# Cash Register

# High Level Requirements Document

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# High Level Requirements

HLR\_00100: Add products

The cash register application shall add products to the shopping basket when scanned

Links: SYS\_00100

HLR\_00200: Display when scanned

When an existing product is scanned the cash register application shall display the product name

Links: SYS\_00200

HLR\_00300: Empty when end

When the cash register application session is ended, the shopping basket shall be emptied

Links: SYS\_00100

HLR\_00400: Generate ticket when end

When the cash register application session is ended, the shopping basket shall generate a ticket

Links: SYS\_00300

HLR\_00500: Cancel session

When the cancel key is pressed the cash register application shall end the session

Links: SYS\_00400

HLR\_00600: Scan process barcodes

The cash register application shall process scanned barcodes for the shopping basket

Links: SYS\_00500

HLR\_00700: Start with empty

When the cash register application starts the shopping basket shall be emptied

Links: SYS\_00100

HLR\_00800: Key in process barcodes

The cash register application shall allow for manually entered barcodes

Links: SYS\_00500

HLR\_00900: Count shopping basket products

The cash register application shall count the number of each product in the shopping basket

Links: SYS\_00100

HLR\_01000: Generate ticket

The cash register application shall generate a ticket of all items in the shopping basket

Links: SYS\_00400

HLR\_01100: Display removed product

When a product is removed from the shopping basket the cash register application shall display the product name via the user interface

Links: SYS\_00200

HLR\_01200: Manage user interface session

The cash register application will start and maintain the User Interface session until it is ended

Links: SYS\_00500

HLR\_01300: Incorporate special offer

The cash register application shall factor in available special offers to calculate the final ticket prices

Links: SYS\_00400

HLR\_01400: Inform end session

Upon the completion of a session, the cash register application user interface shall inform the user that the session has ended

Links: SYS\_00500

HLR\_01500: Display help when requested

When requested through menu selection the cash register shall provide a help menu item with instructions for all sections to guide the user through its use

Links: SYS\_00300

HLR\_01600: User input

The cash register application user interface shall capture all possible cash register user operations

Links: SYS\_00600

HLR\_01700: Display help when incorrect input

When a menu selection is selected that is not in the list of menu options, the cash register application shall display the user interface help

Links: SYS\_00300

HLR\_01800: Print ticket

When a shopping session ends the cash register application shall print ticket totalling the cost for all items in the shopping basket

Links: SYS\_00300

HLR\_01900: Display ticket

When a shopping session ends the cash register application shall display the cash register output to the user interface

Links: SYS\_00200