

## **=>Project Title**

Grocery Android App

## **=>Objective**

Make a Grocery App that can help you in managing your Grocery list.

## **=>Problem Statement**

As we can't remember everything, users frequently forget to buy the things they want to buy. However, with the assistance of this app, you can make a list of the groceries you intend to buy so that you don't forget anything.

## **=>Problem's Primary Goals**

Our Primary Goal is to give the user the functionality of adding items in a cart like interface and give him the ability to add or remove items from this list to better manage his groceries.

## **=>Introduction**

We will be making a simple cart like layout where an add button will give you a popup to add the items and a delete button will remove the selected item from the cart.

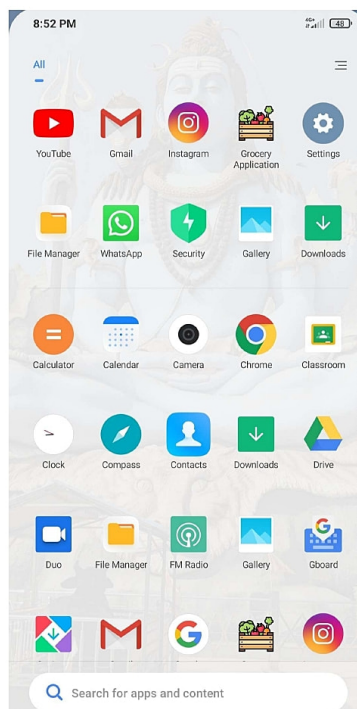
## =>Procedure

- Create the project from a template
- Examine the project structure.
- Run your application to see everything is working or not.
- Start from creating the base layout.
- Create the item interface.
- Add the button.
- Create the popup interface.
- Write the logic to add items to the cart.
- Write the logic to remove items from the cart.
- Write the logic to calculate the total expenditure incurred by grocery items.
- Test your code for bugs.
- Deploy!

## PROJECT REPORT

### =>Expected Outcome

- Open the Grocery App with Vegetables icon.



## PROJECT REPORT

- The cart is empty! Let's add few groceries here.



## PROJECT REPORT

- It asks user to enter Item Name,Quantity and price.

Grocery Application

**Add Item to Cart**

Enter Item name

Enter Item Quantity

Enter Item price

Cancel Add

+

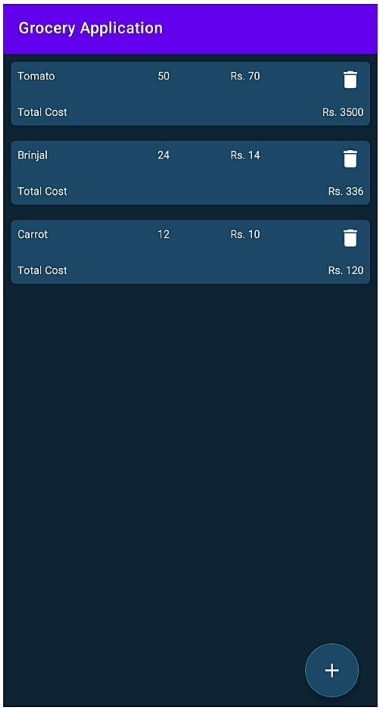
## PROJECT REPORT

- Once the User enters data it will be displayed in App.



# PROJECT REPORT

- User can enter as many items they needed.



## PROJECT REPORT

- Also there is delete Button ,so once user buys item or he/she don't want to buy those items user can delete it(here I have deleted 3<sup>rd</sup> item ie carrot).



PROJECT REPORT

Grocery Application

Tomato	50	Rs. 70	
Total Cost			Rs. 3500

Brinjal	24	Rs. 14	
Total Cost			Rs. 336



## =>Technologies Used

- Android Studio
- Kotlin

## =>URLs

### 1)GitHub URL

- <https://github.com/smartinternz02/SPSGP-104623-Virtual-Internship---Android-Application-Development-Using-Kotlin>

### 2)Video Demo URL

- <https://youtu.be/L2ezhNGv0nA>

## =>Account IDs

### 1)GitHub ID

- <http://github.com/in/04swathi>

### 2)SmartInternz ID

- Username:swathi.19cs102@sode-edu.in

## =>Acknowledgements

- <https://www.geeksforgeeks.org/guide-to-install-and-set-up-android-studio/>

## PROJECT REPORT

- [https://www.youtube.com/watch?v=vdcLb\\_Y71Ic](https://www.youtube.com/watch?v=vdcLb_Y71Ic)
- <https://www.youtube.com/watch?v=p2oHD-06YcM>
- <https://www.youtube.com/watch?v=LgRRmgfrFQM>
- <https://developer.android.com/>
- <https://devlibrary.withgoogle.com/products/android>
- <https://kotlinlang.org/>
- <https://developers.google.com/certification/associate-android-developer>
- <https://developers.google.com/community/gdsc>
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- <https://developers.google.com/community/experts>
- <https://developer.android.com/samples>