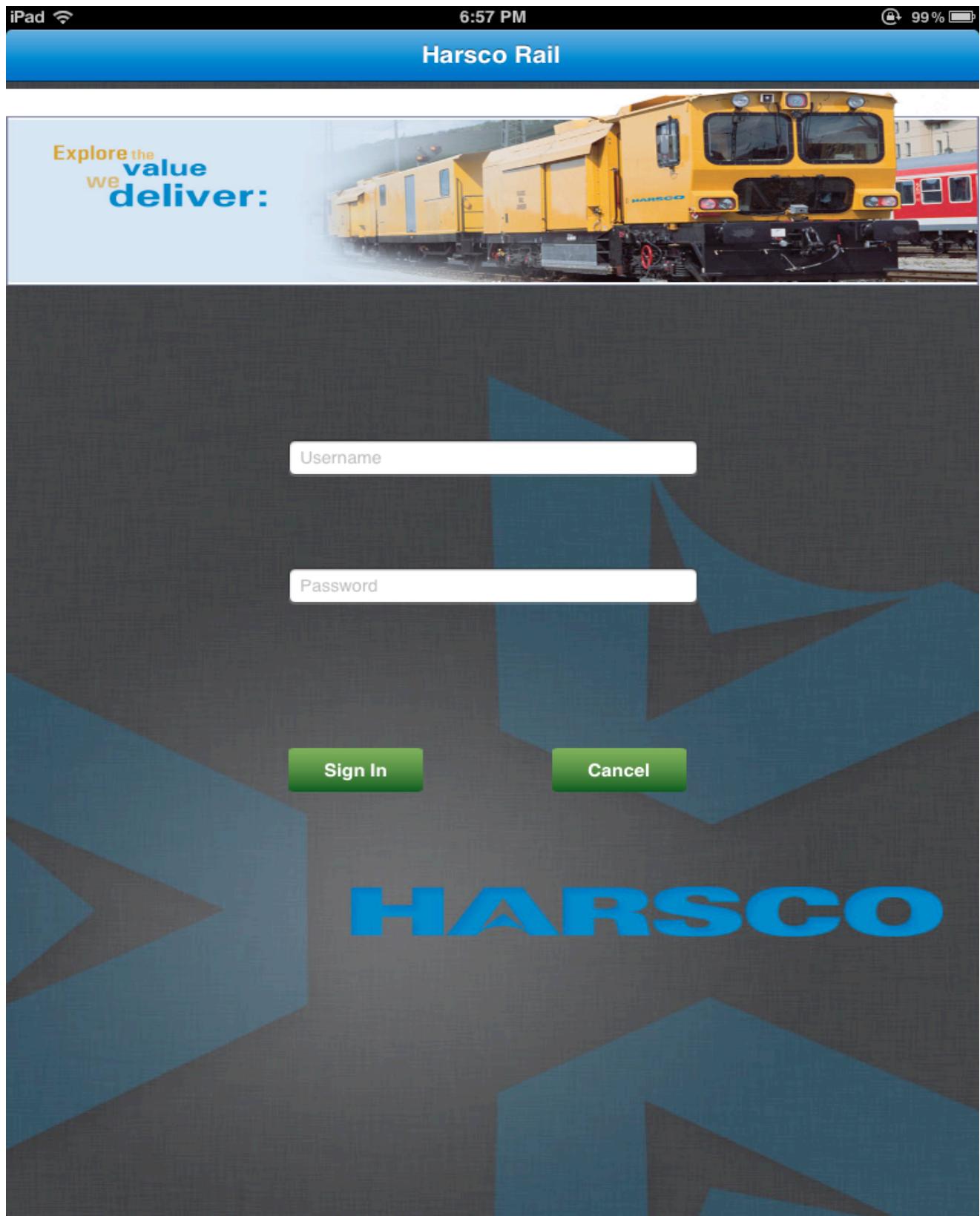


Login Details

1. The first screen that appears as soon as the user launches the app:



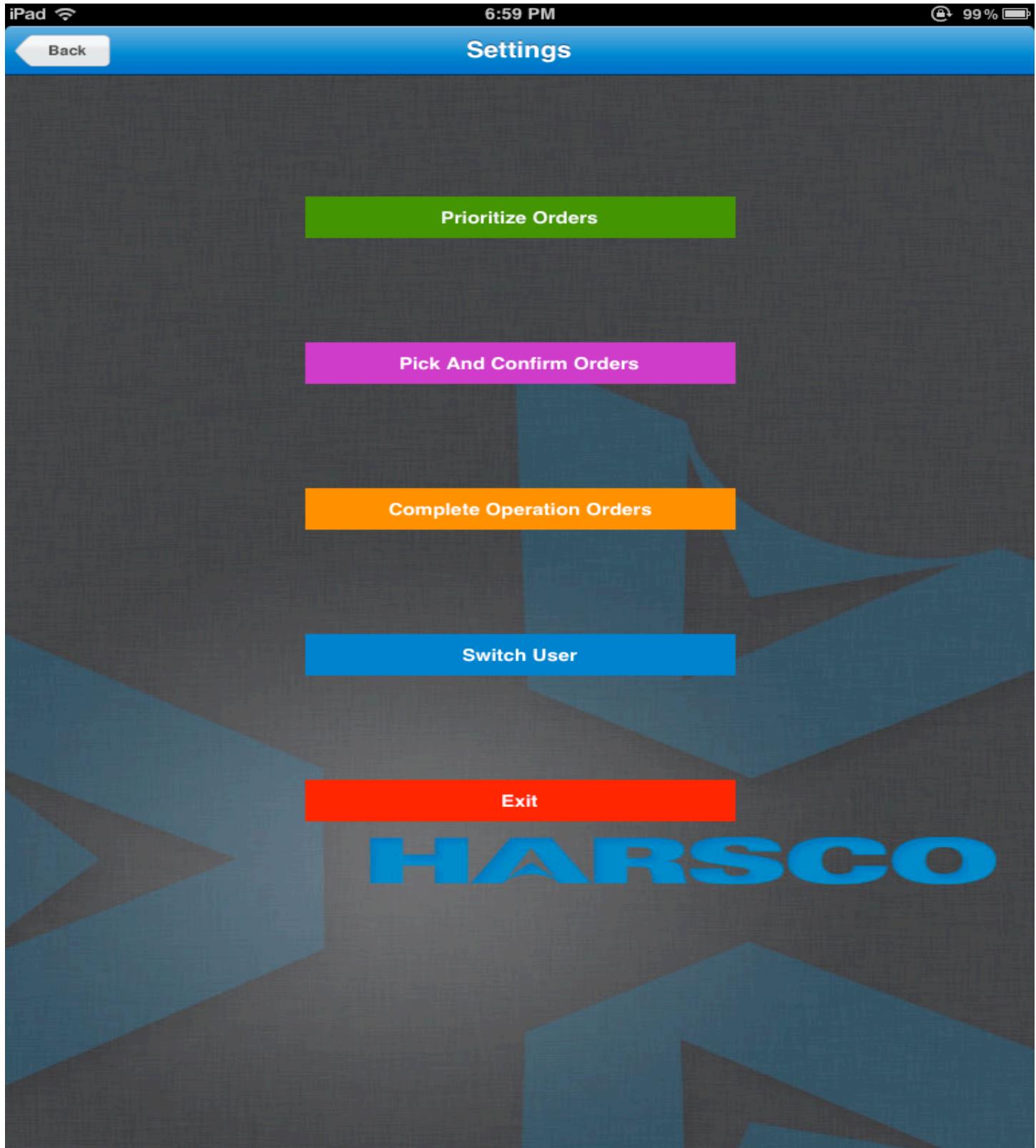
2. User should make sure the iPad is connected to Harsco network and then enter the appropriate credentials and sign in.

3. According to the credentials entered app would decide the role of the user i.e. SuperUser/Planner/MaterialHandler/Cellworker and presents a relevant screen to the user.

4. The flow of each user is explained in detail in the next sections of the document.

Settings

1. There is a settings icon at the top right hand corner on every screen .Below is the screenshot:



2. User can logout and login with different credentials if they wish to, using the switch user button and also can exit the app using exit button.

3. Super User can view/modify flows of all the roles like Planner/Material Handler/Cellworker.

Planners' Interactions

1. A screen similar to the one below will be used by the planners to get the orders that have been released. The criteria are based on the order due date and the planner code.

iPad 6:57 PM 99 %

Input Parameters

USER: 57020 KATHLEEN HARBIN

FROM TO

Planner: [] Planner: []

WorkCenter: [] WorkCenter: []

Start Date: [] yyyy-mm-dd Start Date: [] yyyy-mm-dd

End Date: [] yyyy-mm-dd End Date: [] yyyy-mm-dd

Clicking the Button Get Orders without entering any values will fetch orders with Open Range

Get Orders

HARSCO



2. Once the orders are loaded into the application, a screen similar to the one below will be used to prioritize the orders. Any existing orders that are in queue for this planner will also be displayed.

The screenshot shows an iPad screen with the following details:

