Look up and Account List

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Hallmark

Agenda

- General Program Structure
- Dependencies
- Packages
- Interfaces and Classes
- Lookup By Pocket ID
- Lookup By Stock Number
- Lookup By UPC Number
- Lookup Results
- Shipment Details

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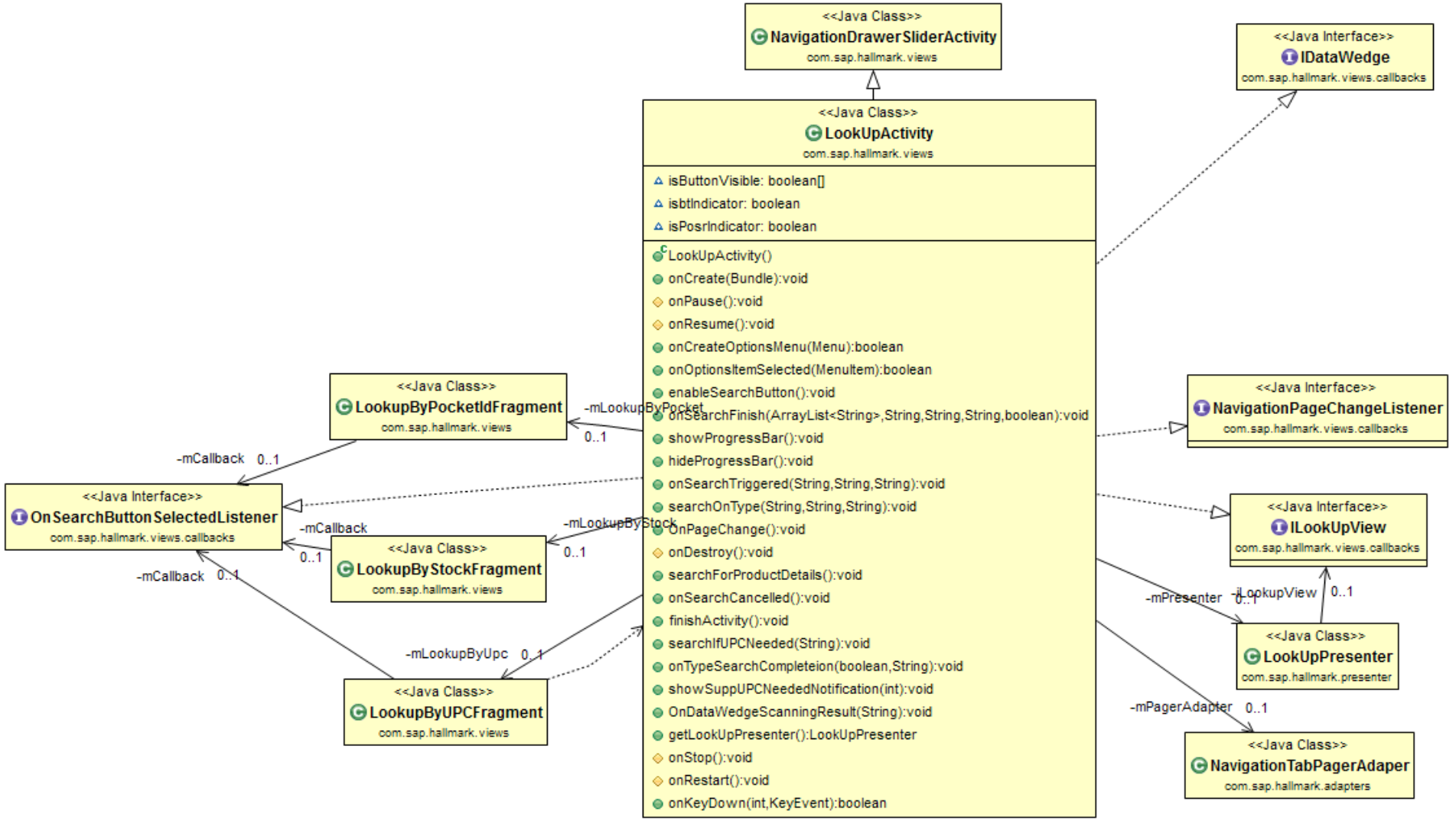
Store Scan General Program Structure



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Dependencies

The functionality has dependencies on the following activities:

- DatawegdeScanner
- ReorderListActivity
- POSRAuditListActivity

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Packages

The following packages are created to support this functionality:

- com.sap.hallmark.views
- com.sap.hallmark.adapters
- com.sap.hallmark.views.callbacks

