



SENIOR FLUTTER DEVELOPER TEST

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The objective of this task is to create a basic application that can track a user's workouts. There should be two screens:

Workout screen

On this screen, the user can record the details of a particular workout. A workout consists of one or more sets and each set is made up of one or repetitions. For each set the user should be able to select an exercise from the following list: Barbell row, Bench press, Shoulder press, Deadlift, Squat. They should also be able to select the weight used and the number of repetitions performed. Example of a single workout:

- Set 1: Bench press - 40kg, 10 repetitions
- Set 2: Bench press - 45kg, 8 repetitions
- Set 3: Bench press - 50kg, 8 repetitions
- Set 4: Deadlift - 70kg, 8 repetitions
- Set 5: Deadlift - 75kg, 6 repetitions

Workout list screen

This screen should show a list of all the workouts the user has recorded. They should be able to delete any of the recorded workouts. Clicking on an item should take the user to the workout screen where they should be able to make edits and change any detail of that recorded workout i.e. adding/removing sets or changing the details of an existing set.

We expect an app that is easy and intuitive to use. You do not need to spend too much time on creating a flashy UI.

TESTING

Please implement a range of tests demonstrating unit, widget, and integration testing. Full coverage is not required.

SUBMISSION

Please submit a link to a public Git repository containing all files along with a README explaining your architectural choices and the reasoning behind your use of third party packages.

Your submission is to be emailed to: **engineering@magic.fit**