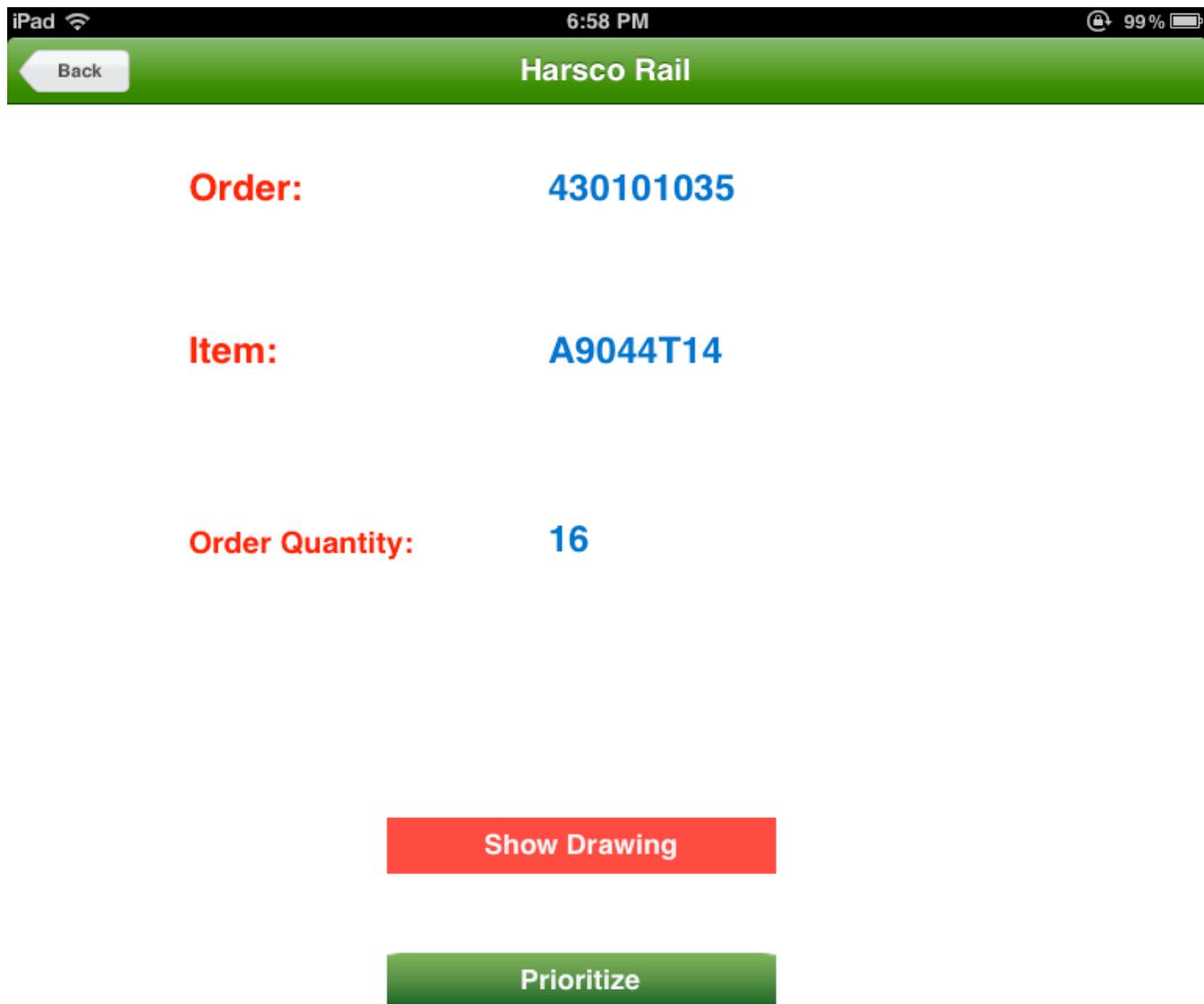
- Top Bar:** iPad, Wi-Fi signal, 6:57 PM, 99% battery.
- Header:** Orders (with a gear icon).
- User Information:** USER: 57020 KATHLEEN HARBIN
- Text:** Number Of Open Orders is 466
- Table:** A list of 10 open orders. Each row contains five columns: Order ID, Start Date, End Date, WC, and Planner. To the right of each row is a small arrow icon.

Order	Start Date	End Date	WC	Planner
430101035	2012-02-08	2012-02-13	1000	54001 >
430101008	2012-02-08	2012-02-13	1000	54001 >
430100964	2012-02-08	2012-02-13	1000	54001 >
430101051	2012-02-08	2012-02-13	1000	54001 >
430101024	2012-02-08	2012-02-13	1000	54001 >
430101037	2012-02-08	2012-02-13	1000	>
430101120	2012-02-08	2012-02-13	1000	54001 >
430101031	2012-02-08	2012-02-13	1000	54001 >
430101127	2012-02-08	2012-02-13	1000	54001 >

Bottom Navigation:

- Open Orders (with an info icon)
- Prioritized Orders (with an info icon)
- Backlog Orders (with an info icon)

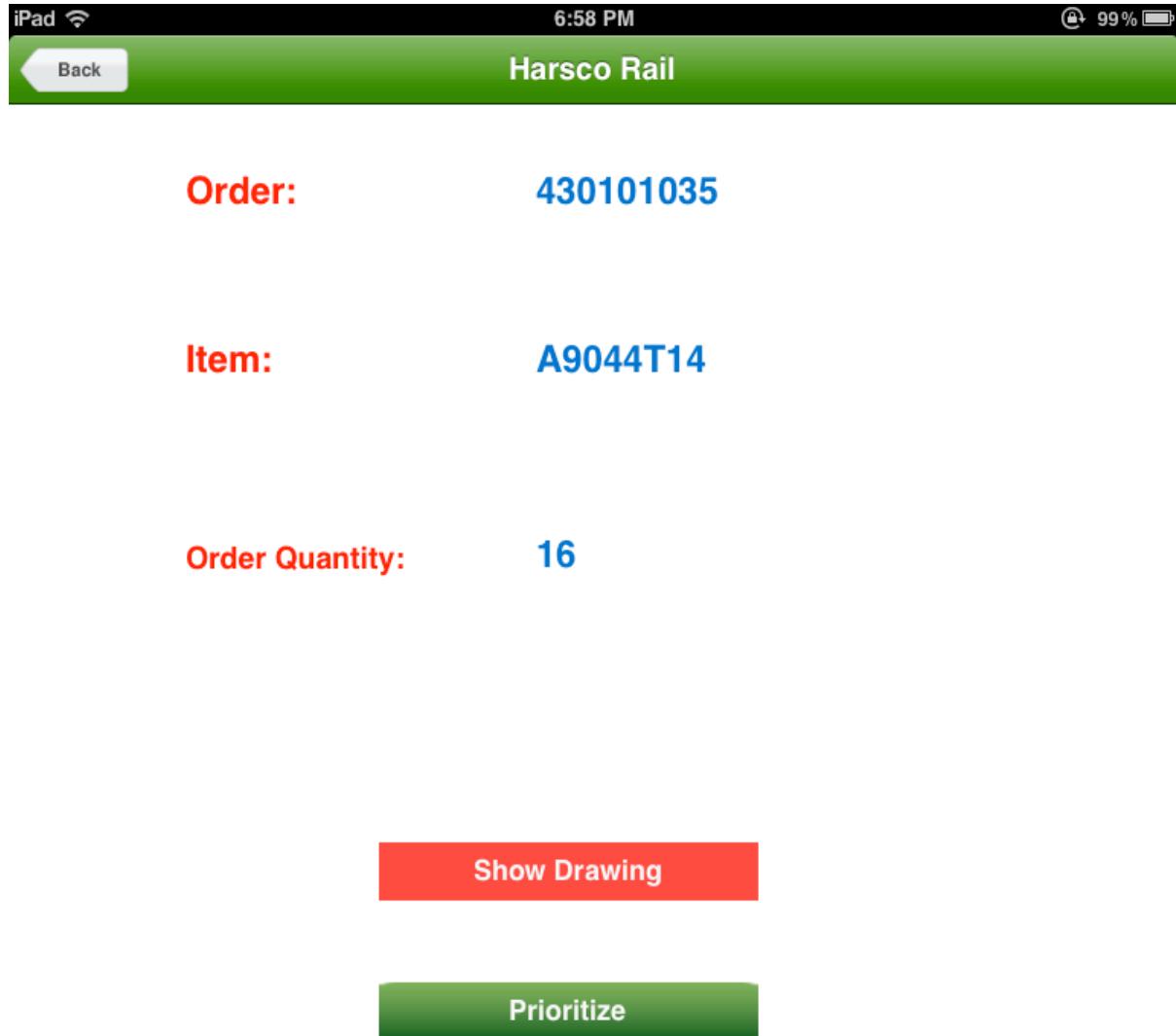
3. Once you click any of the order from the List of Orders the following screen appears where u can prioritize the order.