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Interfaces and Classes

Object Type	Object	Short Text/Comment
Class	LookUpActivity	Base activity class for the Pocket Lookup/Stock/UPC
Class	LookupByPocketIdFragment	Fragment class for Pocket ID screen
Class	LookupByStockFragment	Fragment for Stock Entry page
Class	LookupByUPCFragment	Fragment for LookupByUPC page
Class	LookUpPagerAdapter	Adapter class for tab page view
Class	LookUpDetailsPresenter	Presenter class for Lookup details Screen; it connects the ABO layer to the UI
Class	LookUpPresenter	Presenter class for LookupScreen; it connects the LookupABO to the UI
Class	LookUpSearchABO	Implements the look up search functionality by searching on the basis of SKU/UPC/Pocket in the local database
Class	LookupResultListAdapter	Custom adapter to display lookup results as a list
Interface	ILookUpView	Callback methods of Lookup Screen
Interface	IPocketNavigation	Listener for pocket navigation
Interface	IFragmentFocusField	Fragment focus field interface
Class	NavigationTabPagerAdaper	Pager Adapter implementation class to create a swipe view with tab pages; it uses the custom slider and custom layout mimicking the ActionBar

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Interfaces and Classes

Object Type	Object	Short Text/Comment
Class	LookUpDetailsActivity	Gets details of the product and allows the user to navigate to next or previous product considering the pocket information
Class	LookUpDetailsPresenter	Presenter class for Lookup details screen; it connects the ABO layer to the UI for LookupDetailsActivity
Class	POSRLookupDetailsFragment	Fragment to display the details for a POSR product
Class	NonPOSRLookupDetailsFragment	Fragment to display the details for a Non POSR product
Class	AddProductActivity	Allows the user to search and add product to specific modules
Interface	OnOrderChangedListener	Listener for any changes in orders on the product details

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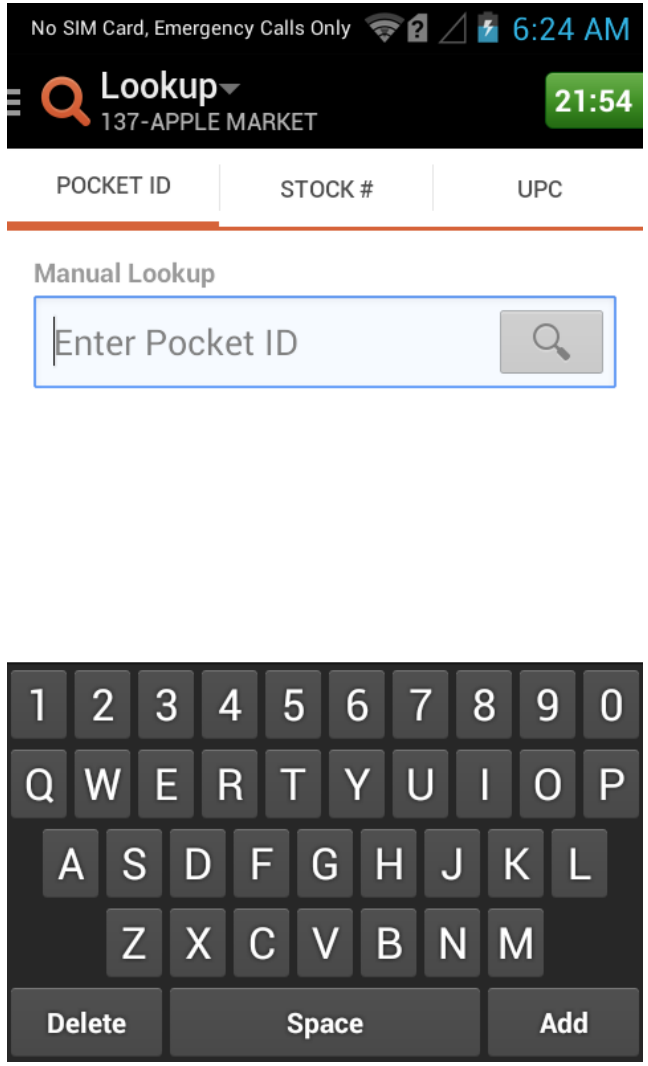
Lookup

Lookup By Pocket ID

- Pocket ID has a minimum length of 2 after which the search button becomes active.
- The text field is automatically selected when the user comes to this screen, allowing the user to begin typing straight away.
- Tap Search for the entered information.
- For Pocket ID entry: use the alpha-numeric keyboard in the capital letters state. No symbols are allowed.
- Tap: Progress to next text field if available, otherwise search for entered information.



