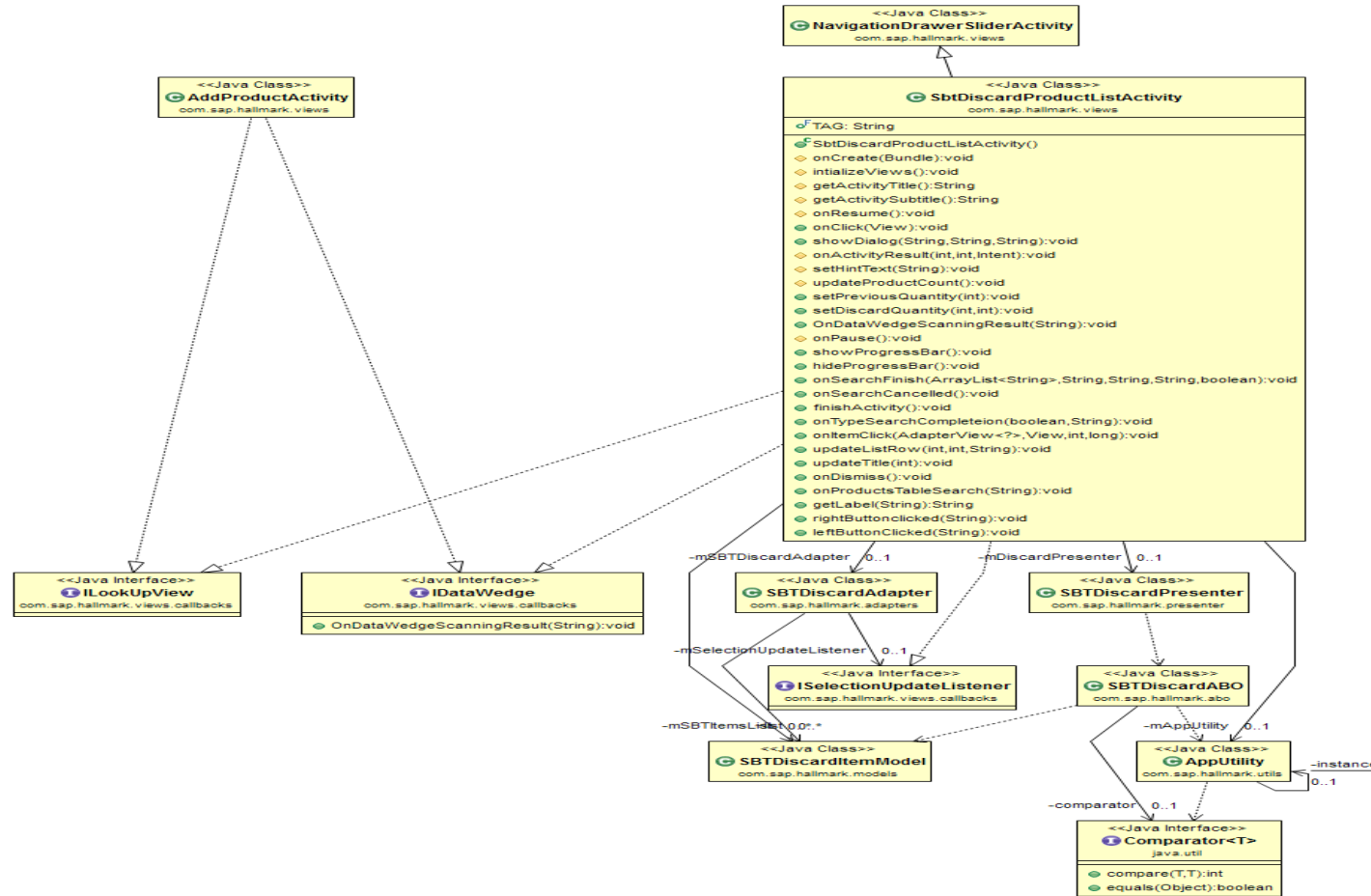


Agenda

- General Program Structure
- Packages
- Interfaces, Classes
- SBT Discard
- SBT Transfer Out & In

General Program Structure



Packages

The following packages are created to support this functionality:

- `com.sap.hallmark.views`
- `com.sap.hallmark.views.presenters`
- `com.sap.hallmark.adapters`