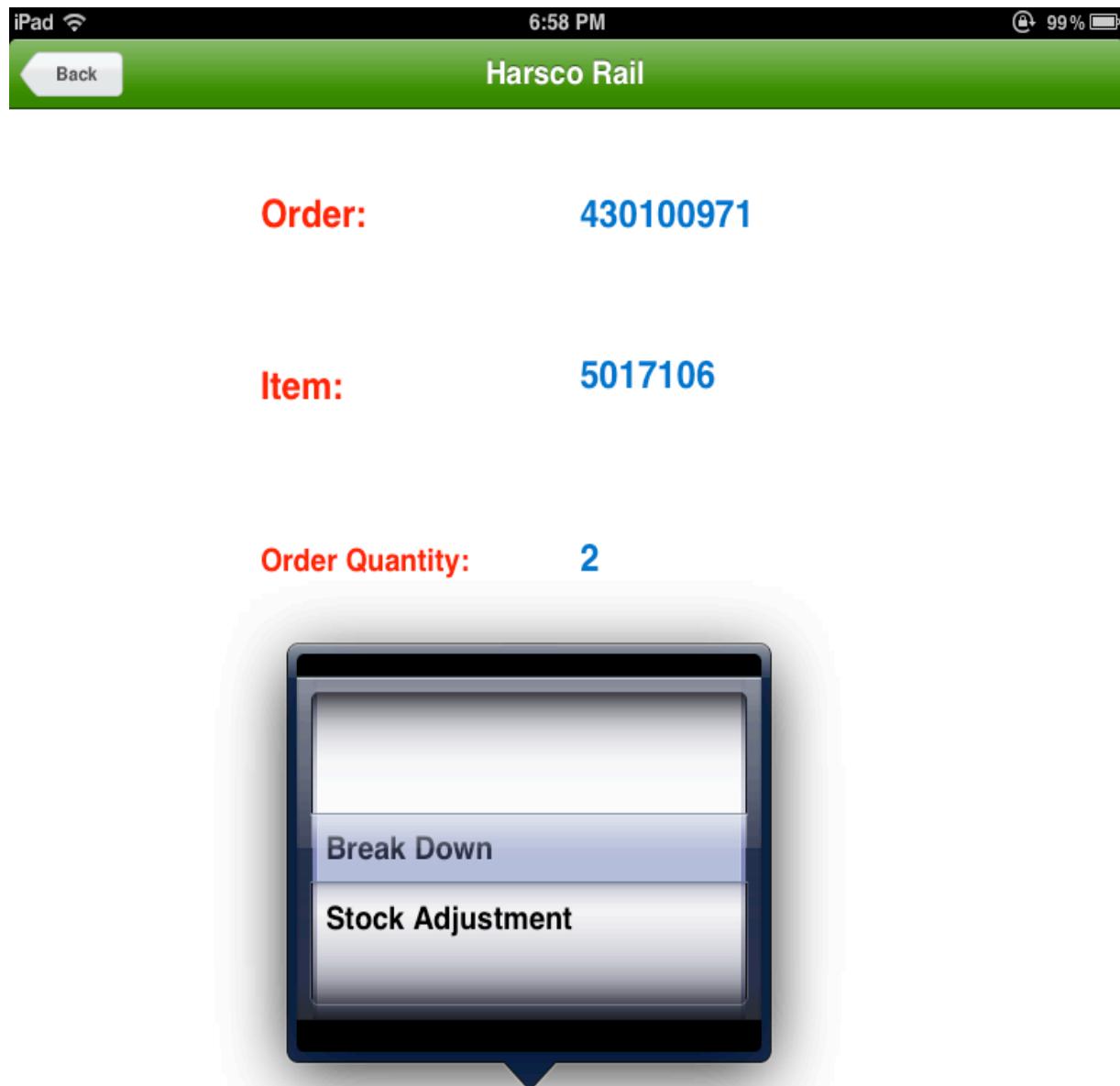
4. Once you prioritize you get a success message saying Order Prioritized.