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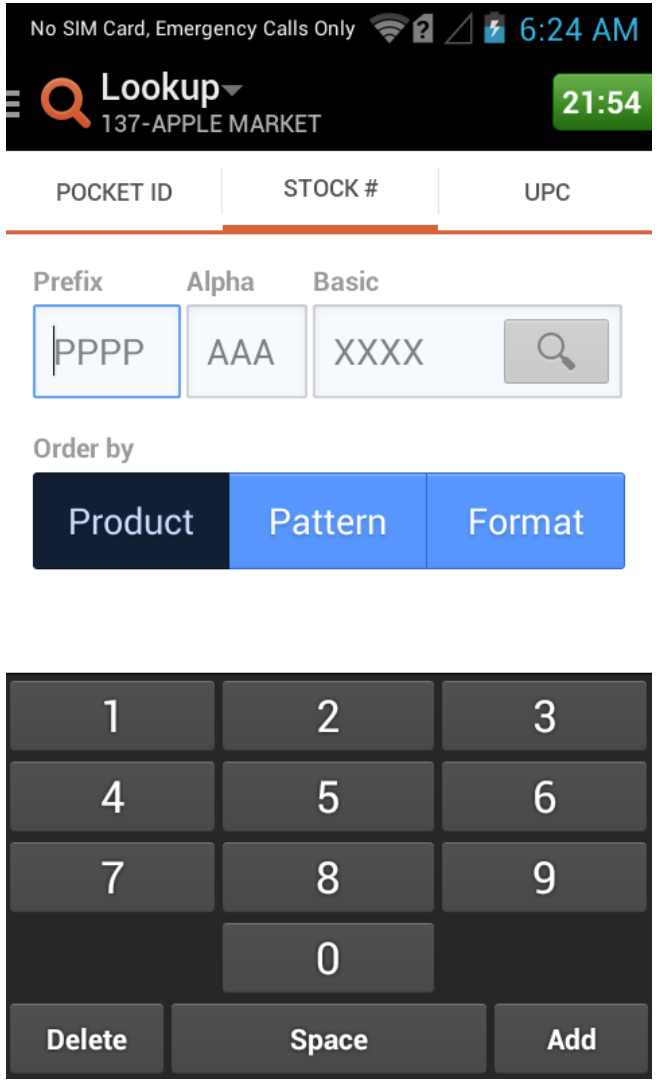
Lookup By Stock#

- Stock number is composed of Prefix(3), Alpha(3), and Basic(4).
- The *Search* button is activated when at least a single character is entered in each field.
- Zeros are appended up to the maximum length of each, before a query is fired.
- The user can select how to display the results. Results by Pattern, Results by Format or Result by Product



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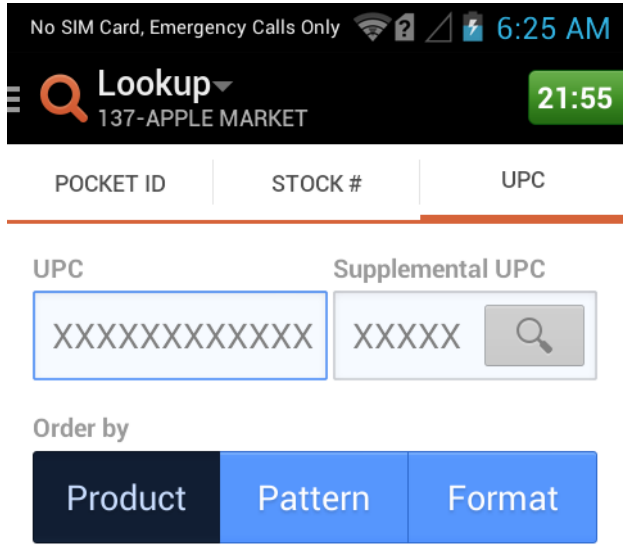
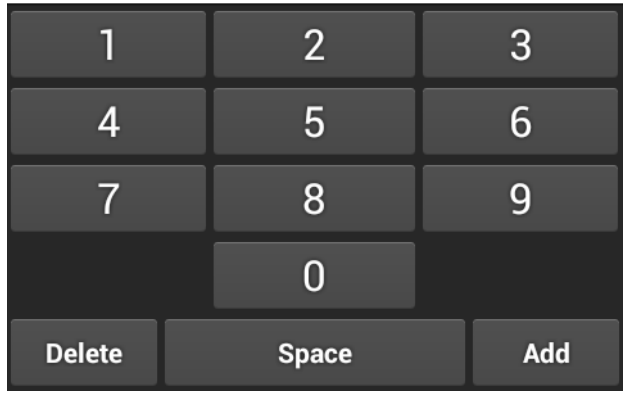
Lookup By UPC

- UPC is composed of UPC(12) and supplemental(optional, 5).
- The search query uses compressed a UPC.
- A valid UPC must have a minimum of 11 characters (without leading zeros) and the supplemental must have 5 characters.





