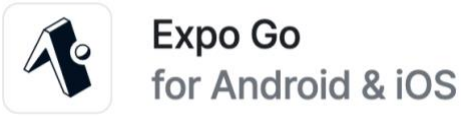
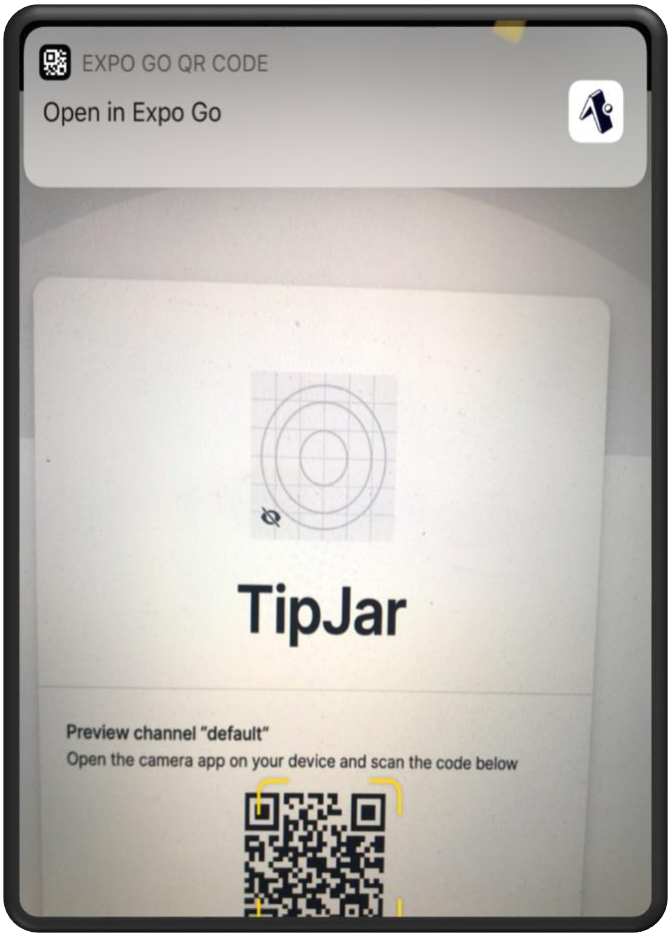
Getting Started

1. Install Expo Mobile App
   Download the Expo Go mobile app on your iPhone.

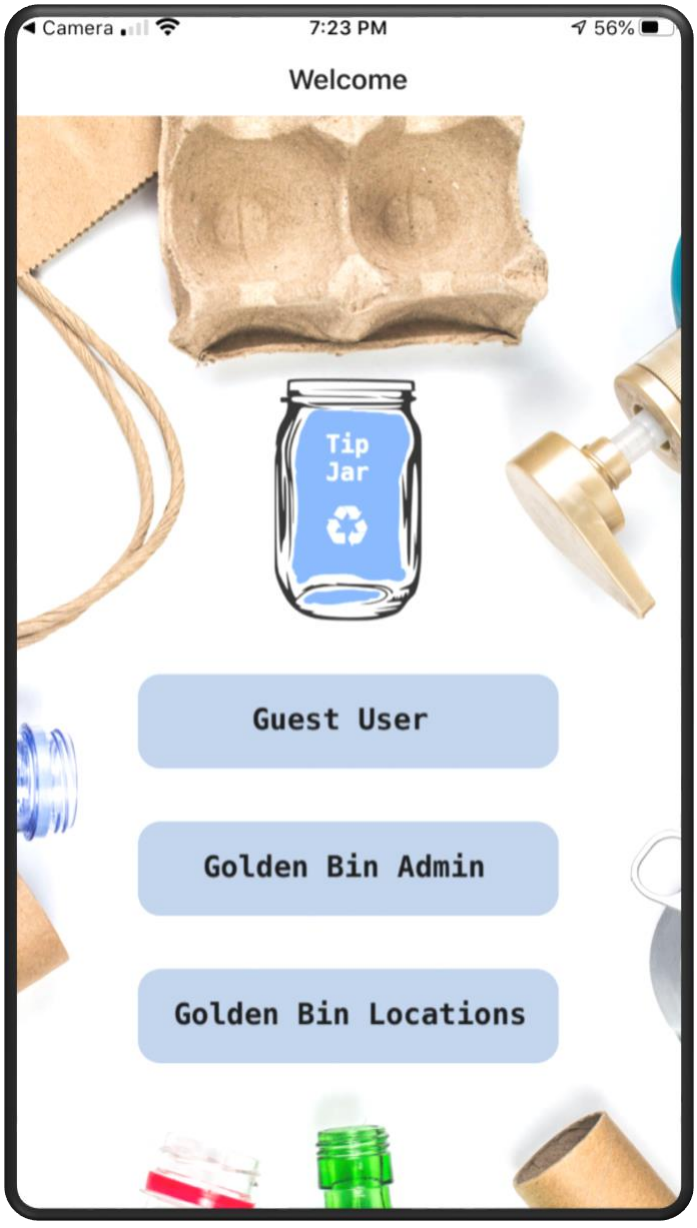


2. Click on the link below. The website contains a QR code. Scan the QR code using your iPhone camera. A drop-down for Expo Go will appear on the camera screen. Click on the drop-down to open the Tip Jar mobile app.

