Android App Development Internship Task List

Internship Pre-requisites before starting your tasks:

1.LinkedIn Profile Update: Ensure that your LinkedIn profile is updated to reflect your technical skills, and update your experience section to include **"ShadowFox Android App Development Intern."**

2.LinkedIn Post: It's not mandatory to post the offer letter on LinkedIn, but if you wish to receive **extra swags** at the end of the internship, you can post your offer letter and **tag us** to receive assured swags.

3.GitHub Repository: You are required to create a separate GitHub repository named **"ShadowFox"** for all tasks. You can use any IDE to write your code and upload it to the respective repository.

4. Completion of Tasks: Complete the required tasks as specified in this Task List.

5. Proof of Work: At ShadowFox, we value **Proof of Work** (POW). You are required to post a video explanation of your respective tasks in LinkedIn. Screenshots must be submitted during your task submission.

After completing all the above steps, proceed with your task completion.Kindly note that all the details and screenshots you submit will be thoroughly verified.

Task Level (Beginner): (Mandatory to do both tasks)

1. Simple Login Page redirect to welcome page: - Develop a login page with input fields for username and password. - Implement basic validation to check for empty fields and display appropriate error messages.

2. Basic Calculator App: - Create a calculator application with basic arithmetic operations. - Ensure intuitive user interaction and clear display of results.

Task Level (Intermediate): (Do any 1 out of 2)

1. Weather App with Forecast Display:
    - Integrate with a weather API to fetch and display weather forecasts for a specified location.
    - Design an intuitive interface for users to view current weather conditions and forecasts.
    - Implement asynchronous data loading to ensure smooth app performance.

2. To-Do List App with Priority Sorting:
    - Build a to-do list application allowing users to add, delete, and mark tasks as complete.
    - Implement priority sorting to organize tasks based on their importance.
    - Utilize RecyclerView for managing the task list efficiently.

Task Level (Advanced): (Do any 1 out of 2)

1. Facebook Integration App in the login page with Post Sharing or with profile picture :
   - Integrate with a social media platform's API to fetch user data and display feeds.
   - Implement features in another activity with the User name(Your Name) and a profile picture.
   - Ensure seamless authentication flow and secure handling of user data.

2. Fitness Tracking App with Custom Goals:
   - Develop a fitness tracking application using device sensors to monitor activities.
   - Allow users to set custom fitness goals and track their progress.
   - Provide visualizations and insights to help users analyze their fitness data effectively.

Resources: https://roadmap.sh/android