
Android Developer Test Project

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Overview

A sample project to test the basic understanding of writing android apps, creating database in firebase and rendering data to frontend (android app).

Submission Guide

The project should be hosted on your github profile with repository name **mounty-android-test**. While submitting the project please provide the github repository link.

Your Repository must have a Readme.md file documenting the setup and access guide. You may attach extra pdf or doc file explaining about the database, technologies used and why?

The code must be buildable on latest Android Studio.

Goals

1. Create/Design a database to hold products. Products should include:
 - a. Product title
 - b. Product description
 - c. Product cost price
 - d. Product selling price
 - e. Multiple images for the product
2. Create a android screen to insert and upload images to firebase cloud storage.
3. Create a android screen with lazy loading of products that were stored in firebase. (Lazy Loading meant here is as user scrolls through products, products should load, All products should not load at once)
4. Product Checkout as guest with initial data from user and order screen with order id creation in Backend

Specifications

1. Creating of products must allow to upload multiple images of products and along with other information mentioned above.
2. Viewing of products must list all products with lazy loading.

3. There should be a product details page where product can viewed individually with all the images.
4. User can enter their initial data and buy Product with order id creation at backend

Technologies to be used

The technologies to be used is restricted with:

1. Kotlin (recommended) or Java

Feel free to use any open source code and/or frameworks like Dagger, Android Jetpack, Android Annotation, etc. Any extra implementation like validations, image compression are welcome and will be applauded.



GOOD LUCK