https://expo.dev/@jjourneycake/tipjar



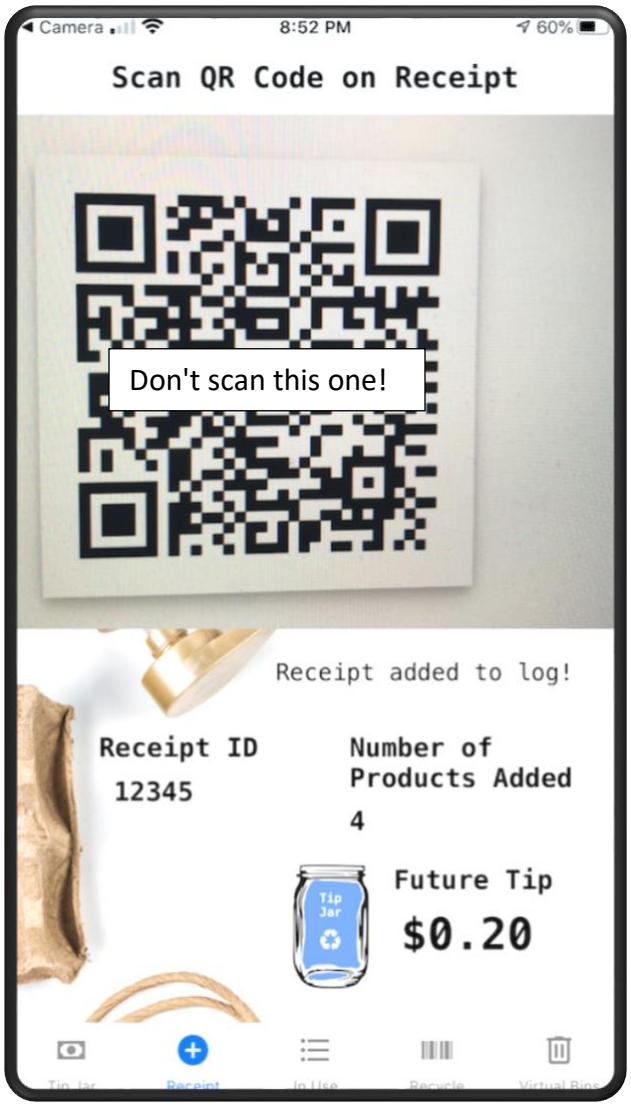
3. If you made it to the login screen (shown below), you are ready to start using the Tip Jar mobile app.



Using Tip Jar - Consumer iPhone Application

Step 1 - Scan Tip Jar QR Code on Receipt

1. Click on the "Guest User" button.
2. Head to the "Receipt" tab of Tip Jar.
3. Scan the Receipt QR code for Receipt 1 below. The QR code contains the list of product barcodes for the products you just "purchased" at checkout.



EXPECT MORE. PAY LESS.

TARGET
550 ARSENAL ST
WATERTOWN
MA
02472

CASHIER: 1234
CUSTOMER: 2222

PURCHASE:

037000130705	$8.99
037000222057	$3.99
011111124257	$6.59
079400066619	$4.49
+% TAX:	$0.00

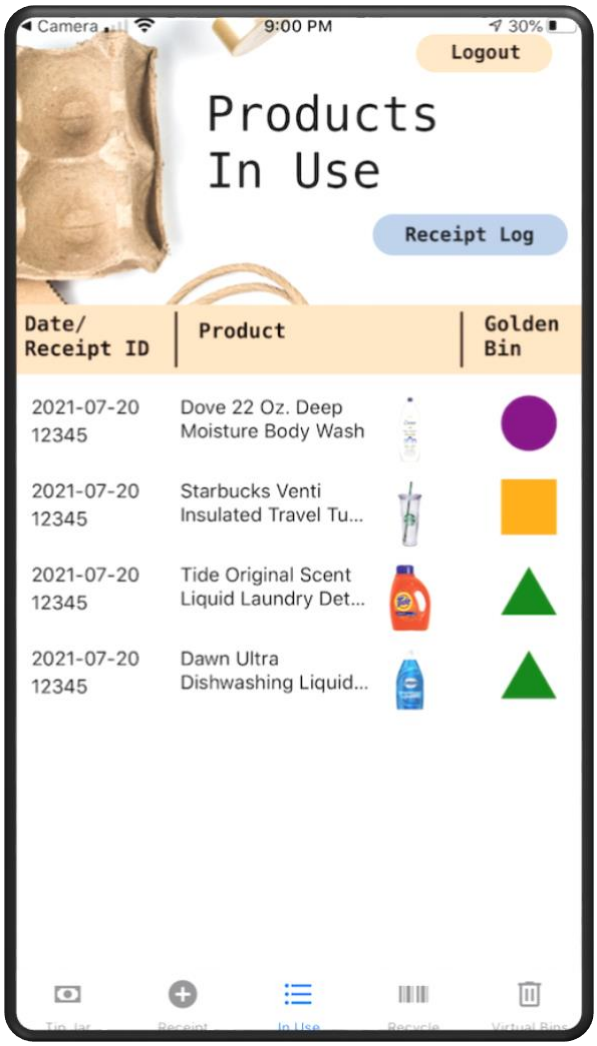
TOTAL: $24.06

PAYMENT METHOD: CREDIT CARD
TRANSACTION #1628871263 -001
DATE:13/08/2021 9:05:59 AM

THANK YOU

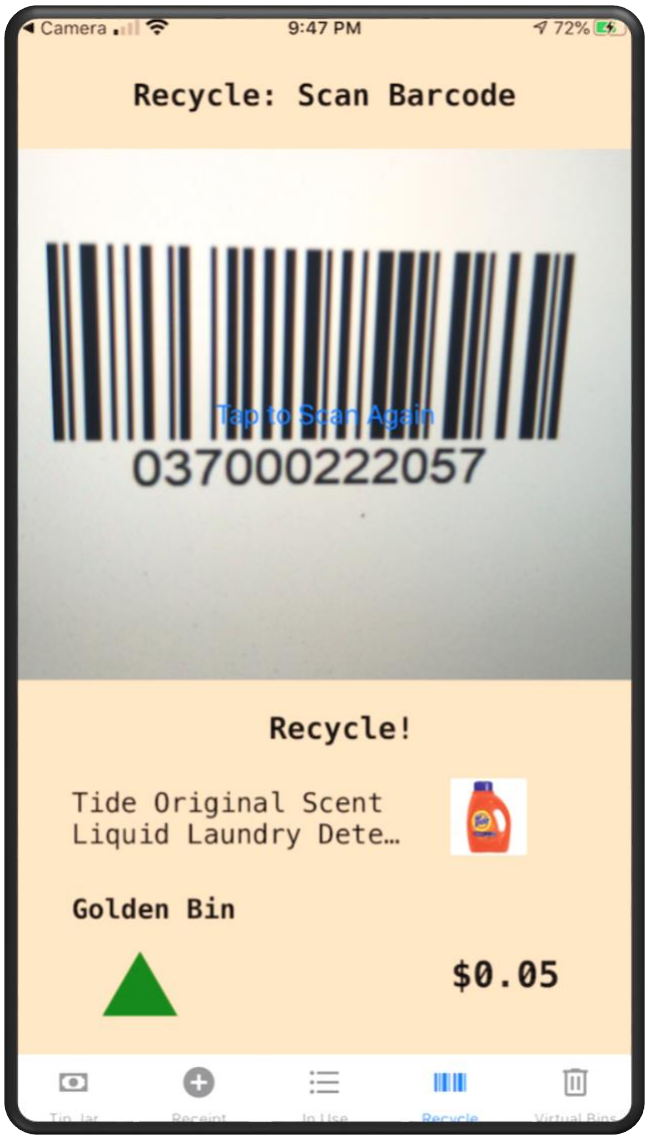
Step 2 - View the "Products in Use" that you can recycle with Tip Jar.

1. Head to the "In Use" tab in the Tip Jar App. Here, you can see the list of products that you have purchased that are eligible for a cash reimbursement upon returning to a kiosk.



Step 3 - When finished with product, scan barcode on product packaging!

1. Head to the "Recycle" tab.
2. To simulate this exercise, I provided the product barcodes for the products you "purchased" from Receipt 1. Scan the barcodes below to identify which Golden Bin they should go in.



