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Title: Android Fitness App

Technology: Google fitness API, Java, ZXing Barcode scanner library, Android Studio, Github, Other various APIS, (more technologies to be added in time)

Description:
This project is a fitness app that will be developed in android studio. I will be implementing mainly the google fitness API to track movements, steps etc. Their will be a login system which i may include the option of logging in with facebook. I will also be trying to incorporate barcode scanning to keep track of calories for certain meals. Also i will be developing multiple "goal" body styles such as lean, weight gain or lose weight , the user can select which profile they would like to have and the app will suggest certain meals and recommended daily calories for each profile. This will work by having the user enter their current weight and their desired goal weight and based on their activity level I will be making calculations to determine the workload needed to achieve the goals. The user will be able to add their foods to a "Food diary" which stores data they have entered. Also a customisable recipe book where the user can create and save their favourite meals so that they do not have to enter the calories of their favourite dishes everytime they make them. I would like to also implement a route planner for walks or jogs using gps or i will provide the user with a map of where they just ran or walked and the distance that they have covered on the journey. I want to also make this app multi-lingual and have the usual things you would find in most apps such as a "settings" menu and a "help" menu. I will also have many exercises in the app with how much calories they burn per rep and per set so that the user can add them to their workouts without having to calculate the calories burned themselves. As I progress in development I will be adding more functionality to the application than i have stated here and also I may have to remove some functionality that is also listed here due to implications..