Interfaces,Classes

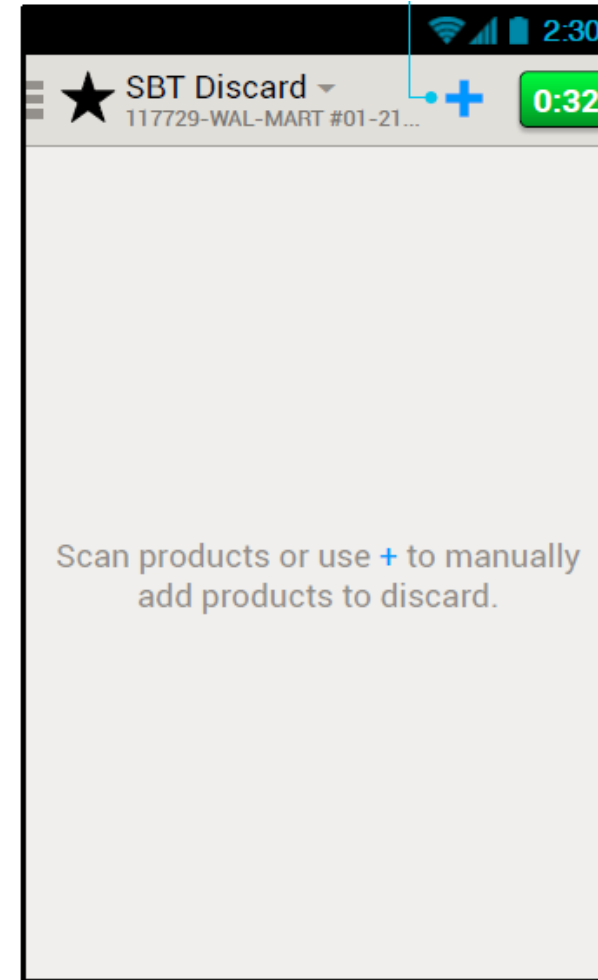
Object Type	Object	Short Text/Comment
Class	SbtDiscardProductListActivity	Shows the list of products for SBT Discard. Operations include addition of the products either by scanning the barcode, or by manually entering the UPC; and the products can also be removed from the list.
Class	SBTDiscardAdapter	Adapter to display product list; it requires the list of products to display. On click of the quantity text, it displays a <u>listpopupwindow</u> to edit the quantity.
Class	SBTDiscard	Generated by Sybase AFX Compiler with Template
Class	SBTDiscardABO	This is a backup class if the MBOs stop working. The Data in this Class is saved in the memory.
Class	SBTDiscardModel	Model class for SBTDiscard data, it contains the prototype of data used to show SBTDiscard screen. It contains getters and setters of screen data.
Class	AddProductActivity	Activity to add product in SBT Discard Product list

Interfaces,Classes

Object Type	Object	Short Text/Comment
Class	EverydaySeasonalSummaryActivity	Activity to display the Credit and Tally Summary; it is commonly used for Per Visit Summary and Store Visit Summary. It expects EXTRA_IS_SEASONAL, EXTRA_CREDIT_TALLY_MODEL, EXTRA_MODE, and IS_PER_STORE.
Class	EverydaySeasonalSummaryActivity	Activity to display the Credit and Tally Summary; it is commonly used for Per Visit Summary and Store Visit Summary. It expects EXTRA_IS_SEASONAL, EXTRA_CREDIT_TALLY_MODEL, EXTRA_MODE, and IS_PER_STORE.
Class	CreditTallySummaryFragment	Summary Fragment in the Everyday Credit and Tally Summary screen
Class	CreditCategoryFragment	Category Fragment in the Credit/Tally summary screen
Class	CreditTallyPriceFragment	Price Fragment in the CreditTally summary screen.
Class	CreditTallySummaryItemsFragment	Summary Fragment for the Everyday/Seasonal Credit/Tally Summary screen.
Class	CreditCategoryListAdapter	List adapter for the Category tab page on the CreditTally summary screen
Class	CreditTallySummaryItemsAdapter	Adapter for the items list on the Summary screen
Class	CreditTallySummaryPriceAdapter	Price Points tab page on the Summary screen
Class	CreditTallyPresenter	Presenter class to connect the ABO layer to the Credit/tally UI
Class	CreditTallyABO	Credit Tally ABO class that integrates with the MBOs. The data can be saved locally in the device.

