

# BILLSCAN

## OVERVIEW

The Bill Scanner app is a convenient and easy-to-use tool that allows you to scan and bill your products. With the app, you can simply take a picture of your product's barcode with your phone's camera and the app will automatically identify the product and bill it.

## GOALS

1. **Increase user adoption with UI/UX improvement.** The app should be easy to use and should have a wide range of features that users find valuable. The app should also be marketed effectively to reach a large audience.
2. **Improve accuracy and speed of scanning.** The app should be able to accurately identify products and bill them quickly. The app should also be able to handle a large volume of scans without slowing down.

## Challenges

- ❖ Handle large amount of transactions.
- ❖ High performance ( even on low end devices )
- ❖ Exceptional scanning performance of barcodes.

## SCREEN AND NAVIGATION

### Home Screen



### Import Button

This button is used to import files that in csv format which contains the list of the product details along with their barcodes.



No Bill Found



### Add New bill Button



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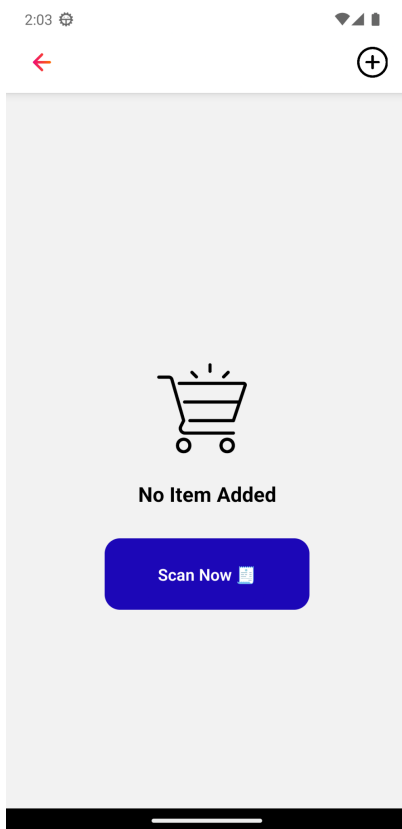
This button allows you to navigate to a screen where you add products to the listing either by scanning the barcode or select the products manually



### Export Bills ( yet to be developed )

This button allows you to export the bills along with the products associated with the bill.

## BILLING SCREEN (WITH NO PRODUCTS)

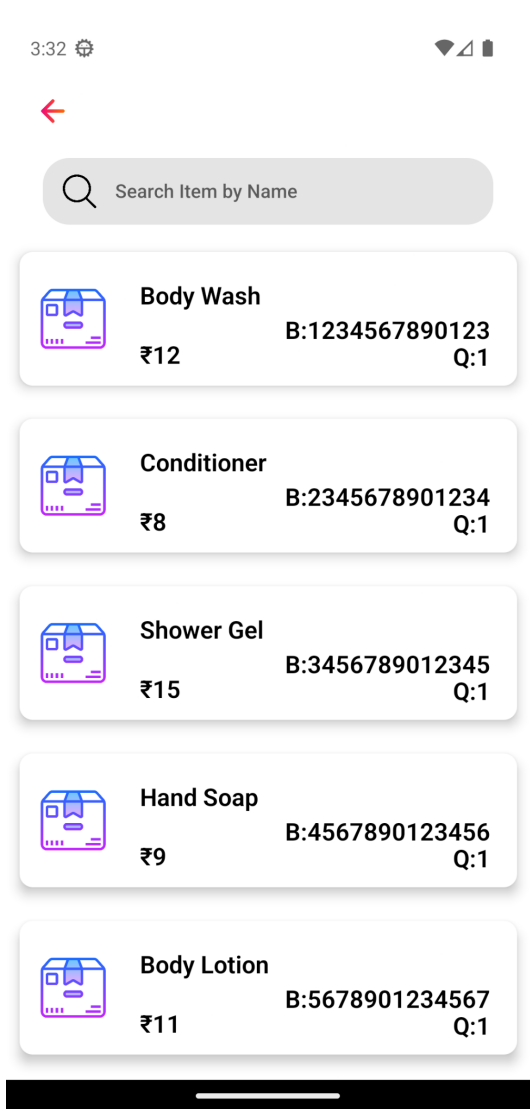


This button navigates you to camera section for scanning codes on the product



“+” navigates you to the list of products in which you can choose products individually