5. You can view the backlog orders by clicking the tab button at the bottom of the screen and a list similar to Open Order List would appear.

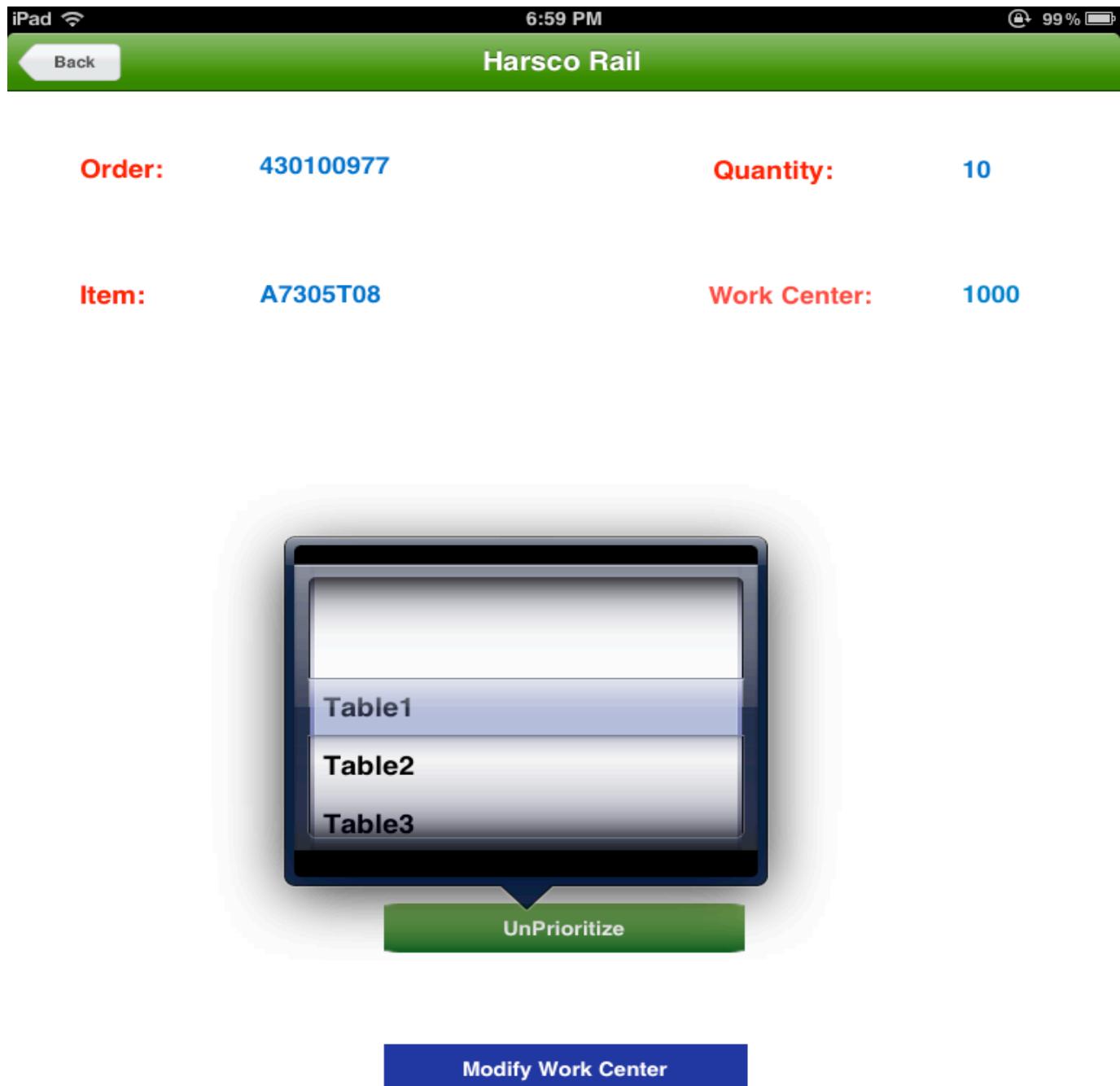
6. Clicking on any one of the orders from the Backlog List would take you to the following screen:



7.Clicking on Prioritize would ask you for the exception code as required by the backend and the following screen appears:



8.If you want to modify the work center of a particular order, you can do it from the Prioritized Order screen by clicking an open order from the list you would see the following screen:



9.By choosing appropriate work center from the picker, you can modify the work center.

10.Once you have prioritized Orders either from Open or Backlog from the iPad, the prioritized orders would appear in the Prioritized Order screen which can be viewed by clicking the button in the bottom tab bar. These orders need to be committed to the server, which you can do by clicking the commit order button in the following screen:

The screenshot displays the 'Prioritized Orders' screen on an iPad. At the top, there is a black status bar showing 'iPad' with signal strength, '6:58 PM', and battery level '99 %'. Below the status bar is a green header bar with the title 'Prioritized Orders' and a gear icon. The main content area has a grey background. At the top left, it says 'USER: 57020 KATHLEEN HARBIN'. In the center, a red message 'Number Of Prioritized Orders is 3' is displayed. On the right, a green button labeled 'Commit Orders' is visible. The main table has five columns: 'Order', 'Start Date', 'End Date', 'WC', and 'Planner'. There are three rows of data:

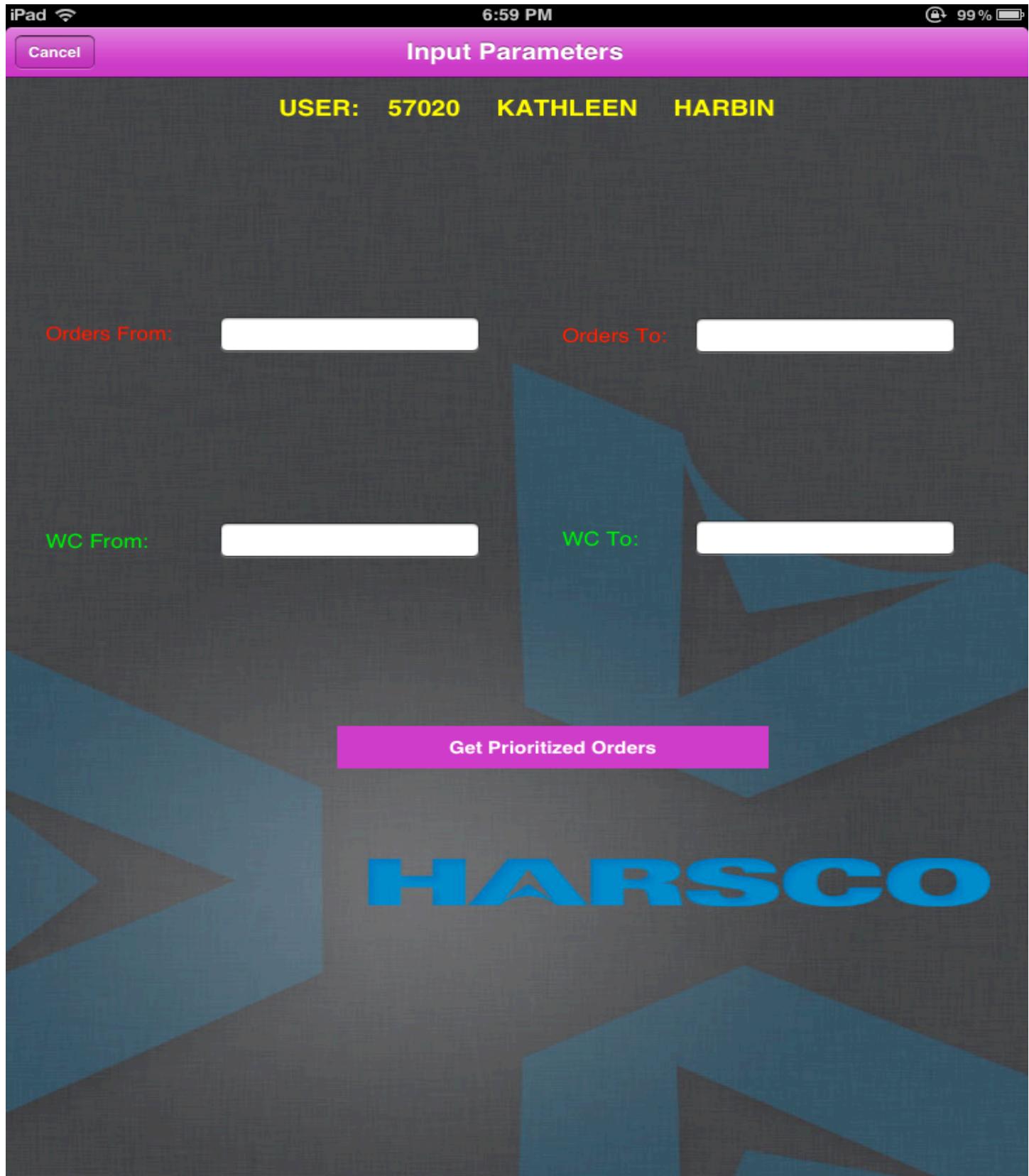
Order	Start Date	End Date	WC	Planner
430100971	2011-12-06	2011-12-12	Table6	54001
430101035	2012-02-08	2012-02-13	1000	54001
430101024	2012-02-08	2012-02-13	1000	54001

At the bottom of the screen is a green tab bar with three items: 'Open Orders', 'Prioritized Orders' (which is highlighted with a white circle), and 'Backlog Orders'.

11. After committing the orders, success or failure message would appear and all the orders get greyed out and no further editing is permitted.

Material Handler's Interactions

1. To get the Prioritized Orders for Pick and Confirm, after successful login the following input screen would appear:



2.After entering appropriate parameters press Get Prioritized Orders button at the bottom.(clicking the button without any parameters would mean open range).

3.Following screen appears with the appropriate order list:

Order	Status	
440039611	Open	>
460016959	Open	>
430065649	Partially Picked	>
470018835	Open	>
450052989	Open	>
430066104	Open	>
440039469	Partially Picked	>
430066077	Open	>
430065648	Open	>
430065661	Open	>
460016975	Open	>
390011733	Partially Picked	>

4.Clicking on any of the orders will present a screen with further details of the order like pickquantity, picklocation etc.