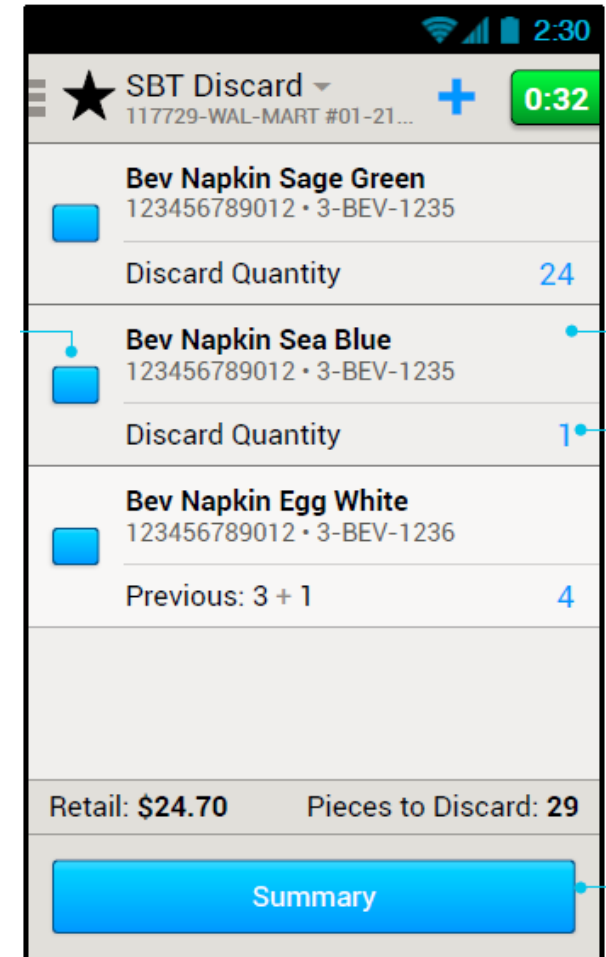
SBT Discard

Whenever the user wants to discard the SBT Item from a store, the discard is performed using this functionality



SBT Discard

Product information is listed. Users can either scan a product or manually add them. If the user scans a product multiple times, the quantity increases.

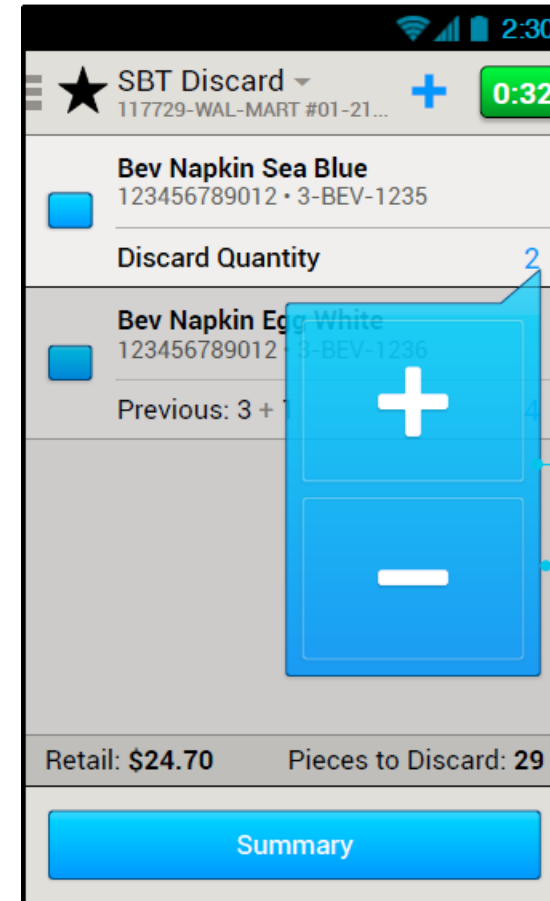


SBT Discard

When the user scans a product, an overlay appears allowing them to increase/decrease the quantity amount quickly.

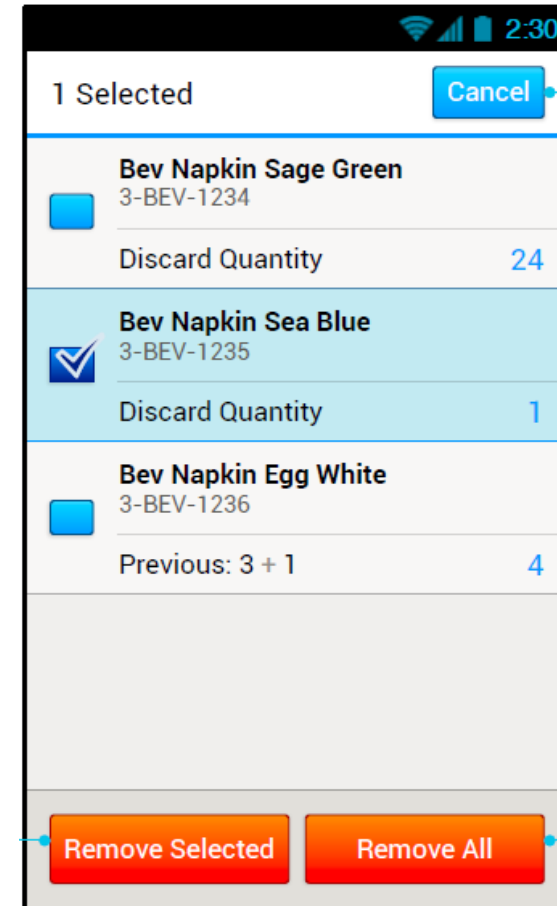
This overlay appears in the same place, as it is anchored to the most recently scanned product, which is at the top.

After ~15 seconds of inactivity the overlay automatically fades away. It can also be dismissed by tapping any of the dulled out area.



SBT Discard

Remove selected products, then return to previous state.



SBT Discard

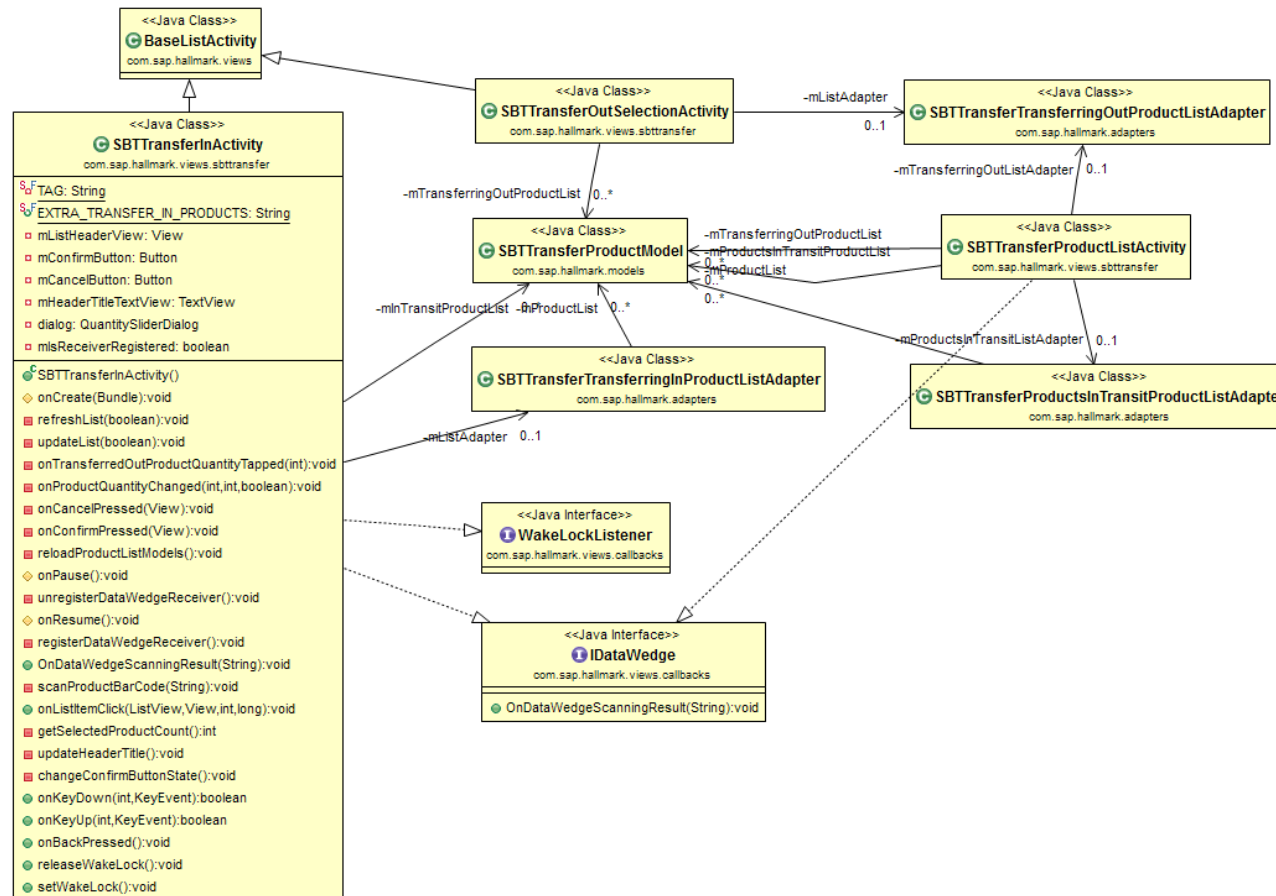
Manually adding a product for SBT Discard uses only UPC. Partial lookup is not supported, however a popover appears if one or no results are found for the entered code.

Some UPCs will always have supplementals after them. If so, the user is notified via a popover and the supplemental UPC field is automatically selected to continue typing - the previously entered UPC number is not lost.

The screenshot shows a mobile application interface for adding a product. The title is 'Add Product' with a subtitle 'SBT Discard'. There are two input fields: 'UPC' containing '123456789012' and 'Supplemental UPC' containing 'XXXX'. A dark grey popover message 'Supplemental UPC is required' is displayed over the 'Supplemental UPC' field. At the top right, there are 'Cancel' and 'Add' buttons. The status bar at the very top shows signal strength, Wi-Fi, and the time 2:30. Below the input fields, the text 'Numberpad Keyboard' is visible.

