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Feature Overview

## Feature Description

Devices can be placed into groups. Those groups can be configured to define features allowed on devices within the group.

# Groups

## Client Groups

A device client ID can be defined in one client group through configuration (section 7). A client ID can be in only one group. Each group can have specific features/functionality enabled (section 2.2). If a feature is not enabled for a group, that device does not have the feature/functionality option displayed for selection.

## Features/Functions Configurable by Group or Client

Each Client Group and/or Client ID can be configured to allow the following features/functions (section 7). **NOTE**: If both a Client ID and Client Group have features/functions defined, the Client ID features/functions are used.

1. Standard Return Transactions
2. Service Return Exchange Transactions
3. Lost or Damaged Service Item Transactions
4. Trade in Return Transactions
5. Price Match Adjustment Transactions
6. Price Correction Adjustment Transactions
7. Pre-Order Transactions
8. Layaway Deposit Transactions
9. Flash Application Access
10. Stored Value Card Cash Out Transactions
11. Cash In Transactions
12. Cash Out Transactions
13. Payment on Account Transactions
14. Account Refund
15. Product Service Upgrade
16. Cash Tender
17. US Cash Tender
18. Cheque Tender
19. Absolute Maximum Refund Allowed
20. Maximum Transaction Total Amount Allowed
21. Maximum Refund Amount without Manager Override
22. Auto Sign Off After Each Transaction
23. Transaction Search by Loyalty ID
24. Print Last Raincheck

# 

# Assumptions

1. Best Buy is responsible for defining Client Groups. This includes defining, modifying and removing Client Groups.
2. Best Buy is responsible for defining features/functions allowed for each client group. This includes defining, modifying and removing features/functions within Client Groups.
3. Client Groups can contain one or many Client IDs.

# Screen Layouts

## POS Screens

If Feature/Function is not configured for a Client Group, then the option does not display for selection.

# Printing

## Receipt Changes

No changes for Receipts for Client Groups.

# Configurable Settings

| **Parameter Mnemonic** | **Description** | **Valid Values** |
| --- | --- | --- |
| Client Groups | Definition of client IDs included in the Client group | Client IDs. |
| Features/Functions for Client Groups | Definition of features/functions allowed for a client group and/or Client ID |  |

# Logging Changes

No Logging changes in POSLog or Electronic Journal for client groups.

# Out Of Scope

* *This Specification covers the changes needed to implement the changes for Register Groups. Functionality that has no changes from the current processes is not covered unless needed to provide context.*

# Business Sign Off

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
|  |  |  |

# Technical Sign Off

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
|  |  |  |

# Technical Review

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
|  |  |  |

# Technical Inform

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
|  |  |  |

# Revision History

## Reviews

|  |  |  |
| --- | --- | --- |
| **Date** | **Iteration** | **Result** |
| 5/9/2015 | 1.0 – Internal Review | Updates in version 1.1 |

## Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Reviser** | **Revision** | **Date** | **Version** |
| Amy Byers | Initial Version | 5/7/2015 | 1.0 |
| Amy Byers | Updates from Internal Review | 5/22/2015 | 1.1 |

# Appendix : Source Documentation

* Register Personality - Requirements Specification v1.2.xlsx
* XPOS Device Requirements Specification v1.0.xlsx

## Functional Requirements - Register Personality

| **ID** | **Description** | **Section(s)** |
| --- | --- | --- |
| 1.1 | Register Personalities are defined in configuration files as **ClientGroups** and provide the ability to set functionality for a group of **client ID**. | * 2 Groups * 5 Configurable Settings |
| 1.2 | BBY will own the maintenance of ClientGroup/s, ClientID/s and its associated Features and Feature Limitations or Thresholds. | * 3 Assumptions |
| 2.1 | BBY will have the ability to add, delete ClientGroups as needed. | * 3 Assumptions |
| 2.2 | BBY will have the ability to Modify features, feature limitations or thresholds in a ClientGroup as needed. | * 2 Groups * 5 Configurable Settings |
| 2.3 | There will be a set of features and feature limitations or thesholds set for a specific ClientGroup. | * 2 Groups * 5 Configurable Settings |
| 2.4 | Features and feature limitations or thresholds are configurable by BBY and can be added or deleted from a ClientGroup and modified as needed. | * 3 Assumptions |
| 2.5 | A ClientGroup can be assigned to one or many ClientId/s. | * 3 Assumptions |
| 3.1 | A ClientID (unique ID) will be assigned for every POS device (XPOS stationary, mobile, tablet/phablet). | * Current Functionality |
| 3.2 | A ClientID can only be assigned to 1 CllientGroup | * 2 Groups |
| 3.4 | BBY will have the ability to add, delete a ClientID/s from a ClientGroup. | * 3 Assumptions |
| 4.1 | Features, Feature Limitations or Thresholds can also be set up by Client Group or by ClientID. | * 2 Groups * 5 Configurable Settings |
| 4.2 | Features, Feature Limitations or Thresholds set at a ClientID level will take precedence over a ClientGroup feature. | * 2.2 Features/Functions Configurable by Group or Client |
| 4.4 | The configurable features and/or functions listed on the Matrix tab of this document and all other POS features can be assigned to a ClientGroup or ClientID. | * 2.2 Features/Functions Configurable by Group or Client * **NOTE**: Features modified during review and reflected in document. |
| 4.5 | The EPOS RAFT Options in the RAFT Tab of this document are POS feature limits and functions be assigned to a ClientGroup or ClientID. | * 2.2 Features/Functions Configurable by Group or Client * **NOTE**: Features modified during review and reflected in document. |

