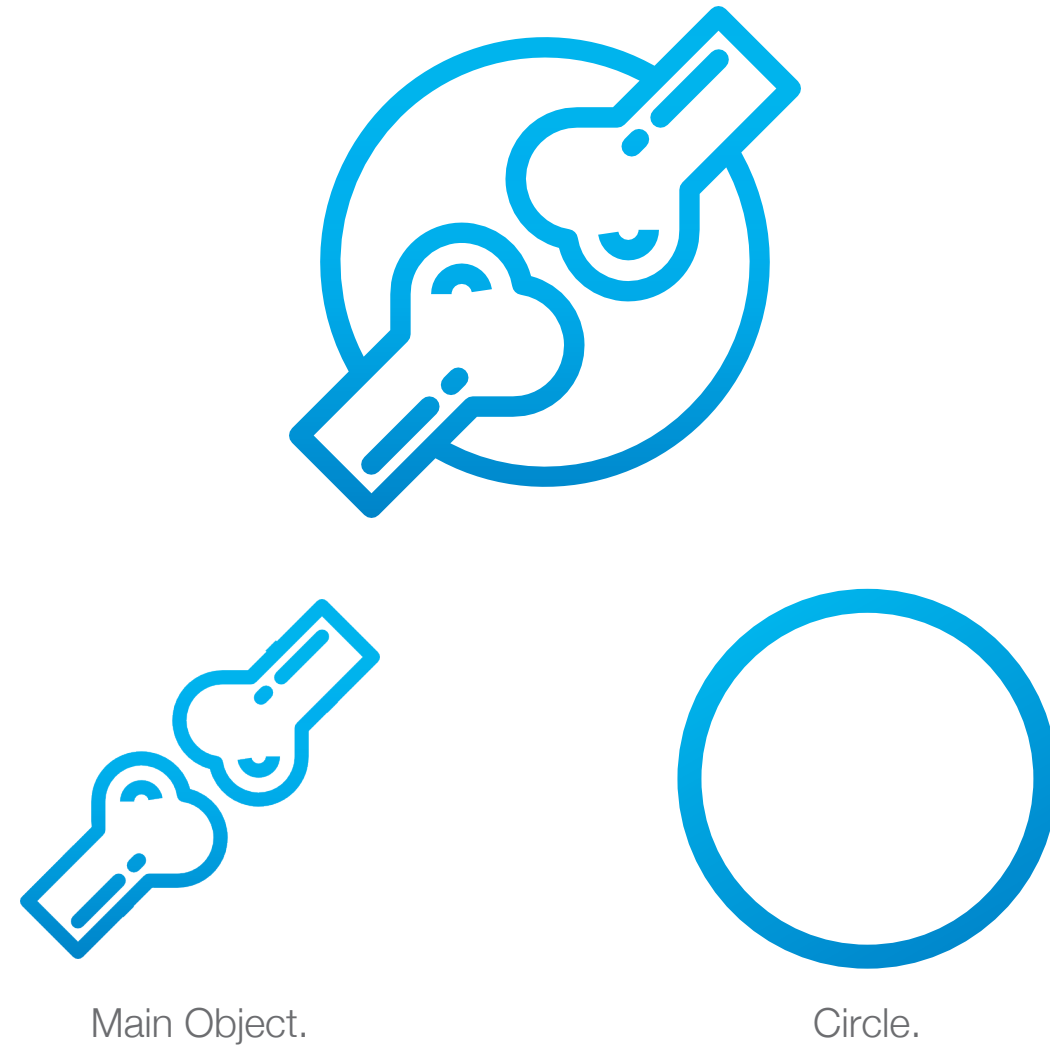


1 Logo Concept

Logo concept is simple and is aimed to reflect the purpose of the app visually. Main object is an abstract shape that represent two bones close to each other from the joints. Also a circle is used to connect the bones in the background because the circle represents the notion of totality, unity and completion. The color blue is used because it is the color of rheumatoid arthritis.



