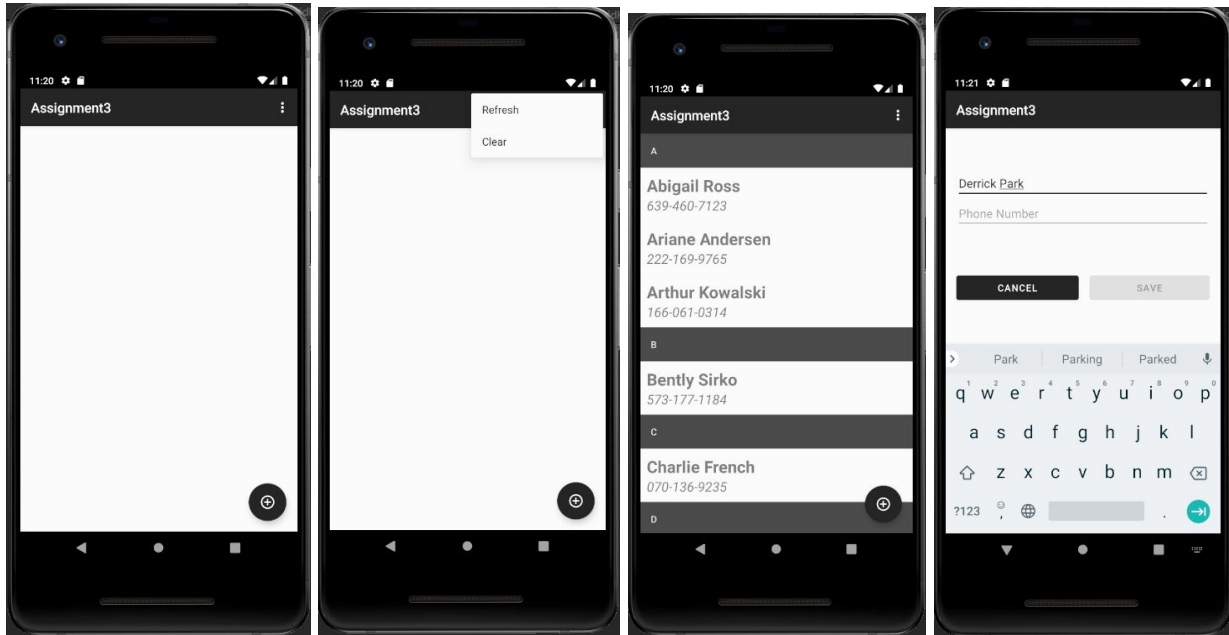


Assignment 2: Contacts

In this assignment, you will be reading contents from a web API and display them on your app screen using RecyclerView. For more details, please watch the demo.



<screen_shot-1>

<screen_shot-2>

<screen_shot-3>

<screen_shot-4>

Requirements

- Your app must **compile** and **run**.
- Your app must use a **RecyclerView** to display contacts.
- Your app must use **Android Architecture Components**.
- Your app must use **MVVM** design pattern.
- Your app must use sections to organize contacts.
- You must read data from the given web API.
 - API: <https://randomuser.me/>
 - [Check out this library: retrofit](#)
- Your app should be able to add a new contact.
- Your app must **store** all contacts using the **Room database**.
- You need to validate user input.
 - Name : Two words (ex. John Doe)
 - Phone : Ten digits (ex. 1234567890)