# PRODUCTS SCREEN



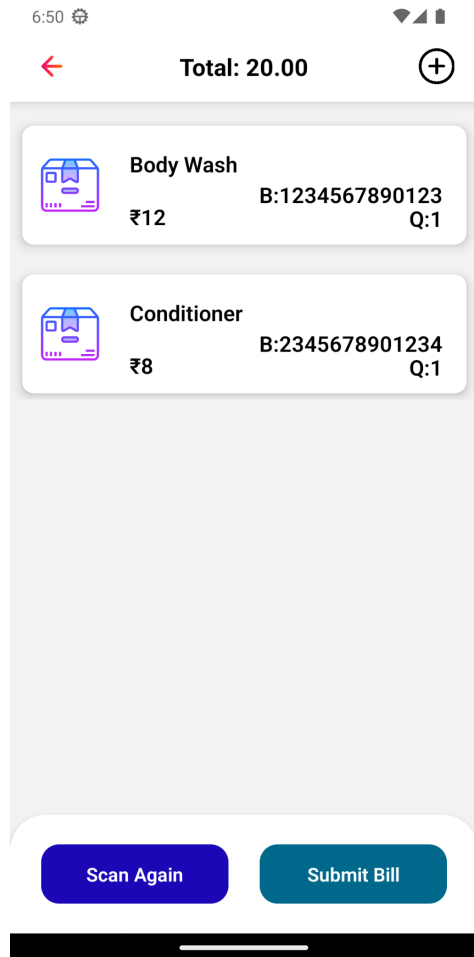
## Product listing

The products are listed here which are retrieved from the csv file along with the barcodes

## Search Bar

The products can be found by searching for them by name.

## BILLING SCREEN (WITH PRODUCTS)



### Product listing

The products are listed here which are selected from the product search menu.

### Scan Again

Scan Again

Scan Again navigates back to scan page to scan for more products.

### Submit Bill

Submit Bill

Submit Bill opens up a dialogue box save the bill with a particular name .

The dialog box for submitting a bill. It features a text input field labeled "Biller Name". Below the input field are two buttons: a dark blue "Cancel" button and a blue "Confirm" button with a green checkmark icon.

to

## BILLING SCREEN (WITH PRODUCTS)



### Bill listing

The saved bills are listed here which are saved from the billing page.

### Export Bill



(under development)

The saved bills submitted from the billing page are listed here.

## NAVIGATION

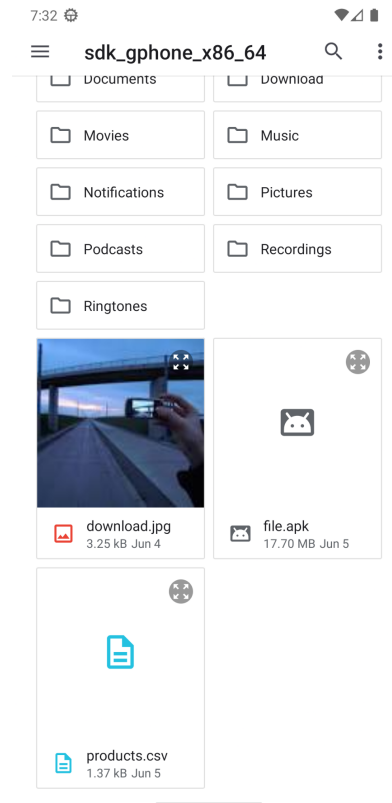
1. Press  to import csv file.



