

Purpose :

Many time we forgot thing we want to buy. However, with the assistance of this app you can make a list of grocery items you intend to buy so that you don't forget anything and also have a track of your expenditure for budget maintenance.

Existing Problem

Users frequently forget items to buy because of which they have to run to shops again and again which is quite a frustrating and tiring situation and if our expenses crosses out budget while shopping that could be a matter of concern.

Proposed Solution

To overcome this problematic situation I built a grocery app which helps you to list down all the item that you need to buy along with its price.

Software designing

- Windows 10 OS
 - An Android device or emulator
- Android Studio Manage Products Add Product Delete Product

Procedure

I conducted a theoretical background study relating to this problem before designing the application. I took into account the problem people face while buying their groceries and keeping track of their expenditure on this category of expenses. People often use to forget the items they have to buy; they don't know the prices of products beforehand i.e. without visiting a grocery shop or market. On the other hand, there are a lot of users with android smartphones who use apps like to-do lists, etc. which don't help them in assisting this task but rather give them more overhead to research product prices and insert them into the to-do lists app manually. There is the majority of Android users (36.6%) use the android KitKat version, so I have developed my application on this version of android to give support to most users. But the app compatibility is not just limited to the KitKat version, users with older versions or newer versions can use this app without losing any functionality

- Create the project from a template
- Examine the project structure.

- Run your application to see if everything is working or not.
- Start by 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

Output:



