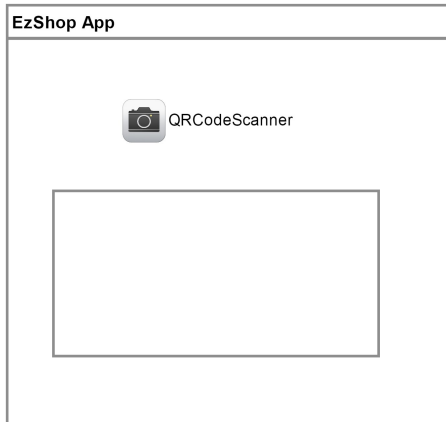When started the EzShop App would scan the CustomerQRCode with QRCodeScanner and
initializes Customers information with an empty list of items and coupons.
The application then automatically launches into Grocery Shopping mode.

EzShop App

 QRCodeScanner

EzShop App

Customer A,40223   customerA@gmail.com

EzShop App in Grocery Shopping Mode

EzShop App in Grocery Shopping Mode

+	-	Add Coupons	Remove Coupons	Pay

Customer A,40223   CustomerA@gmail.com

| + | This button enables the customer to add items to the cart. |

| - | This button enables the customer to remove items from cart. |

| Add Coupons | This button enables the customer to add coupons to the cart. |

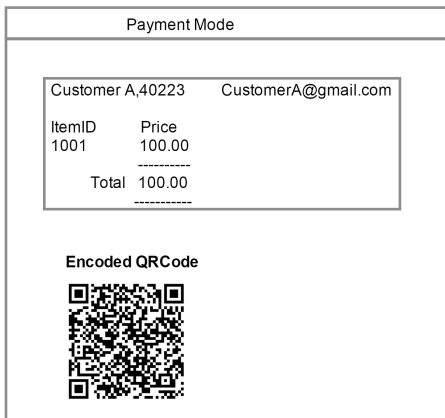| Remove Coupons | This button enables the customer to remove coupons to from cart. |

| Pay | This button encodes the values in the cart into a QRCode. |

EZShop App in + mode

Customer A,40223   CustomerA@gmail.com

ItemID   Price
1001   100.00

In '+' mode, QRCodeScanner is launched and ProductQRCode is read, and
ItemID and price gets added to cart

Payment Mode

Customer A,40223   CustomerA@gmail.com

ItemID   Price
1001   100.00

    Total   100.00

Encoded QRCode

When Customer clicks 'Pay' a QRCode is encoded with all values in the cart
(1) the customer's information (2) the items and coupons lists, and (3) the total
value of the cart computed