About My Grocery Android App

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Problem Statement- Users typically forget to buy the goods they wish to buy because we can't remember everything. But you may use this app to create a list of the items you want to buy so that you really shouldn't miss anything when you purchase them.

Introduction to my project- For the architectural patterns in this project, we are employing MVVM (Model View ViewModel). Database, Coroutines, and RecyclerView space is available for displaying the list of things.

Technologies used in this project

1. **MVVM (Model View ViewModel)**- Android uses MVVM design to organise project code and make it simpler to understand. The MVVM architectural design pattern treats XML files and Activity classes as views. Logic and this design pattern are distinct. Here is a visual representation of MVVM.
2. **Room Database**- A database management library called Room Persistence Library is used to store information from apps such the name, amount, and price of groceries. Room is a cover layer for SQLite that makes it easier to execute database operations.
3. **RecycleView**- By keeping the number of views to a minimum, RecyclerView serves as a container for displaying the collection of data in a huge data set that can be scrolled effectively**.**
4. **Coroutines**- Since coroutines are lightweight threads, we utilise them to execute operations on other threads so that our app doesn't crash or cause our main thread to halt.

Important links related to my projects

1. **GitHub repository link-**
   https://github.com/akbundi/SPS_APL_20220096919_Virtual-Internship_Android-Application-Development-Using-Kotlin
2. **Link of my project's demo video-**

https://github.com/akbundi/SPS_APL_20220096919_Virtual-Internship_Android Application-Development-Using-Kotlin/blob/main/my%20project%20Demo%20video.mp4

3. **GitHub Profile Link-** **https://github.com/akbundi/**
4. **SMARTINTERNZ ID=** SB20220159346
5. **SMARTINTERNZ Public Profile Link-** https://smartinternz.com/student-profile/feed/U0IyMDIyMDE1OTM0Ng==
6. **SMARTINTERNZ's Registered Mail id=** akbundi2@gmail.com
7. **Google Developer's Profile=**
   https://developers.google.com/profile/u/116675354320774590853