5.Clicking on any line item would allow you to edit the Picked Location and Picked Quantity (as shown in the screen below):

The screenshot shows a mobile application interface for picking and confirming items. At the top, it displays "iPad" with signal strength, "6:23 PM", and a battery level of "94%". The main title is "Pick And Confirm List". Below the title, it shows "Order: 460016959" and "Status: Open". It also indicates "Deliver To WC: 036" and "Engineering". The main list area contains 10 items, each with a quantity, part number, description, unit price, unit, and total price. Item 20, "HOSE CLAMP", is currently selected, as indicated by a blue border around its row. A modal dialog box titled "Edit Picked Location & Picked QTY" is overlaid on the list. This dialog has two input fields: "Picked Location" and "Picked Qty", both of which are currently empty. At the bottom of the dialog are two buttons: "Done" and "Cancel". Below the list and the modal, there are two green buttons: "Add New" and "Confirm Picking".

Line No.	Part Number	Description	Unit Price	Unit	Total Price	
10	0-1405820-0-01	TRIMMOLDINGX250FT	4SC06E	5.00	ft	4SC06E 0.00 >
20	0-3202000-0-20	HOSE CLAMP	4DD10D	6.00	ea	4DD10D 0.00 >
30	102652000	ENCLOSURE	4DD14C	1.00	ea	height 1.00 >
40	157400-1	TERMINI	4SC19B	0.00	ea	4SC19B 0.00 >
50	172521	BATTERY	4EC09F	0.00	ea	4EC09F 0.00 >
60	172522	BATTERYLUG	4SB20D	2.00	ea	mum 4.00 >
70	174599	BATTERYBOOT	4SB20D	2.00	ea	chn 2.00 >
80	174600	BATTERYBOOT	4SF17C	2.00	ea	hyd 2.00 >

6. You can also add a new line by using Addnew button and the following screen appears with provision to take inputs from user. The position number is auto filled appropriately and the UOM is default to ea.

The screenshot shows a mobile application interface for picking and confirming orders. At the top, it displays the device as an iPad with a signal, battery level at 94%, and the time as 6:23 PM. The title bar reads "Pick And Confirm List".

Order: 460016959 Status: Partially Picked

Deliver To WC: 036 Engineering

10	0-1405820-0-01	TRIMMOLDINGX250FT	4SC06E	5.00	ft	4SC06E	0.00	>
----	----------------	-------------------	--------	------	----	--------	------	---

Enter Parameters To Add New Line

1730	Item	Description	PickLocation	pickqty	ea	PickedLocation	PickedQty
------	------	-------------	--------------	---------	----	----------------	-----------