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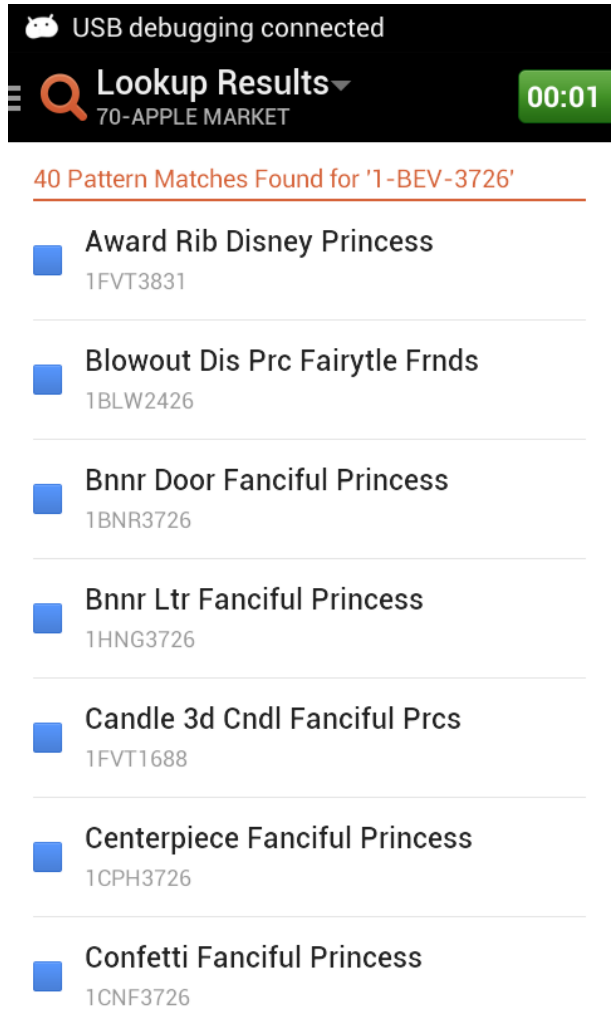
Lookup:Result by Pattern

- Lookup results will fetch maximum of 500 products.
- Checkboxes are already available for the user to tap to select a product to order. The hit area for this item is generous.
- Tap: Select a product row, for ordering.
- POSR Accounts will also be presented with checkboxes, but should not be using them in the majority of cases. If the user attempts to line order for a POSR Account a prompt is displayed to verify that is the action they wish to take.



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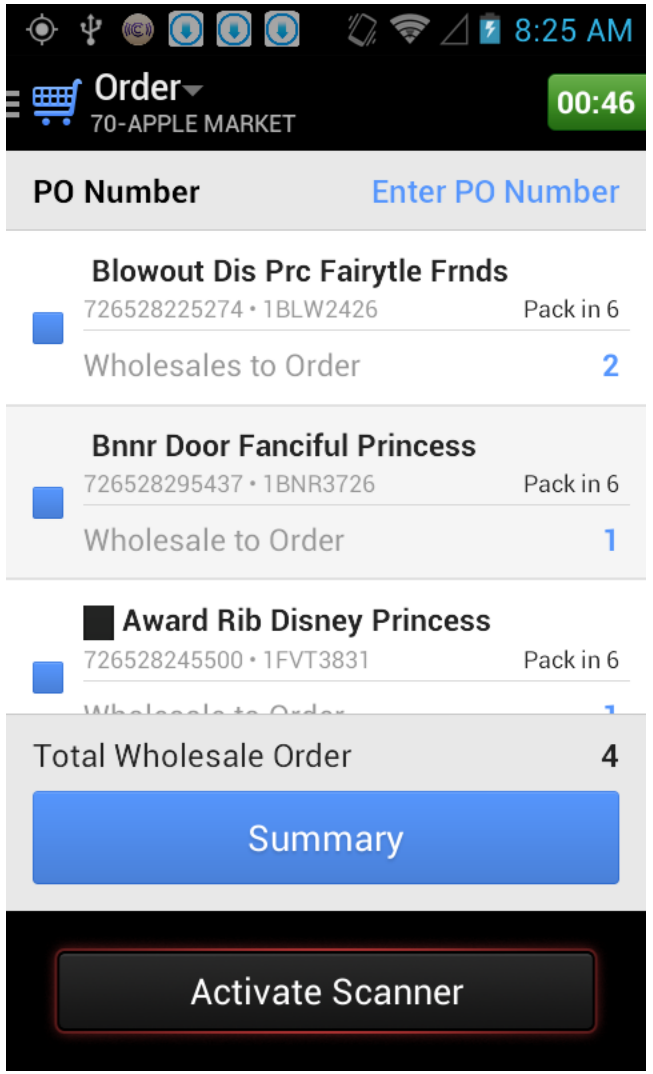
Orders

- Tapping on the product details: Go to Product Details.
- Open Change Quantity prompt.
- Select the product and change the state to Edit.
- Go to Orders Summary.



