

Zoho - Android Developer Task

We will provide you with the requirements for a simple, basic app. You will need to over and understand the requirements before building the app.

This is an employee management application designed for three different categories of users.

If an admin logs in:

1. **Dashboard screen**

Displays the number of employees, teams, and the last 5 employees who joined. (Optional feature: A graph to show the employee count for each team. Use third party Libraries if needed.)

2. **Listing screen with employee add option**

A list showcasing the employee name, designation, team, salary, and a profile image.

3. **Settings screen**

Sign out.

(Optional feature: Space for your creativity.)

If a manager logs in:

1. **Dashboard screen**

Displays the number of employees in their team and the last 5 employees who joined their team.

2. **Listing screen**

A list showcasing the employee name, designation, team, salary, and a profile image. The list should be restricted to show only their team members.

3. **Settings screen**

Sign out.

(Optional feature: Space for your creativity.)

If an employee logs in:

1. **Detail screen**

Displays the employee's own details.

2. **Settings screen**

Sign out.

(Optional feature: Space for your creativity.)

Instructions:

1. Your app needs to include screen navigation using **NavGraph**.
2. Add a **search bar** to the listing screen, allowing for local searches.
3. Add a **filter** in the listing screen to filter employees by team.
4. Use Room or SqlDelight database to store and retrieve the data locally. No need for remote data storage.
5. (Optional feature: Implement pagination to load more than 10 items.)

It is recommended to use the following technologies:

- **Language:** Kotlin & Jetpack Compose
- **Architecture:** MVVM / MVI
- **Database:** SqlDelight / Room
- **Image Library:** Glide

Skills we are looking for:

- **App building:** Not just coding, but ensuring the app is user-friendly and provides the best version, including UX.
- **Communication:** How well you can communicate your work both technically and from a user's perspective.
- **Knowledge of Android technologies:** Demonstrating that you are up-to-date with the latest trends and tools.
- **Coding proficiency:** Clean code and proper architecture implementation.

Be prepared with the following for the interview:

- The APK of your app.
- A link to the GitHub repository containing your code.

If you have any questions or need clarification on any part of the instructions, please feel free to write back to us. (Remember to always hit 'Reply to All' when doing so.)