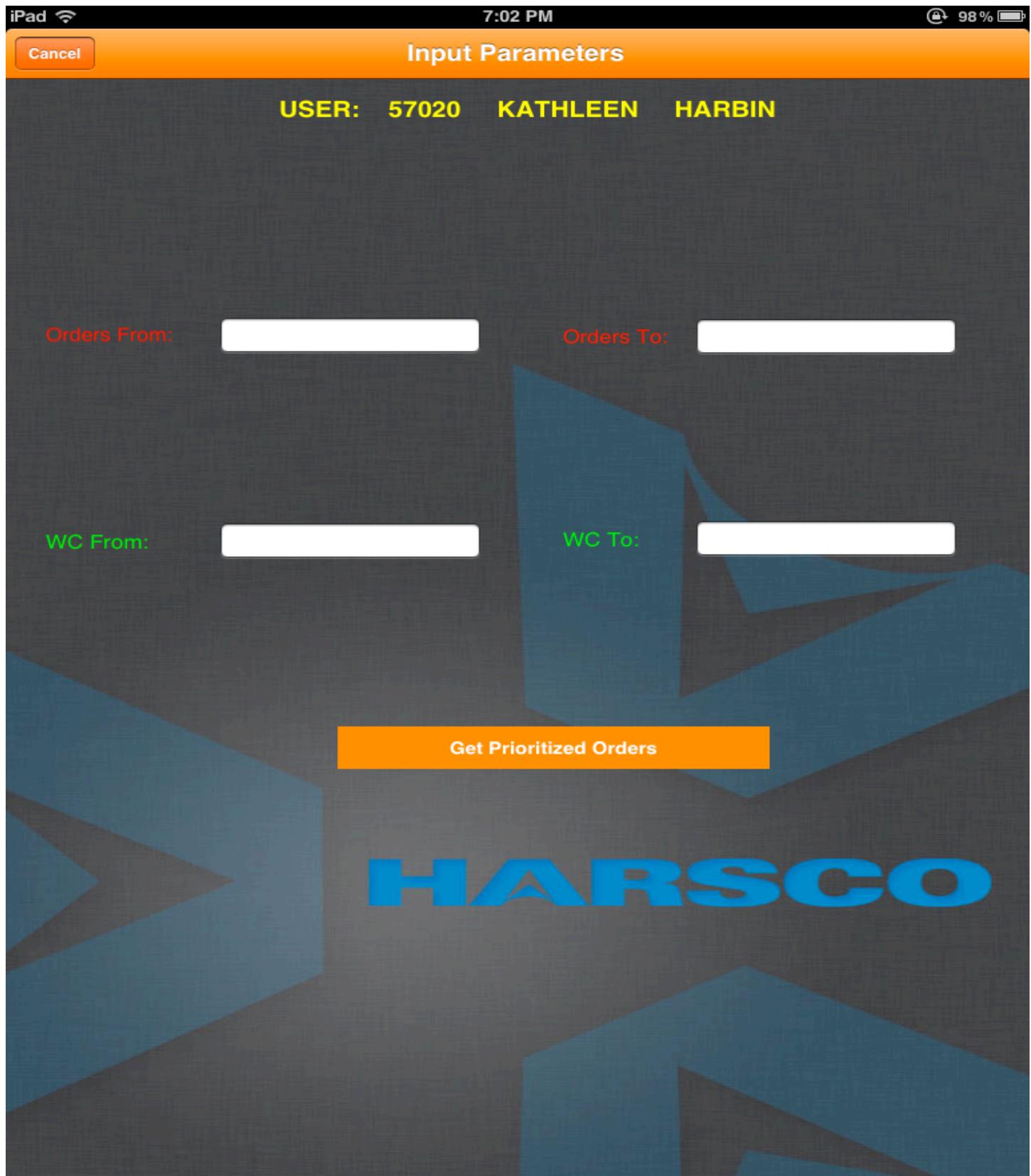
Done **Cancel**

40	157400-1	TERMINAL	4SC19B	1.00	ea	4SC19B	0.00	>
50	172521	BATTERYLUG	4EC09F	2.00	ea	4EC09F	0.00	>
60	172522	BATTERYLUG	4SB20D	2.00	ea	mum	4.00	>
70	174599	BATTERYBOOT	4SB20D	2.00	ea	chn	2.00	>
80	174600	BATTERYBOOT	4SF17C	2.00	ea	hyd	2.00	>

Add New **Confirm Picking**

Cell Worker's Interactions

1. After successful login, the following input screen would appear :



2.After entering appropriate parameters press Get Prioritized Orders button at the bottom.(clicking the button without any parameters would mean open range).

3.Following screen appears with the appropriate order list:

The screenshot shows an iPad displaying the 'Prioritized Orders' screen. The top status bar indicates it's 7:02 PM with 98% battery. The title 'Prioritized Orders' is centered above a user information section. Below that is a table listing eight prioritized orders.

User Information:

USER: 57020 KATHLEEN HARBIN

Prioritized Orders Table:

Priority	Order	WorkCenter	Planner
0	430100498	1020	54001
0	430100496	1020	54001
1	430101038	1000	54001
2	430100971	Table6	54001
7	430100594	1020	54001
8	430100530	1020	54001
9	430100998	1020	54001
12	430101014	1000	54001

Bottom Navigation:

A blue bar at the bottom contains a circular icon with an 'i' and the text 'Complete Operations'.

4.Clicking on any order would take you to the screen which has Order routing information.

iPad 7:02 PM 98 %

Operations

Order: 430100496 Planner: 54001

Item: 5012206 TAPBLOCK

Quantity: 24 ea Revision: A

Status: PartiallyPicked

Priority	Task	Description	Workcenter	Wdesc	Machine	Completed
10	107	BURNPROFILE	1020	NCMGPlasmaOxy-Fuel(NCBRN)	122	Yes >
20	108	DEBURR	1030	WeldShopDeburr(DEBR4)	125	NO >
30	163	SURFACEGRIND	2250	BlanchardSurfGrinder(SURGR)	290	NO >
40	113	BURN,BR	1100	ManualBurning/Cutting(HBURN)	170	NO >
50	114	DRILL,BR	2000	LargeRadialDrills(DRLRG)	201	NO >

Cancel Order

5.Clicking on any of the line items would give you options to view further details of the line and to complete the operation as well.

iPad 7:02 PM 98 %

Operations

Order: 430100496 Planner: 54001

Item: 5012206 TAPBLOCK

Quantity: 24 ea Revision: A

Status: PartiallyPicked

Priority	Task	Description	Workcenter	Wdesc	Machine	Completed
10	107	BURNPROFILE	1020	NCMGPlasmaOxy-Fuel(NCBRN)	122	Yes >
20	108	DEBURR	1020	WeldShopDeburr(DEBR4)	125	NO >
30	163	SURFACEGRIND	2200	LanchardSurfGrinder(SURGR)	290	NO >
40	113	BURN,BR	1100	ManualBurning/Cutting(HBURN)	170	NO >
50	114	DRILL,BR	2000	LargeRadialDrills(DRLRG)	201	NO >

Input Alert!!
Please Choose Your Action

Complete Operation

View Details

Cancel

Cancel Order

6.Clicking on View Details would take you to the following screen:

The screenshot shows an 'Operation Details' screen on an iPad. The top bar indicates it's 7:03 PM and the battery is at 97%. The screen has a header 'Operation Details' with a 'Back' button. Below the header, there are several data entries:

Operation:	30	Status:	NO
Task:	163	Task Description:	SURFACEGRIND
WorkCenter:	2250	WC Description:	BlanchardSurfGrinder(SURGR)
Machine:	290	Production Time:	1.45
StartDate:	2012-02-09	EndDate:	2012-02-10

At the bottom left, there is a section labeled 'Task Text:' followed by a large text box containing the text 'SURFACE TO 0.73'.

7.Clicking on Complete Operation would complete that Operation and once you complete all the operations of the order, you can see the Complete Order button enabled and clicking that button would complete the entire order:

Operations

Order: 430100496 Planner: 54001

Item: 5012206 TAPBLOCK

Quantity: 24 ea Revision: A

Status: Awaiting Receipt

Priority	Task	Description	Workcenter	Wdesc	Machine	Completed
10	107	BURNPROFILE	1020	NCMGlPlasmaOxy-Fuel(NCBRN)	122	Yes >
20	108	DEBURR	1030	WeldShopDeburr(DEBR4)	125	YES >
30	163	SURFACEGRIND	2250	BlanchardSurfGrinder(SURGR)	290	YES >
40	113	BURN,BR	1100	ManualBurning/Cutting(HBURN)	170	YES >
50	114	DRILL,BR	2000	LargeRadialDrills(DRLRG)	201	YES >

Complete Order