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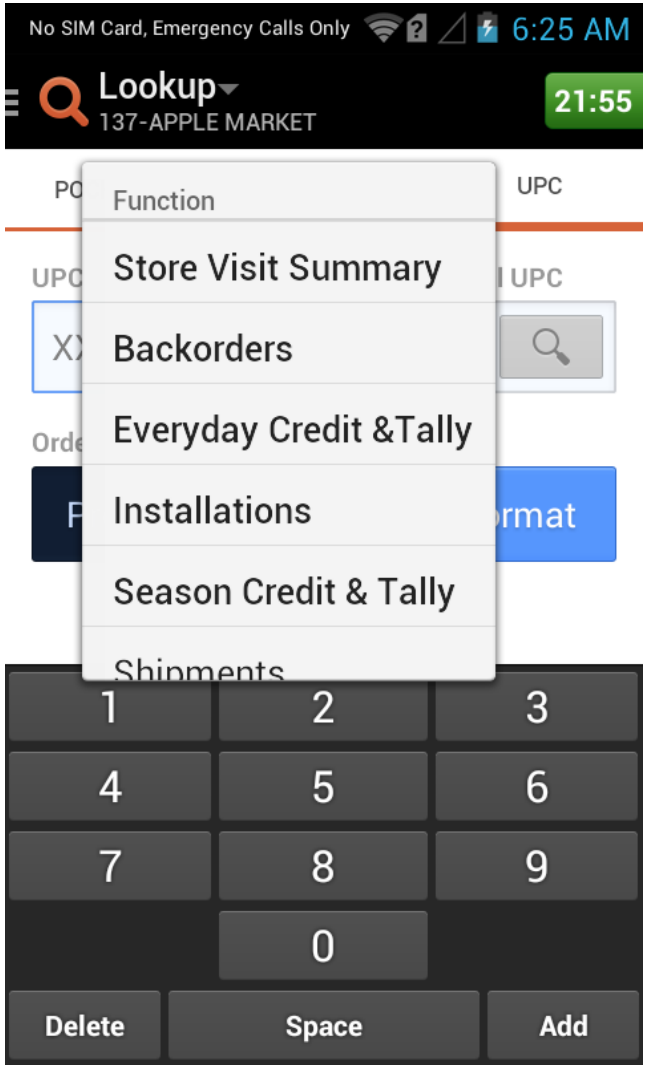
Swapping functions

- This menu allows for fast and easy switching between functions whilst in the Store Visit app.
- This menu is listed in the same order as the Store Visit screen; Lookup first, then alphabetical.



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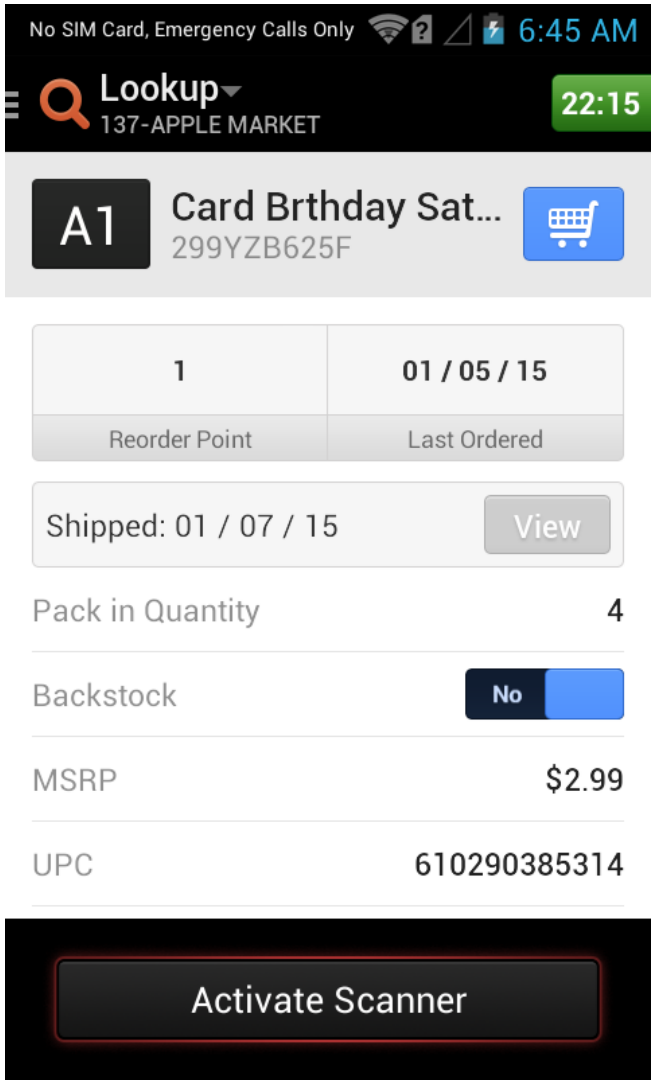
Lookup :Non-POSR Item

- For non-POSR items an order button is included and placed prominently
- Some information differs between non-POSR and POSR items, but the formatting allows for consistent reading between them.