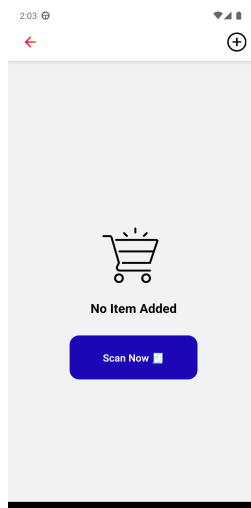
No Bill Found



2. Select the .csv file



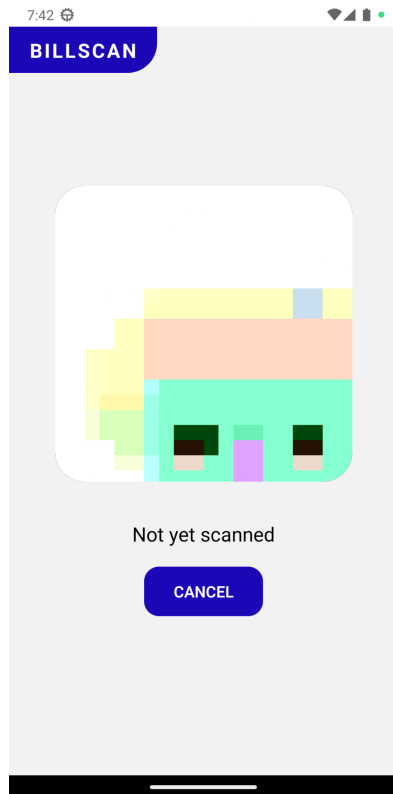
3. After successful import press the “+” to open up the billing page.