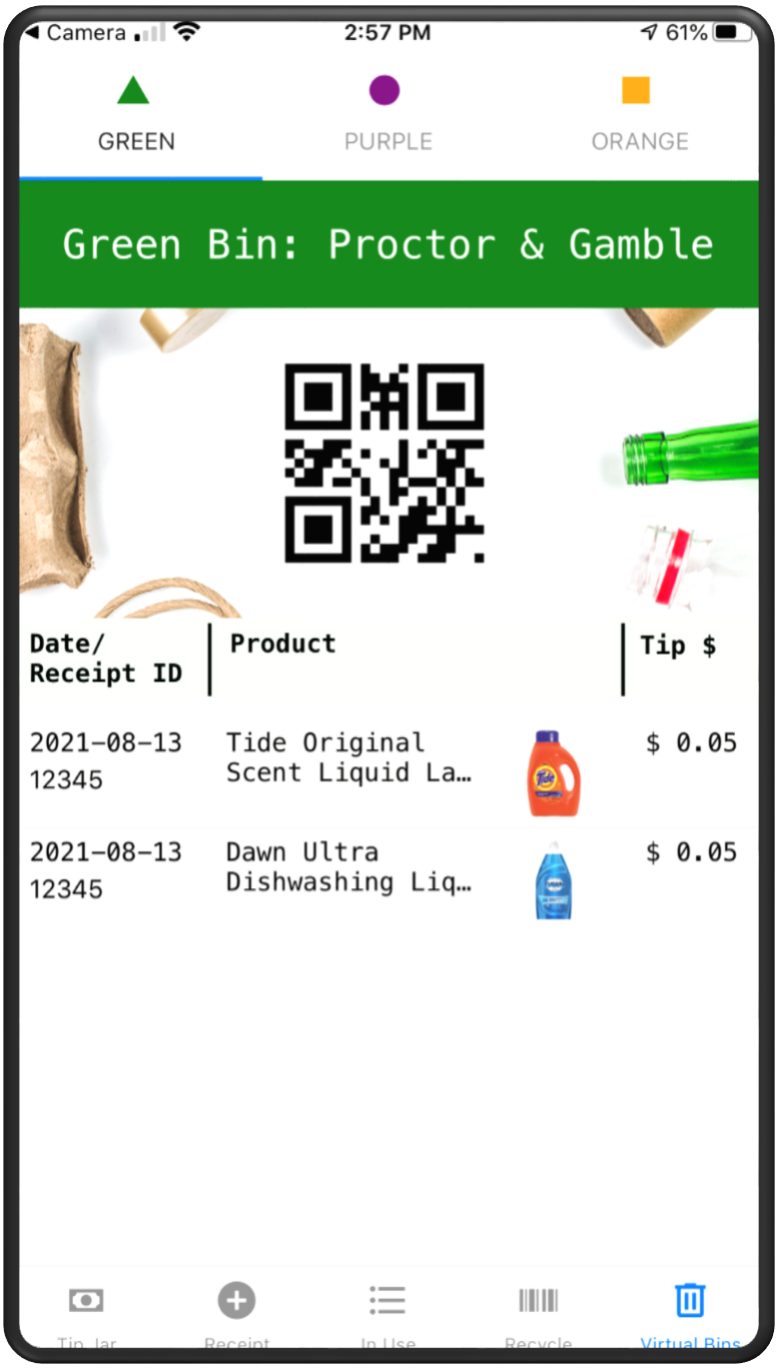
Receipt 1 Product Barcodes

011111124257

079400066619

Step 4 - View Recycled Products in their Virtual Golden Bins (Green & Purple)

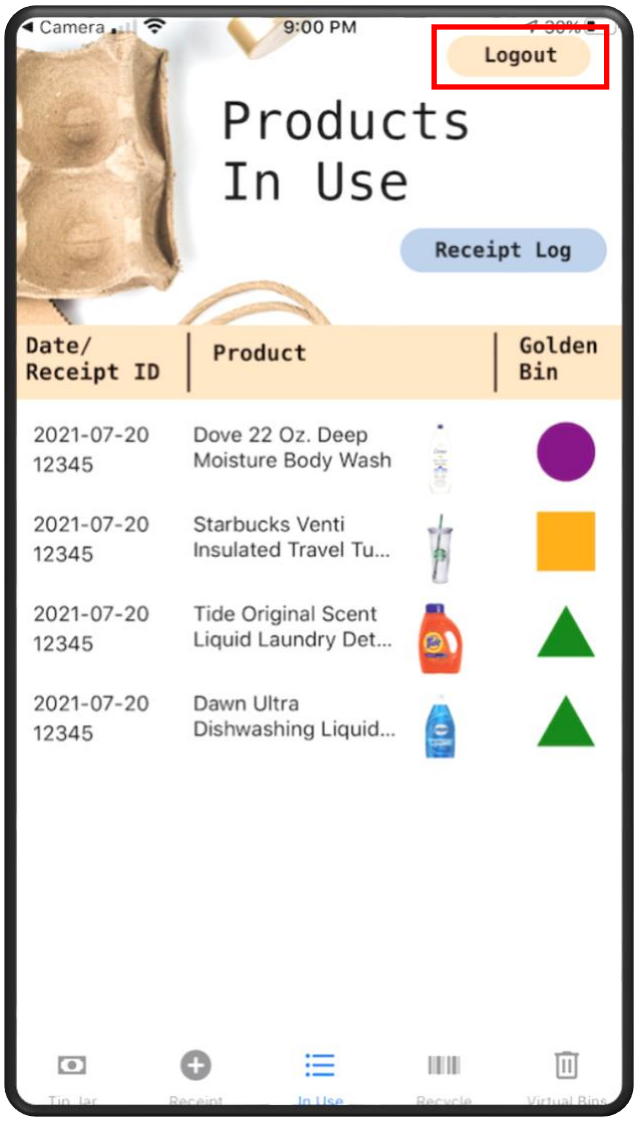
1. Head to the "Virtual Bin" tab and make sure Green, Purple, & Orange tabs to view the products that have been discarded into their according Golden Bin.



