

Build A Grocery Android App

Problem Statement :::

As we can't recall everything, clients regularly neglect to purchase the things they need to purchase. Nonetheless, with the help of this application, you can cause a rundown of some basic food items you to mean to purchase so you remember anything.

Introduction :::

In this project, we are using MVVM (Model View ViewModel) for architectural patterns,

Technologies-Used :::

1. MVVM (Model View ViewModel)

MVVM architecture in android is used to give structure to the project's code and understand code easily. MVVM is an architectural design pattern in android. MVVM treat Activity classes and XML files as View. This design pattern separates UI from its logic. Here is an image to quickly understand MVVM.

2. ROOM Database

Room persistence library is a database management library and it is used to store the data of apps like grocery item name, grocery item quantity, and grocery item price. Room is a cover layer on SQLite which helps to perform the operation on the database easily.

3. RecyclerView

RecyclerView is a container and it is used to display the collection of data in a large amount of data set that can be scrolled very effectively by maintaining a limited number of views.

4. Coroutines

Coroutines are a lightweight thread, we use a coroutine to perform an operation on other threads, by this our main thread doesn't block and our app doesn't crash.

URL =>

Github Url :=> [smartinternz02/SPSGP-56974-Virtual-Internship---Android-Application-Development-Using-Kotlin: Virtual Internship - Android Application Development Using Kotlin \(github.com\)](https://github.com/smartinternz02/SPSGP-56974-Virtual-Internship---Android-Application-Development-Using-Kotlin)

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