SBT Transfer Out & In

General Program Structure

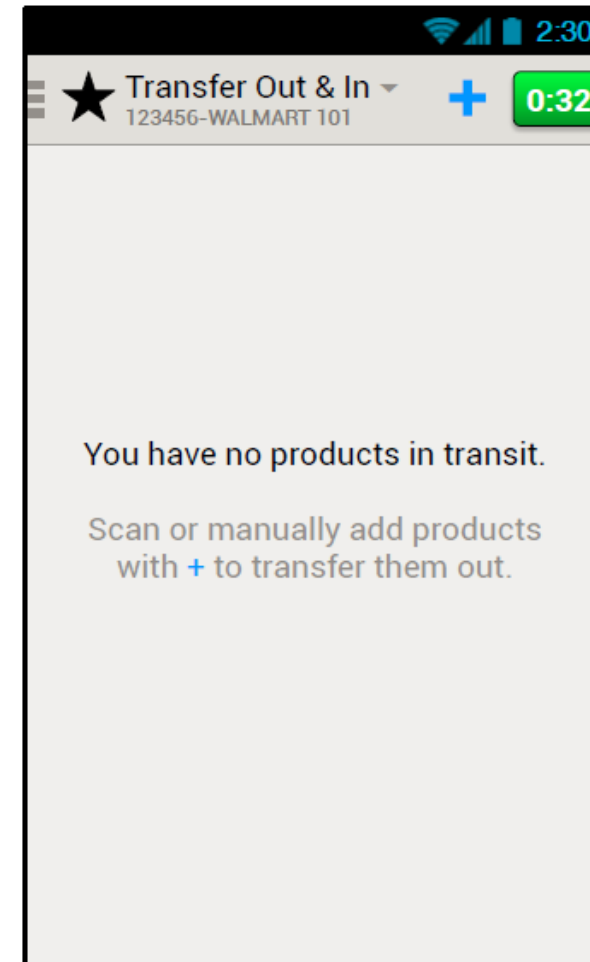


Interfaces, Classes

Object Type	Object	Short Text/Comment
Class	StoreVisitSummaryActivity	Shows the store visit summary page where the user can see the list of activities done in that store visit, and can finalize the data to be sent to Hallmark
Class	StoreVisitSummaryAdapter	Adapter for store visit summary screen
Class	StoreVisitSummaryData	Model class for Store visit summary data
Class	VisitSummaryPresenter	Presenter that communicates with database layer and gets store summary data
Interface	ICancelListener	Interface to notify Store visit summary screen on choosing <i>Cancel</i> in the <i>Store Visit Completion</i> dialog box
Class	StoreVisitCompletionDialog	Shows the <i>Send and Confirm</i> dialog box, where the user can specify if the current visit is the last visit of the day, and confirm that the data can be sent to Hallmark
Class	VisitCompletedActivity	Shows the <i>Thank You</i> screen when the last visit of the day is not checked.
Class	VisitCompletedLastActivity	Shows the <i>Visit Completed</i> screen with background color and text

SBT Transfer Out & In

This screen state with no products transferred in.
Transfer out is limited to 99 per product.

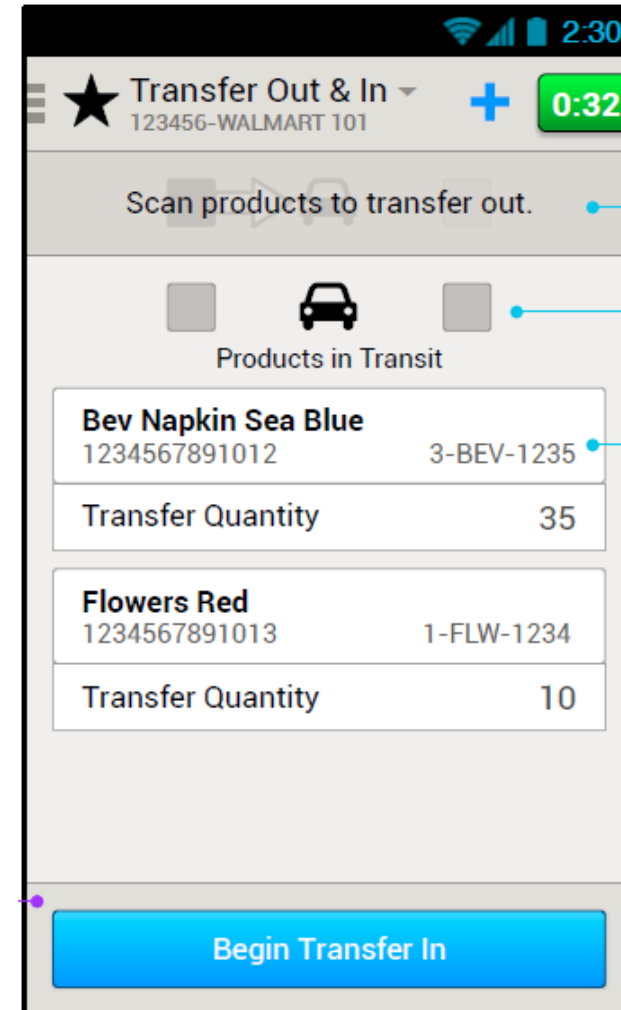


SBT Transfer Out & In

Products the user has scanned out are listed as "Products in Transit".