4. Press the

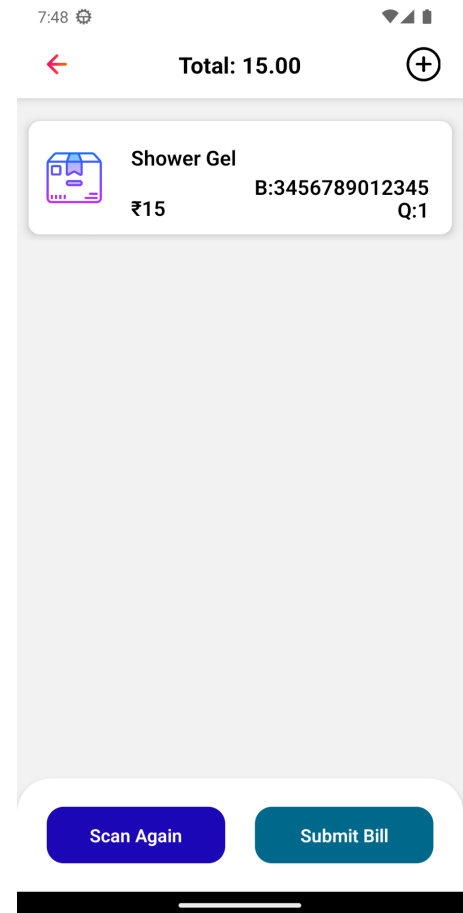


To open up the camera section to scan products

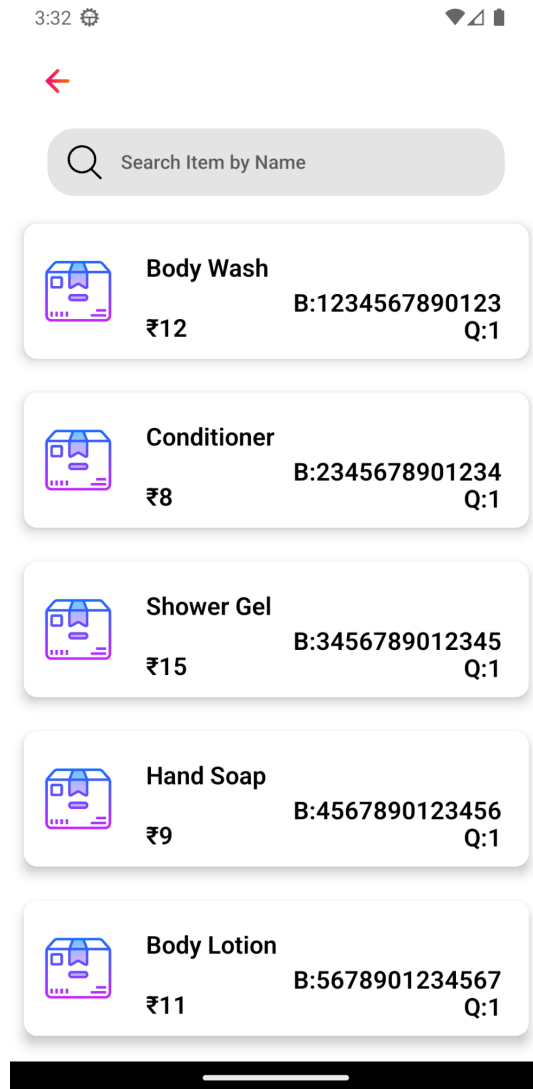


Note: the above center box is the place where the camera viewfinder be placed

5. Once after successful scan the product which have the similar bar code appear



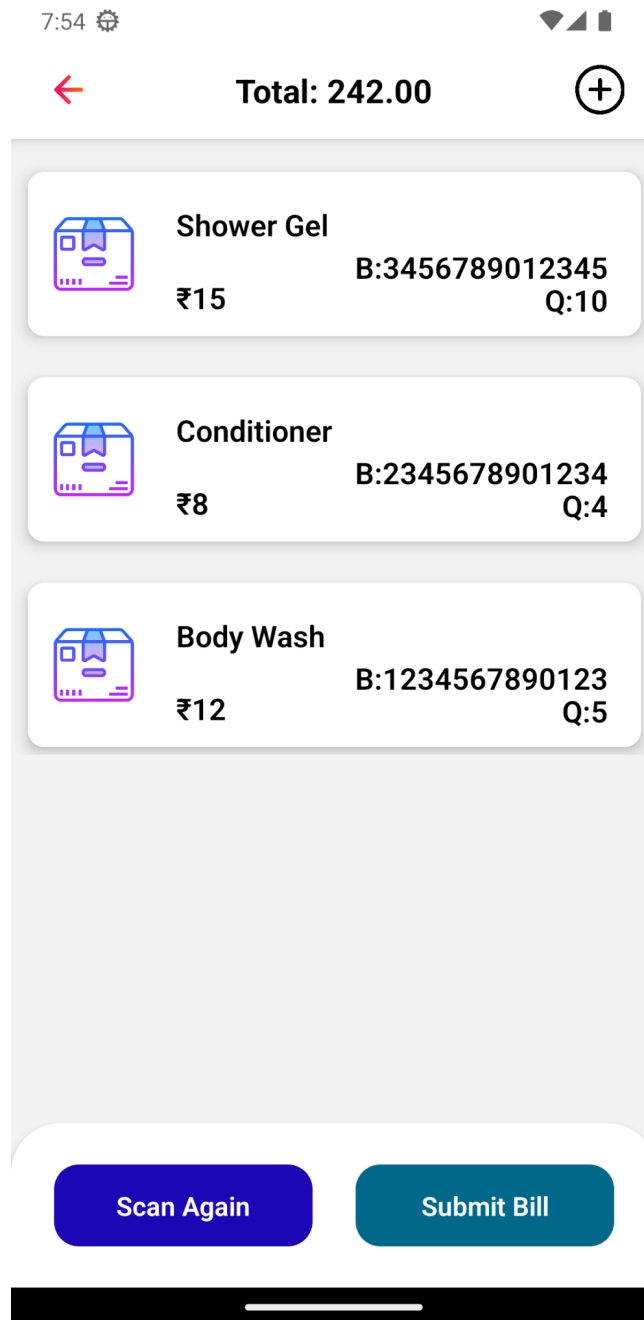
6. You can import products into the billing section by press the  icon and press the product you want to add



Note : You can also manually search for them by product name. To reset the search, delete the entire search and start typing from the beginning.



## 7. You can increase the product quantity by simply tapping the product



**Note:** The quantity reducer and the delete option is currently under development.

8. Finally, press the  
navigated to the

Submit Bill

to submit the bill with a name and you will be  
main screen .

