

ZOHO - Android Developer Task - Online Task

We will give you the requirements for an App - a simple basic App. You will need to read the requirements carefully, understand and build the App.

You can develop the app in two phases,

Phase 1:

Your App needs to contain 2 screens,

1. Listing screen (list showcasing the news title, description with a 'read more' and a thumbnail image) - with a functional search bar(locally searchable)
2. News screen (which appears on clicking on an item on the listing screen). Display the news in detail - probably on a webview

Use this API - <https://inshorts.deta.dev/news?category=all> from (<https://github.com/cyberboysumanjay/Inshorts-News-API>) to populate the list and **store the data** in a database. Include pagination to load data beyond 10

Phase 2:

Next, incorporate the current weather (including graphics) and/or air quality **at the phone's location** on the first screen (use any API of your choice). Implement the right way for seeking user's permission for location covering all the cases across all versions of Android 6.0 upwards.

Make it as whole an App as possible. We will be evaluating the following things,

- The Design (simple, beautiful and professional, nothing too fancy)
- Animation and smoothness (don't overdo it!)
- Correctness of data
- It should work on all orientation
- Preference to Kotlin
- Kotlin language proficiency (be ready to explain about them in-depth too!)
- Architecture usage (defend your decision)
- Small details like what happens when the photos are loading, how correctly the

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splash screen is implemented, search functionality, graphical representation for weather etc.

- Effective use of data storage

Skills that we're looking for in this round,

- App building - not the same as coding - building it as an App, making sure the user gets the best version, including UX
- Communication - how well you can communicate your work both technically and with the user's perspective in mind
- Knowledge on Android Technologies - have you been updating yourself
- Coding proficiency - how clean the code is and how well you have implemented architecture in your code

You will need to send us 5 things,

1. Video of the working prototype of the App with explanation audio, preferred (uploaded to youtube as unlisted and link shared with us or as an attachment). not more than 2 mins.
2. The APK of your App
3. Link to the GitHub repository of your code
4. Your code as Zip file (just in case)
5. List of impressive things that you have implemented in your code that will work in your favour during our evaluation

If you couldn't understand any part of the above instructions, you may write back to us (**remember to always hit 'Reply to All' while doing so**).

Once your submissions are in,
if you are shortlisted, we will be having an **in-depth discussion** on the code that you wrote.

Deadline - As mentioned in the body of the mail (sooner the better, but the quality is more important)

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Whats Next?

After successful submission of your code, we will review it and if it passes our checks, we will call you for a discussion to our campus in Chennai.