Each transferring step uses a simple diagram to reflect the step in the process.

The user is notified to scan or manually add to transfer products out.



SBT Transfer Out & In

Products that have any quantity that has been held for more than 48 hours have a tag attached to them.

The screenshot shows a mobile application interface for 'Transfer Out & In' at '123456-WALMART 101'. The top status bar shows a star icon, the title 'Transfer Out & In', a plus icon, and a green timer '0:32'. Below the header, there is a section titled 'Scan products to transfer out.' with a car icon and the text 'Products in Transit'. The main content area lists two products: 'Bev Napkin Sea Blue' with ID '1234567891012' and '3-BEV-1235', and 'Flowers Red' with ID '1234567891013' and '1-FLW-1234'. Each product has a 'Transfer Quantity' field. The 'Bev Napkin Sea Blue' has a quantity of 35, and the 'Flowers Red' has a quantity of 10. A red banner at the bottom of the product list states 'Held for more than 48 hours.' A blue button at the bottom of the screen is labeled 'Begin Transfer In'.

Product Name	Product ID	Transfer Tag	Transfer Quantity
Bev Napkin Sea Blue	1234567891012	3-BEV-1235	35
Flowers Red	1234567891013	1-FLW-1234	10

Held for more than 48 hours.

Begin Transfer In

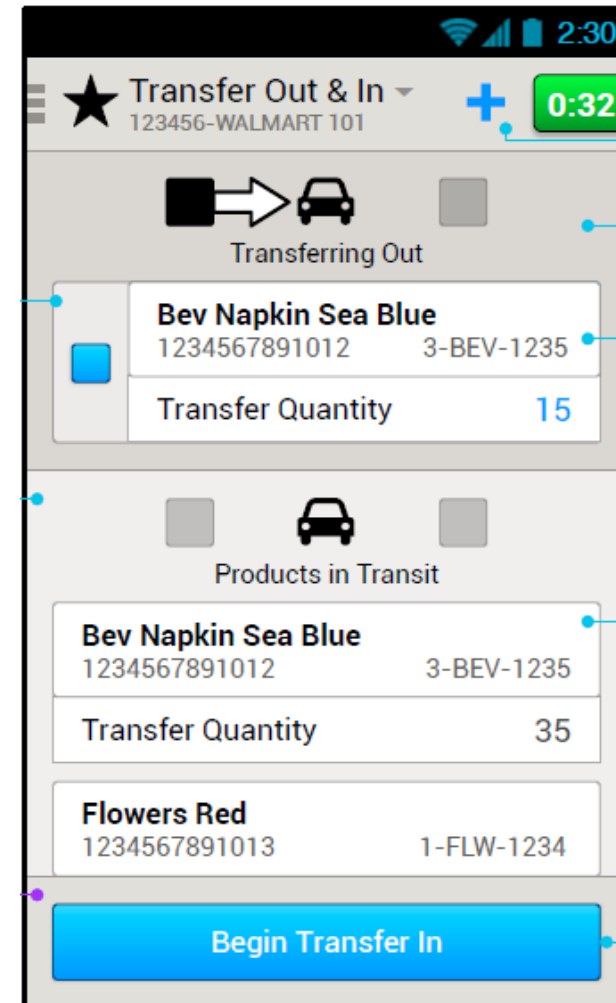
SBT Transfer Out & In

Once products have been transferred out, the user has the ability to begin a transfer in.

Transferred out products are listed, collected together regardless of store they were transferred out from.

Only the current store products are able to be removed or edited in the list. If the user scans out of a store, they are no longer able to edit the products from the store.