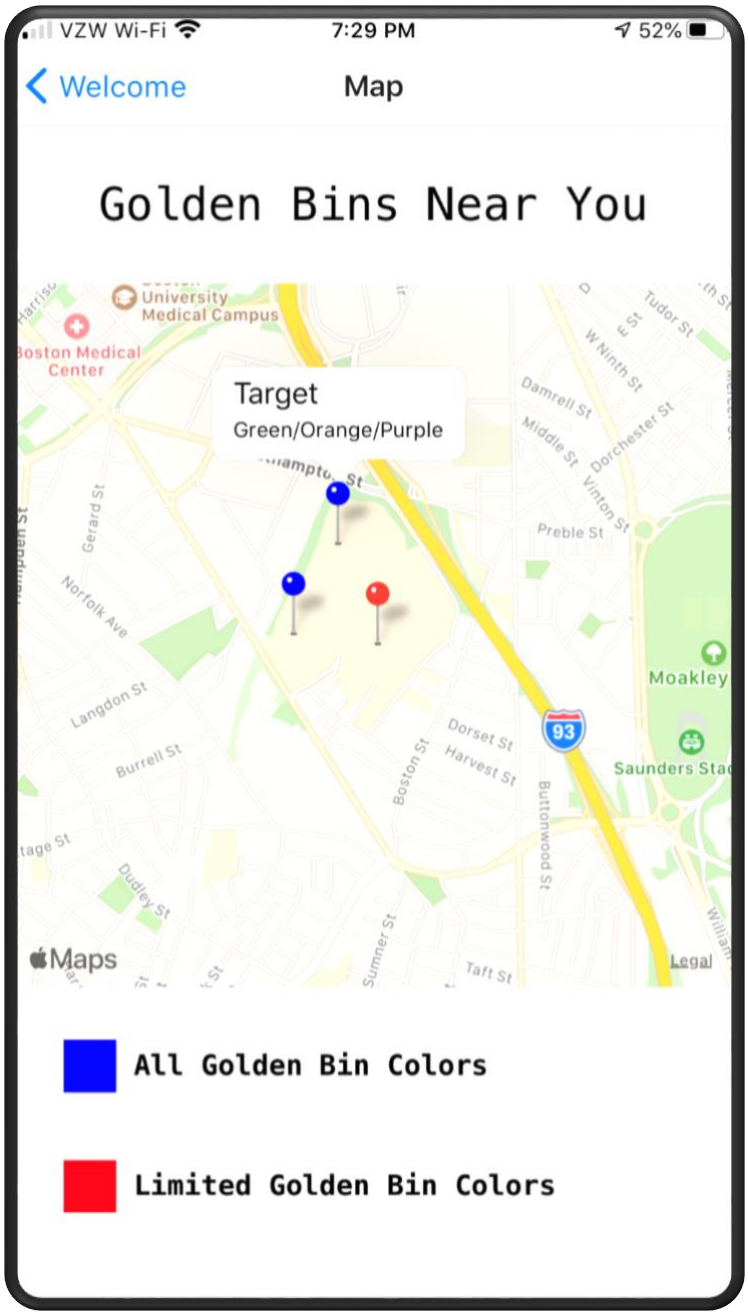
Step 5 - Find a Golden Bin Kiosk Location Near You

1. Now that you have discarded all of your products from Receipt 1 into their Golden Bins, it's time to drop off the products at a Tip Jar Golden Bin Kiosk to receive your cash reimbursement.

2. Log out of the "Guest User" account by clicking "Log Out" in the top right corner.



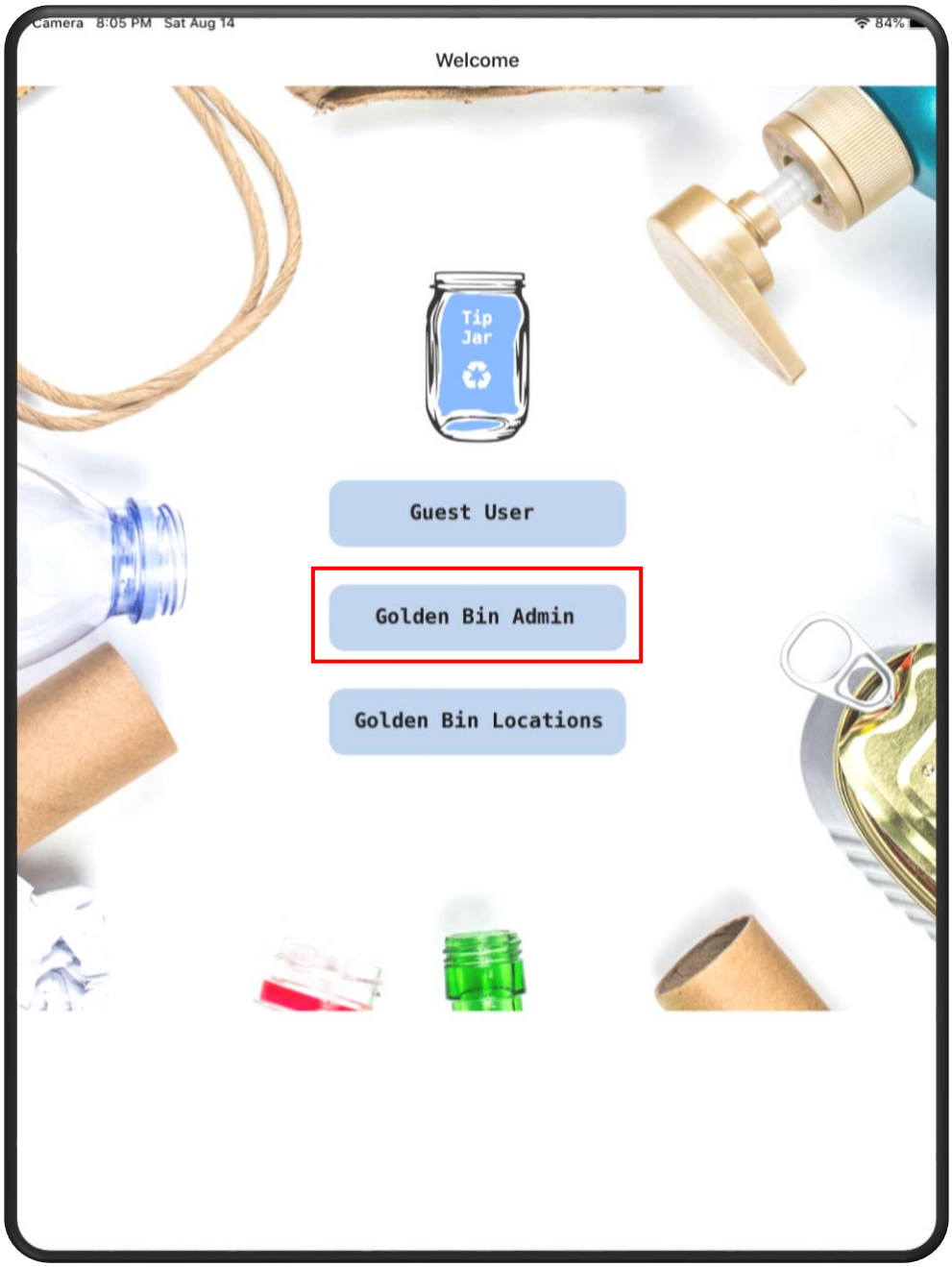
3. Click on Locations Near You to find the Tip Jar Golden Bin Kiosk near you.