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Look up Tabs

```
private void initTabs() {
    mLookupByPocket = new LookupByPocketIdFragment();
    mLookupByStock = new LookupByStockFragment();
    mLookupByUpc = new LookupByUPCFragment();

    ArrayList<Fragment> fragments = new ArrayList<Fragment>(3);
    Bundle args = new Bundle();
    args.putBoolean(
            IAppConstants.ApplicationSharedPrefsKeys.BUTTON_ENABLE_KEY,
            true);
    args.putBoolean(IAppConstants.SEARCH_VISIBLE_KEY, true);

    mLookupByPocket.setArguments(args);
    mLookupByStock.setArguments(args);
    mLookupByUpc.setArguments(args);

    fragments.add(mLookupByPocket);
    fragments.add(mLookupByStock);
    fragments.add(mLookupByUpc);

    mPagerAdapter = new NavigationTabPagerAdaper(
            getSupportFragmentManager(),
            this,
            getResources().getStringArray(
                    R.array.tab_headings_lookup_screen),
                    fragments,
                    (HorizontalScrollView) findViewById(R.id.tab_horizontal_scroll),
                    findViewById(R.id.tabs), (int) AppUtility
                    .getAppUtilityInstance().getScreenWidth(
                            getWindowManager()) / 3, (int) getResources()
                            .getDimension(R.dimen.dim_sixty_two), getRobotoMedium(),getResources().getColor(R.color.lookup_red));
}
```

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Pocket Navigation

- We can swipe left and right to view other pockets in store
- 7000 pockets are loaded for navigation
- View Pager is used for Pocket Navigation
- We have pagination for memory management perspective. We would initially load on 40 pockets i.e 20 pockets on either side.When we reach last for first pocket which is loaded , we will then further download the next 40 pockets

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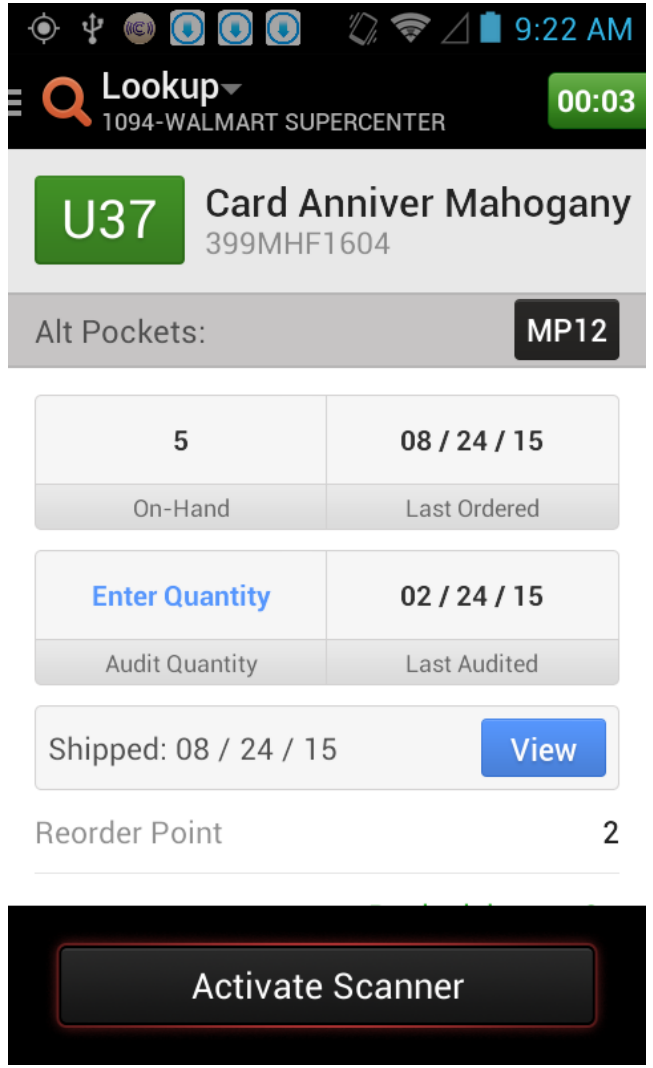
Pocket Types

- Primary Pocket : Pocket with which we searched is considered as Primary pocket
- Secondary/Alternate Pocket : Rest all of Secondary Pocket



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POSR and Non- POSR Product

- POSR Product would be automatically ordered & Add to cart button will be disabled.
- But we can change order quantity for them
- If product is from POSR we get that from Inventory.That product will have
  - Reorder Point
  - Reorder Status - This will denote what will be color of pocket
- Non- POSR product have to be manually ordered
- For Non-POSR product no Audit Information is available
- For Non-POSR product , we can click on alternate pocket & see details