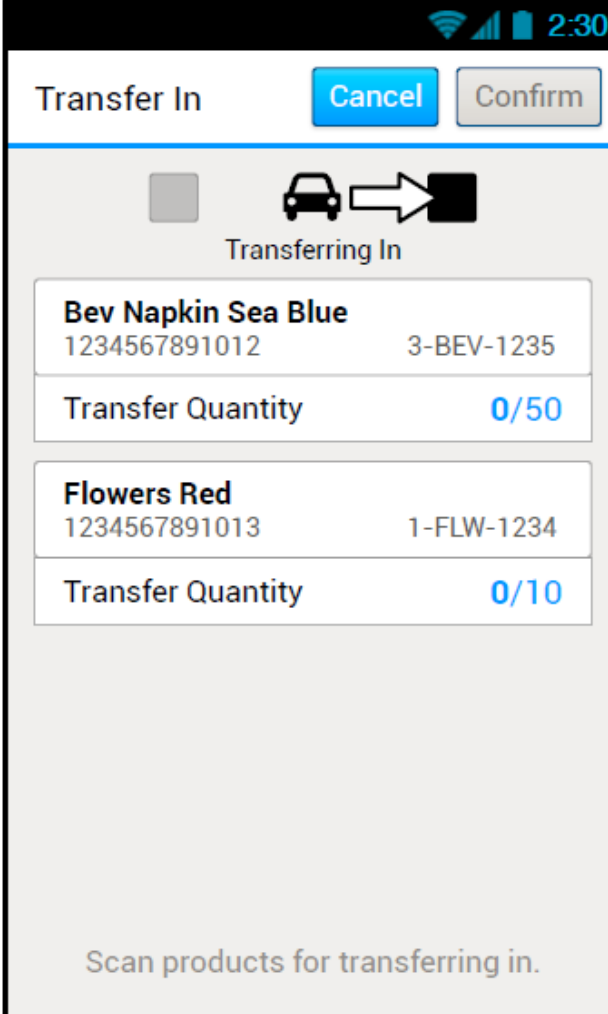
After a user has scanned out a store, they are unable to edit quantity or remove products transferred in from that store.



SBT Transfer Out & In

The user must scan a product to confirm it is in their possession. Scanned products become selected in the list and then may then be transferred.

The Confirm button is disabled until the user has something with a transfer quantity greater than 0.



The screenshot shows a mobile application interface for "Transfer In". At the top, there is a status bar with signal, battery, and time (2:30) indicators. Below the status bar, the title "Transfer In" is displayed next to a blue "Cancel" button and a greyed-out "Confirm" button. The main area features a "Transferring In" section with a car icon and a right-pointing arrow. Below this, there is a list of two items:

Bev Napkin Sea Blue 1234567891012	3-BEV-1235
Transfer Quantity	0/50

Flowers Red 1234567891013	1-FLW-1234
Transfer Quantity	0/10

At the bottom of the screen, there is a prompt: "Scan products for transferring in."

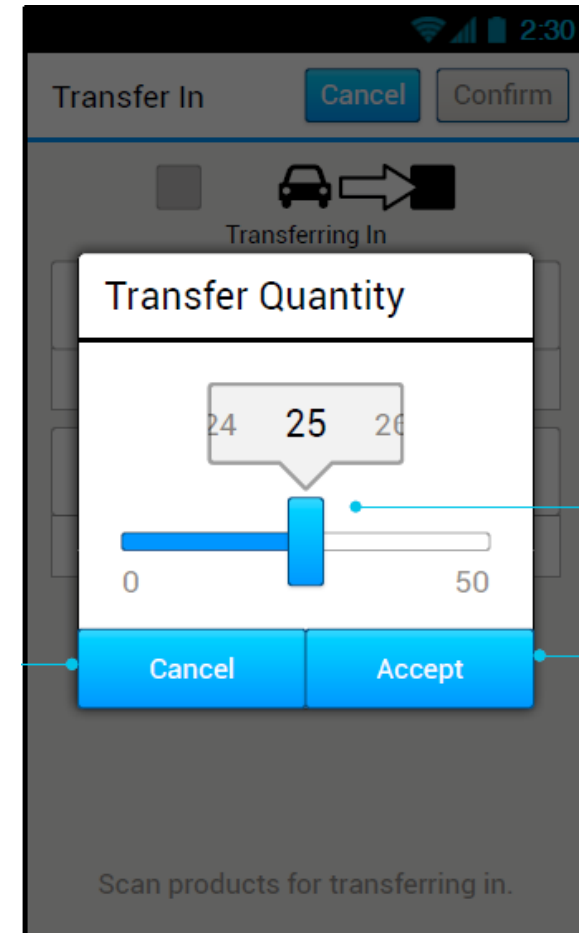
SBT Transfer Out & In

The user is given a slider to select the quantity out of the amount they have transferred out and in their possession. They are able to tap and hold to move the slider's thumb left and right to reduce and increase the amount.

When the user moves the thumb, the number displayed above the thumb reflects the change in real time.