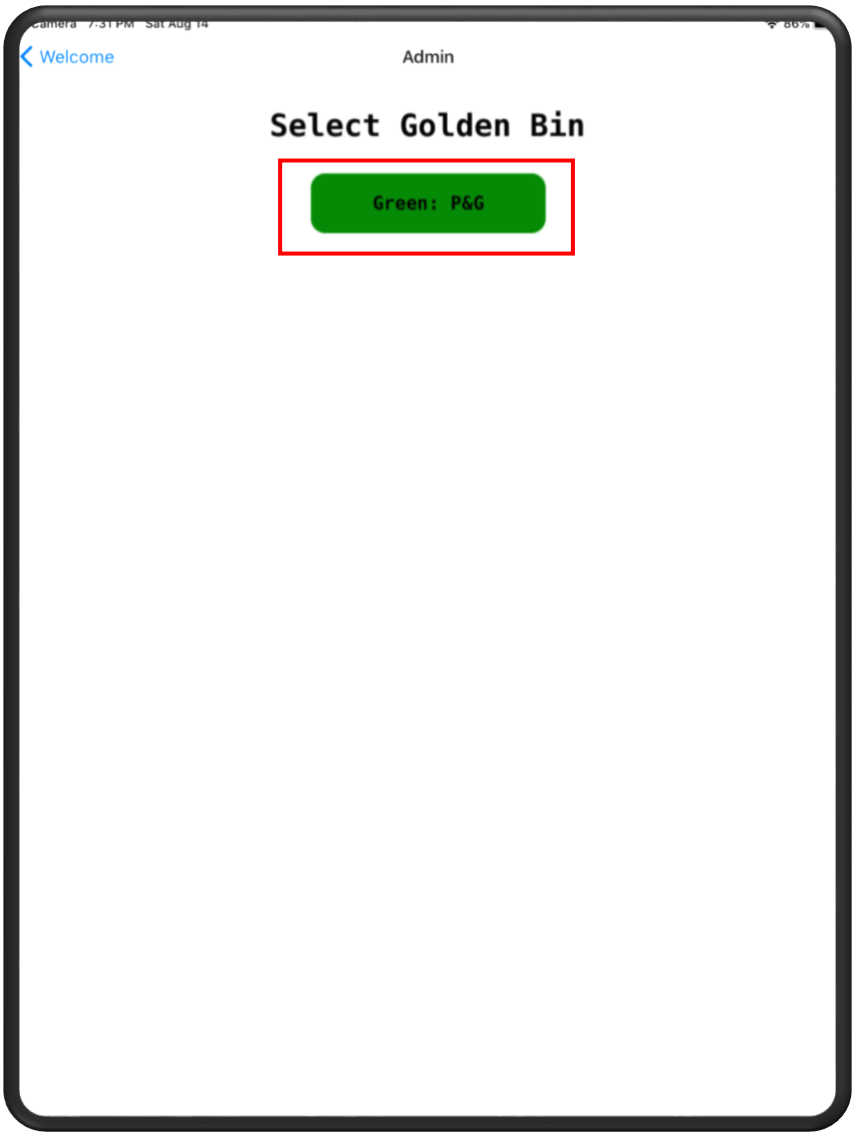
Tip Jar Golden Bin Kiosk - iPad Administrator Application