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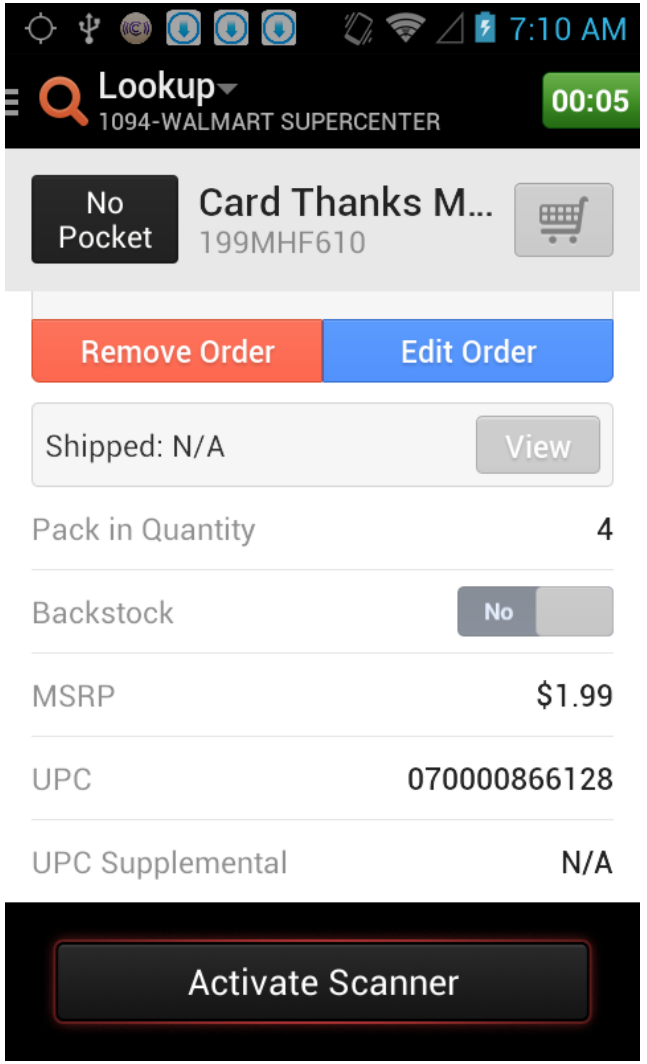
Cancelled Product

- No Pocket is assigned to this
- These are product which Hallmark is no more producing
- We can search Cancelled Product.These could be ordered and Audit
- Pocket Navigation is disabled for Cancelled Product



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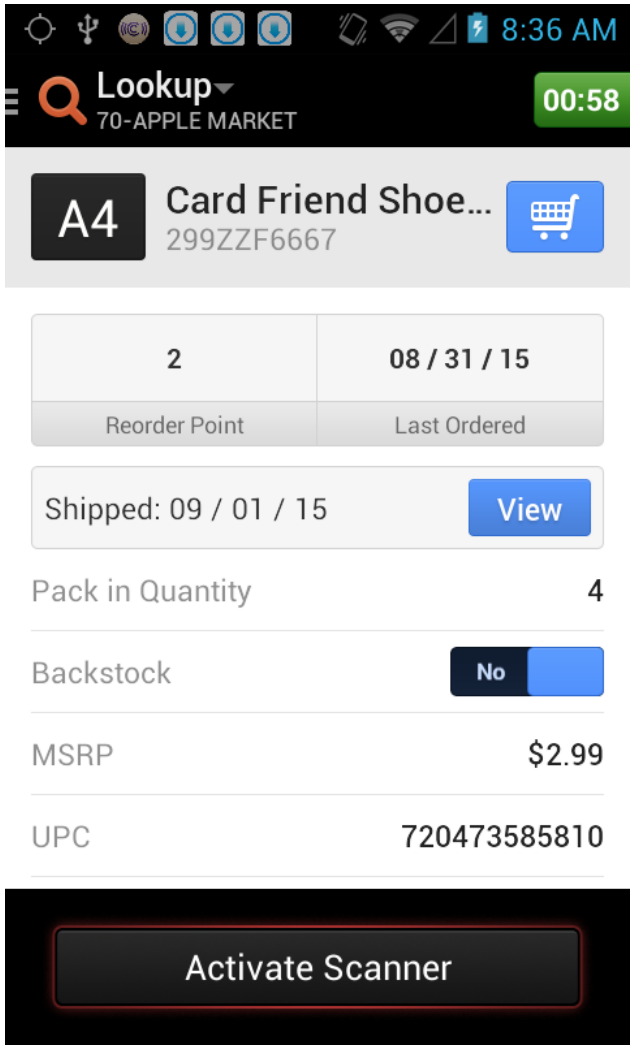
Shipment Details

- We have row name shipped , which will tell date when it is shipped
- Clicking on View button we can see Shipment details



