Android Technical Round

Instructions:

1. Notify the HR when you start and end the test.
2. Email the zipped folder containing your project files to the HR.
3. We would review not just the result, but also the coding style, architecture and necessary commenting. Code cleanliness would impact our decision making.
4. **While sharing the code, please make sure you replace the API Key with a placeholder so as to keep your personal keys unexposed.**
5. It may be possible that below information be partially incomplete on purpose. You can apply your decision making skills to understand and accomplish the task.

Scenario:

With the use of Yelp Business API, find the nearby **restaurants.**

1. You may default the search **location** to "New York City", but usage of current location is recommended.
2. There's a radius slider which allows you to change the **radius** of search. Limits are 100m to 5000m.
3. Apply a pull to refresh so as to reload the results.
4. Apply pagination with max **15 per page** results.
5. It's best to plot the search results by **distance**.
6. The required **API key** can be obtained by signing up with Yelp and creating an app.
7. The bolded words above are the keywords that would be useful in the search:

   term = "restaurants',
   location = "NYC" or "New York City",
   radius = 500 (Int value in meters),
   sort_by = distance.
   limit = 15

Yelp Business Search API:

https://www.yelp.com/developers/documentation/v3/business_search

Note: This is an authenticated request. An **API Key** is needed for the request to work.

Expected UI