1. Refer to Getting Started Step 1 & 2 to download Expo Go and open the Tip Jar application on your iPad.

2. Click on "Golden Bin Admin".

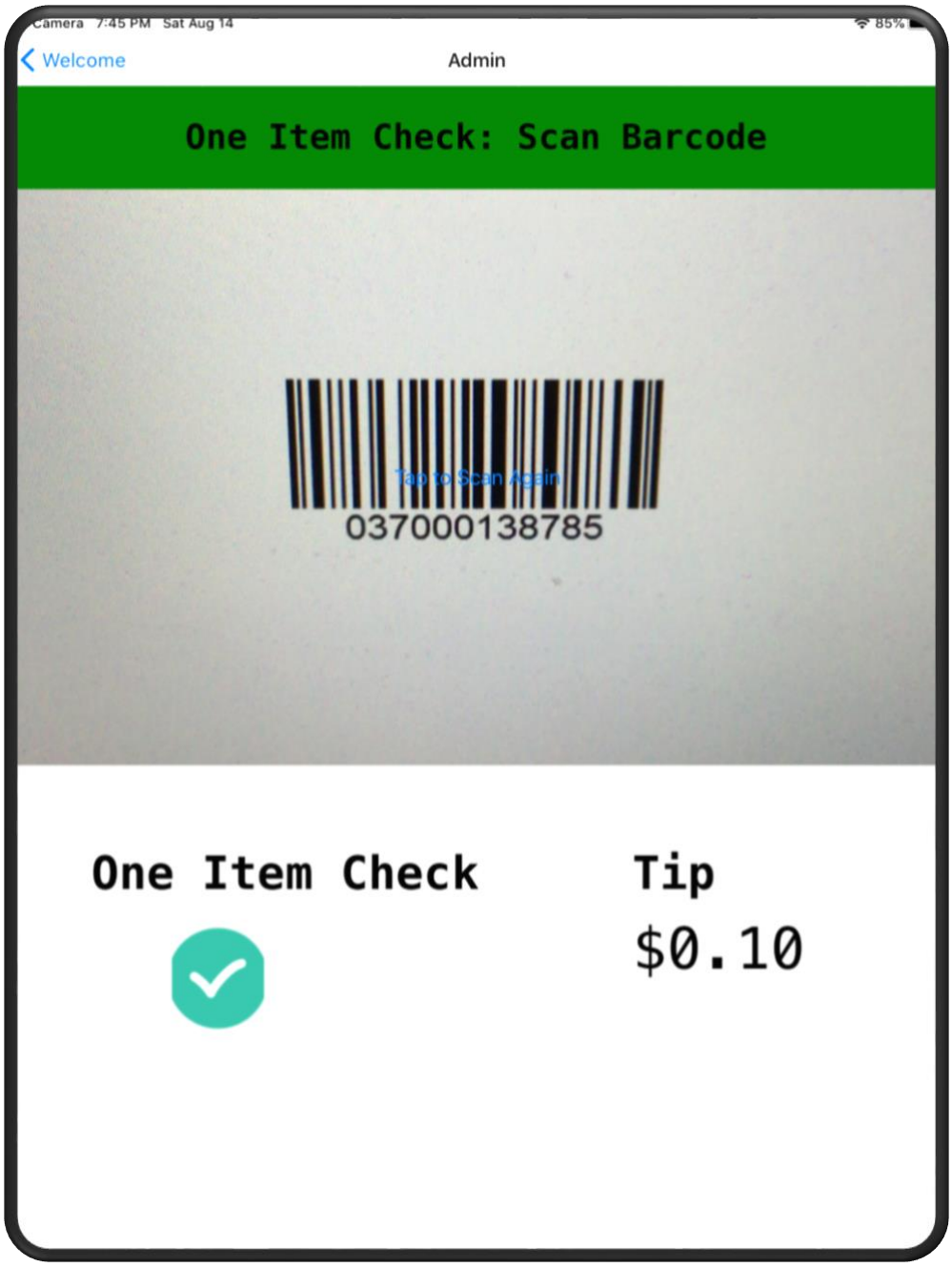


3. Select the "Green: P&G" button.

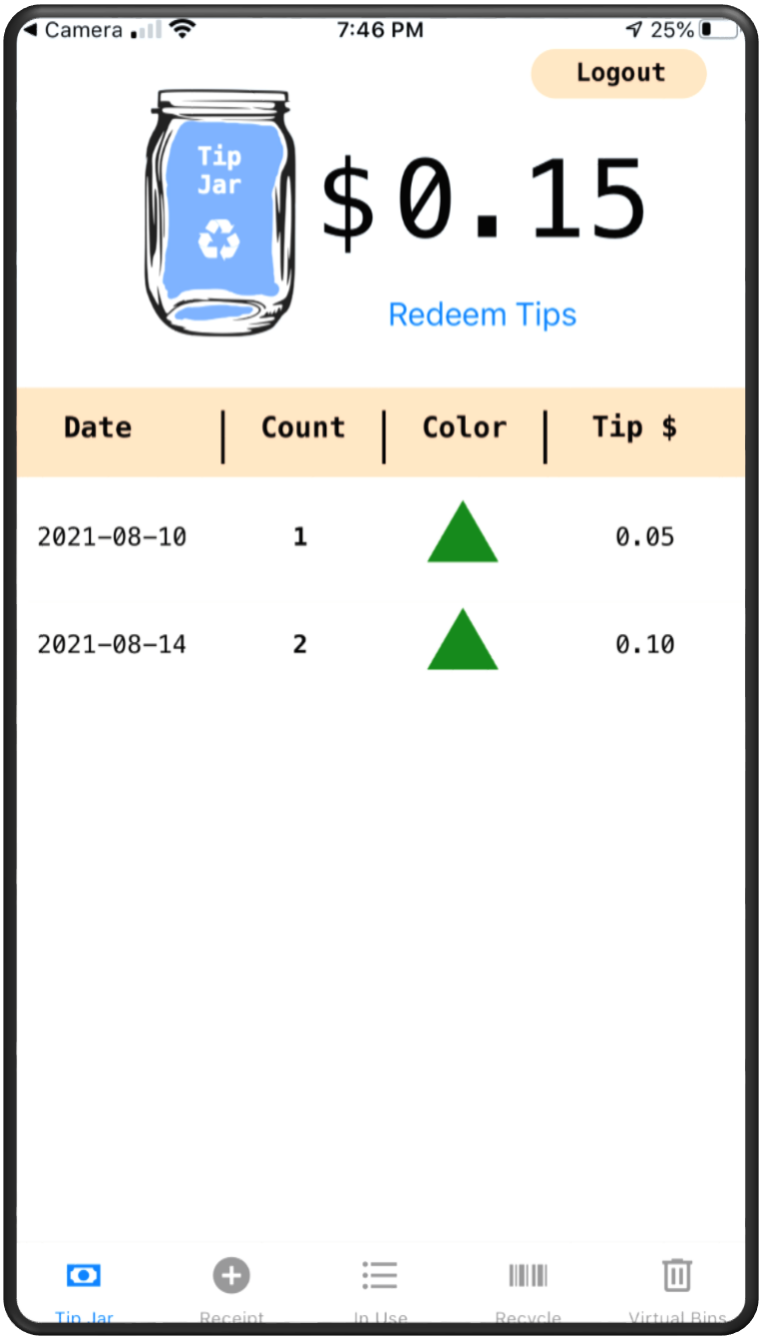


4. Step 1: Scan the Green Bin QR code from your mobile application. Then click "Step 2".

5. Step 2: Scan one of the product barcodes from the Green bin (Tide Detergent or Dawn Dish soap)



6. Congrats! Your tip (cash reimbursement) was added to your Tip Jar in your mobile application. Happy recycling!!



(Optional) Scan Receipt 2 for your Starbucks Reusable Cup!

STARBUCKS

Starbucks Coffee

(Take Away)

1	g:Ginger Bread Latte	$42.0
1	+Hazel(E)	$3.0
1	Skimmed(E)	$0.0
1	Latte:v	$37.0
1	Skimmed(E)	$0.0
1	No(E)	$0.0
1	Foam(E)	$0.0

Order number 209

Official Receipt

Total Amount $82.0

Slip Quantity 1

0762111901767

Key Terms

Golden Bins: 3 trash bins located around the consumer's home. The first is labeled "Green", the second is labeled "Purple", and the third is labeled "Orange." Each of the Golden Bins have a corresponding shape to make labeling the bins easier (Green: Triangle, Purple: Circle, Orange: Square). Example Golden Bin labels are shown below.

> NOTE: The Golden Bin colors are pre-assigned to companies that sign up to use Tip Jar. For demo purposes, the Green Bin is assigned to Proctor & Gamble, the Purple Bin is assigned to Unilever, and the Orange Bin is assigned to Starbucks.

Golden Bin Kiosks: 3 color-coded (Green, Purple, Orange), technology-enabled kiosks that are used for the consumer to drop off their recyclables & reusables at. When the consumer arrives at the kiosk, the kiosk connects to the consumer's mobile app (through a passcode or other security functionality). This enables the kiosk to know which products should be in the Golden Bin the consumer is dropping off. The kiosk requires one item's barcode from the Golden Bin to be scanned for verification. Then, the kiosk approves the reimbursement cash tip to be added to the consumer's Tip Jar.

Consumer iPhone Application: iPhone application used by the consumer to scan Tip Jar Recyclables/Reusables return receipt, view recyclable Products in Use, and sort recyclables into 3 color-coded bins to be taken to kiosks for a cash reimbursement.

Administrator Kiosk iPad Application: iPad application that is assigned a color (Green, Orange, or Purple) and is installed along with a large recycling bin at a store, restaurant, or other accessible area to consumers. This iPad application connects to the consumer's Tip Jar mobile application to identify which items are in the consumer's trash bin. For verification, the consumer scans one item from their trash bin. The kiosk then approves the cash reimbursement and send the cash tip to the consumer's mobile application.