## Functional Requirements - XPOS Device

| **ID** | **Description** | **Section(s)/Documentation** |
| --- | --- | --- |
| **1.1** | UI automatically adjusts to the screen resolution at startup. NOTE: If resolution is changed while application running, size will not readjust. | * Defined in BBYC xPOS UI v1.3 |
| **1.3** | All screens defined in BBYC xPOS UI v1.2.docx remain. | * Defined in BBYC xPOS UI v1.3 |
| 1.4 | For Registers, docking options do not display on the register screen. | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.1 | The soft keyboard on the register screen is available, but not displayed unless selected by user. | * Defined in BBYC xPOS UI v1.3 |
| 2.2 | Keyboard ‘tab’ moves focus to the next field on the register screen. | * Defined in BBYC xPOS UI v1.3 * Defined in BBYC xPOS Payment Station v1.4 |
| 2.3 | Keyboard arrow keys moves focus through a list. | * Defined in BBYC xPOS UI v1.3 * Defined in BBYC xPOS Payment Station v1.4 |
| 2.4 | Keyboard spacebar selects/deselects radio buttons and check boxes. | * Defined in BBYC xPOS UI v1.3 * Defined in BBYC xPOS Payment Station v1.4 |
| 2.5 | If a mouse is attached to the register, it can be used to select options on the register screen | * Defined in BBYC xPOS UI v1.3 * Defined in BBYC xPOS Payment Station v1.4 |
| 2.6 | If Register or Tablet is unable to reach the designated printer, printer out of paper or for other reason it is unable to print at the designated printer, a message prompts to **retry** to connect to the same printer, **connect to an alternate printe**r from a list or **abort** the transaction. | * Current Functionality |
| 2.7 | The above options in Req.2.6 will be configurable by BBY. | * Current Functionality |
| 2.8 | If User selects **retry,** system sends request to the designated printer. | * Current Functionality |
| 2.9 | If User selects **connect to an alternate printer**, system lists down a list of printers the device can be connected to. | * Current Functionality |
| 2.10 | If user selects **abort**, transaction will complete without printing the receipt. The assoiate can reprint the receipt at another register or payment station.   ~~not complete and will go back to the point where the associates can suspend and resume in another register or tablet payment station.~~ | * Current Functionality |
| 2.11 | A register's designated printer cannot be shared by another device (by another register or tablet). | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.12 | A register will have a designated payment station with all peripherals connected to it (cash drawer, printer, PIN pad, keyboard, scanner, mouse). No other register or tablet will be able to connect to a register's payment station. | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.13 | Devices attached/associated with register are not shared with tablets or payment stations. No barcodes are added to these devices. | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.15 | Cash Drawer is Hard Wired to Registers | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.14 | If the cash drawer is not connected to the Register, the system should still be able to accept cash. | * Defined in BBYC xPOS Payment Station v1.4 |
|  | The ability to accept cash for registers should be configurable. | * 2.2 Features/Functions Configurable by Group or Client |
|  | The register should still have the ability to accept cash if the drawer is not connected. If not connected, the drawer should not automatically open, and the operator would be expected to manually open/close it using a key. | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.16 | Unlike a register payment station, a tablet's docking station/payment station with peripherals (ie. Printer) connected to it can be associated to other tablets and registers when paired or selected from a list (for registers, see req. 2.8 ) | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.17 | Other tablets can use any docking/payment station if available. | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.18 | Registers will always be connected to the designated payment station and there will be no store ability to change it. | * Defined in BBYC xPOS Payment Station v1.4 |
| 2.19 | Registers can use any network printer available but not on another register's printer. | * Defined in BBYC xPOS Payment Station v1.4 |
| 3.1 | For Registers, If the PIN Pad is not available for credit and debit transactions, transaction can only be completed using other MOPs (ie. Cash, GC, RZ Certificate). The Register cannot be paired to another payment station. | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 3.2 | For Tablets, If the PIN Pad is not available for credit and debit transactions, user will be prompted to retry, connect/pair to another payment station in order to complete the transaction, or to abort. | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 4.1 | For Registers, If the PIN/Sig Pad is not available for transactions that require signature and acceptance of Terms and Conditions, user can select to **retry** and connect to the sigpad, or **print information on a chit** with a signature line~~, or abort.~~ Once chit is printed, the system prompts if signature has been captured. | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 4.3 | For Tablets, If the PIN/Sig Pad is not available for transactions that require signature and acceptance of Terms and Conditions, user can select to **retry** and connect to the sigpad, **connect to another** sigpad or **abort** the transaction. | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 4.4 | If user selects **retry**, system sends request to sig pad again. | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 4.5 | If user selects **connect to another sig pad,** system can be paired/connected to another payment station | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 4.6 | If user selects **abort on a tablet,** system requires signature to be captured on the device. | * Defined in BBYC\_xPOS\_Signature Capture FDoc\_v1.5 |
| 5.1 | BBY should have the ability to configure different URLs/ or different versions of the URL based on the device type. |  |

# Appendix : Glossary

|  |  |
| --- | --- |
| **Term** | **Definition** |
| Client ID | Register ID in ePOS environment |
| Client Group | Register Group/Personality in ePOS environment |