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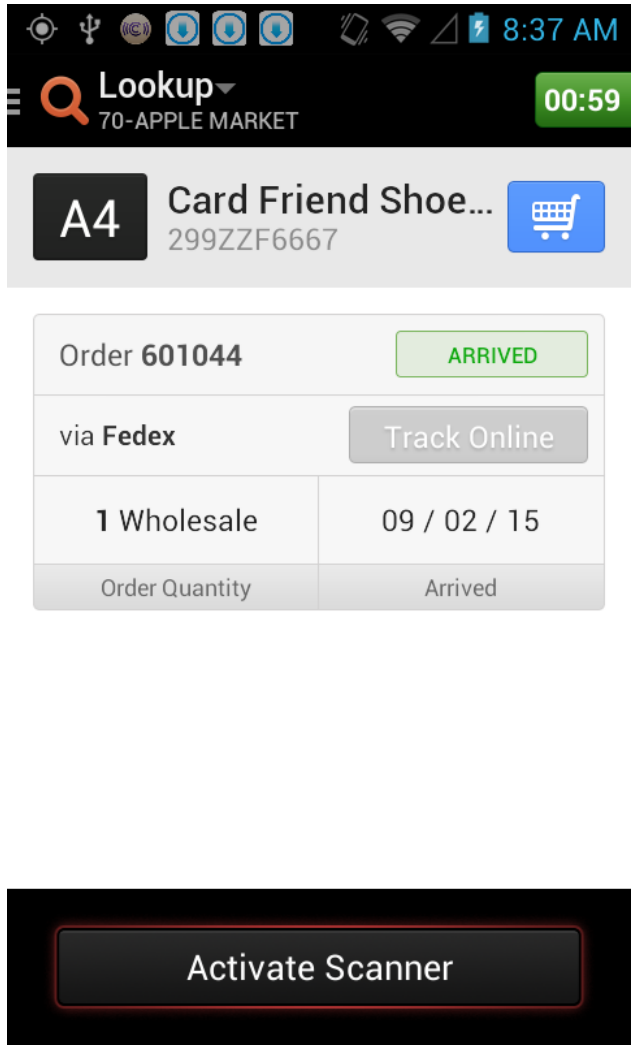
Shipment Details Continued

- Each order displays the relevant information as a contained block.
- The status of the order is displayed in a clear, visual manner. Confirm to Fedex's colour usage for status if they have one.
- For orders that can be tracked; the courier is provided.
- Track Online: Go to the courier's website and see the live tracking information.
- Tracking is only available after a package has left the Hallmark Distribution Center.
- Various Status : Not Shipped , In-Transit , Arrived



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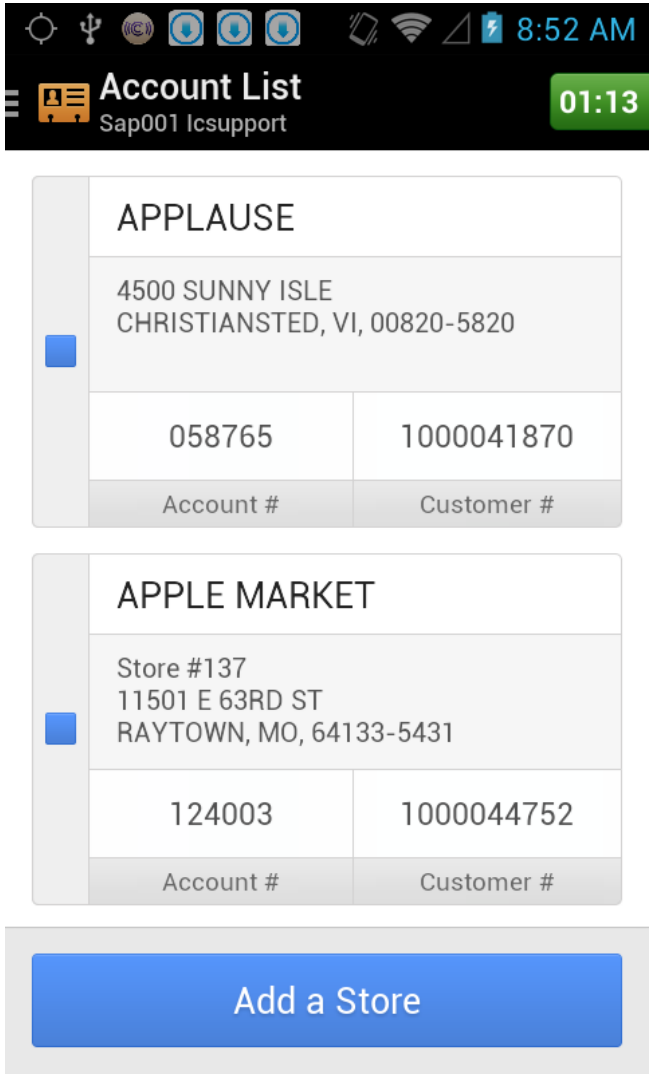
Account List

- Account details are grouped together for easier reading.
- Stores that are found to be close to the GPS location of the user are shown at the top and highlighted.
- Click on Account Name row : Go to Account Details.
- Stores have four different treatments:
- - Stores that are downloading.
- - Stores that are nearby.
- - Stores that are assigned to the user.
- - Stores the user has added, but aren't assigned to.



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Thank you

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