

Software Development for Mobile Devices 6.2D

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Trackie

Trackie is a weight tracking progress app designed to visually represent the weight of the user in their weight gain/loss journey.

Classification: Utility

Audience: People who are aiming to reach a desired weight.

The Product: Stores previous weights giving an accurate representation of previous and future weights.

Solves: The problem of people losing motivation in the weight gain/loss journey due to an inability to see hard proof of their progress.

Unlike: Calorie Counting apps

Different: Trackie is made to be very simple for users, and will encourage them to spend as *little* time on our app as possible.

Core Features

Trackie will be able to do the following:

- Store and load weight data.
- Display this data as a graph over time
- Predict future weight over a given time
- Calculate different weight units (lbs to kg)
- Calculate BMI
- Calculate, based on average intakes, the amount of time to achieve a desired weight based on daily intake from a given weight.

Possible Constraints

- The average user not being the most technically advanced
- Effective data storage and app size
- Must be able to cover a large range of Android devices and releases