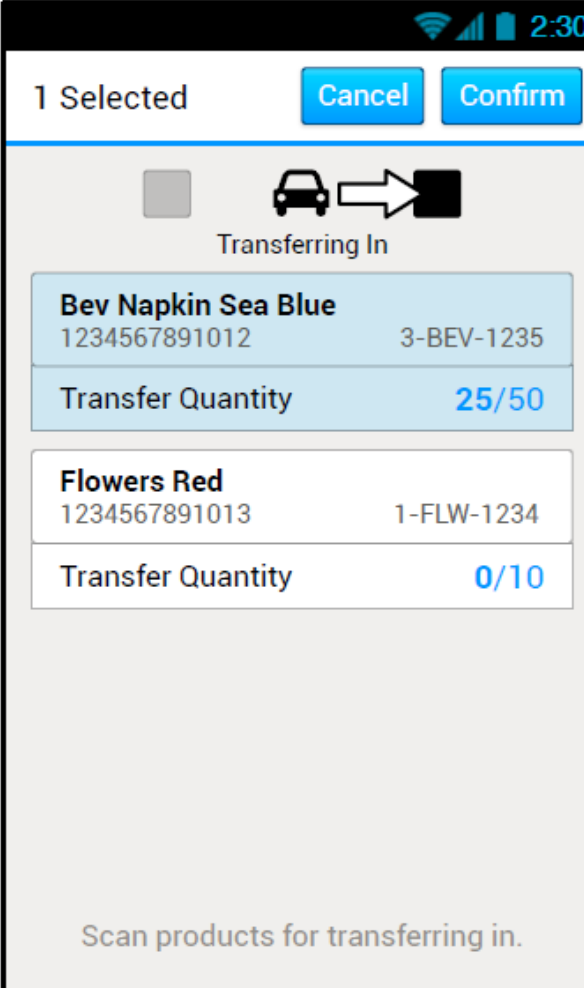
If the user holds in one place then makes small movements, the scale of change is reduced to make it easy to nudge in small increments.

The user can also tap on the bar, on the left/right of the thumb to do single increments.



SBT Transfer Out & In

After the user has changed the quantity, the change is reflected by highlighting the product and changing the transfer quantity.

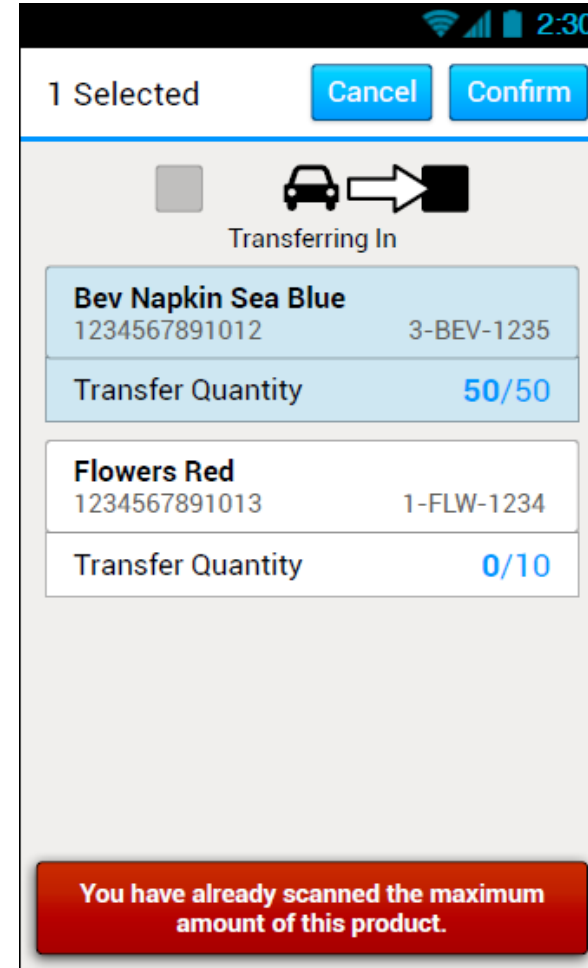


The image shows a mobile application interface for managing SBT (Service Business Transfer) transfers. At the top, the status bar shows signal strength, battery level, and the time 2:30. Below the status bar, there is a header with '1 Selected' and two buttons: 'Cancel' and 'Confirm'. The main content area is titled 'Transferring In' and features a car icon with an arrow pointing to a box. Below this, there are two product entries. The first entry, 'Bev Napkin Sea Blue', is highlighted in blue and shows a transfer quantity of 25/50. The second entry, 'Flowers Red', is not highlighted and shows a transfer quantity of 0/10. At the bottom, there is a prompt to 'Scan products for transferring in.'.

Product Name	Product ID	Transfer Quantity
Bev Napkin Sea Blue	1234567891012	25/50
Flowers Red	1234567891013	0/10

SBT Transfer Out & In

If the user attempts to scan past the number of products they have, a warning toast is shown.



Thank You