2 App Screens



Intro page is a simple blue background with logo in the middle

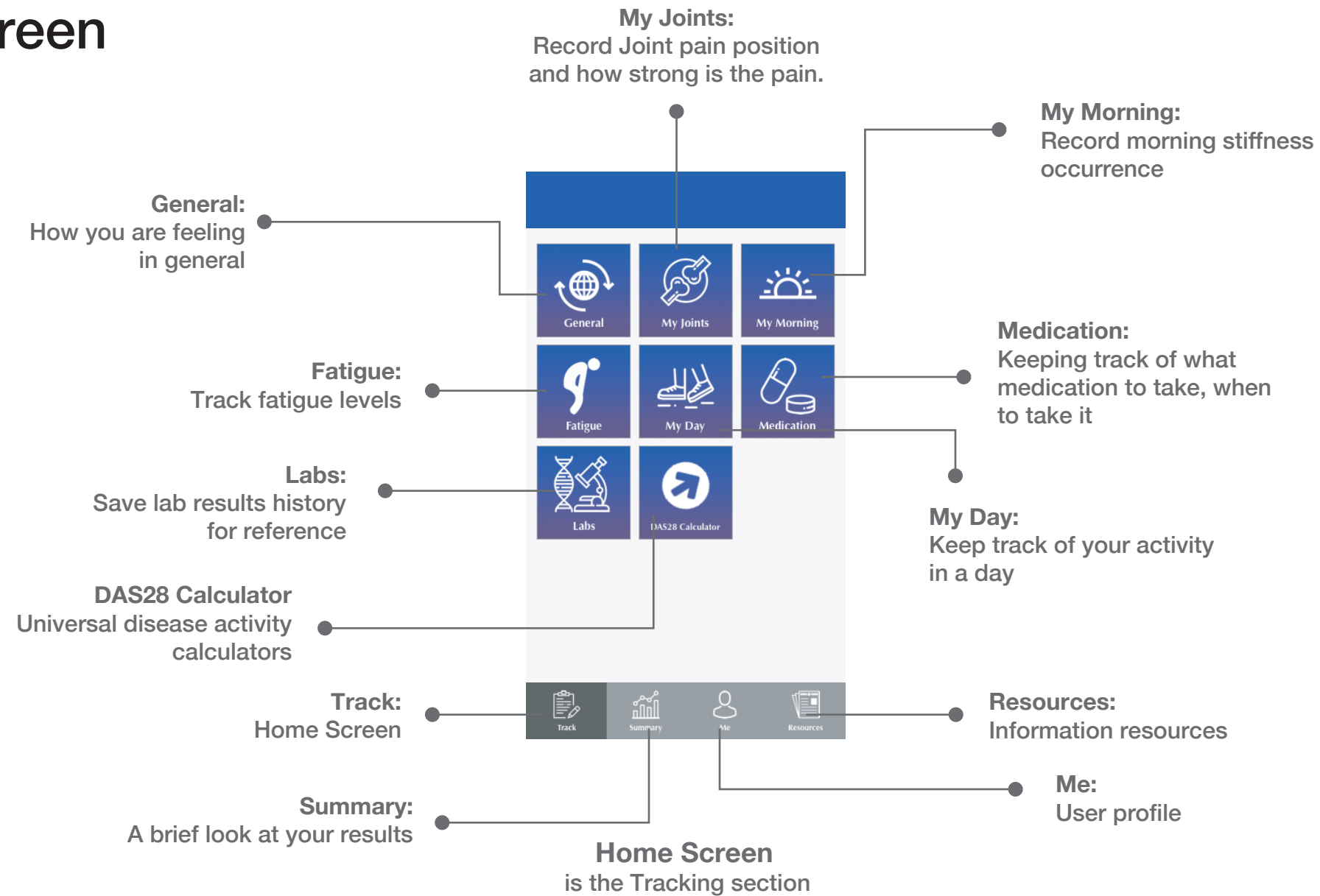


Choose your language of preference (Arabic/English)

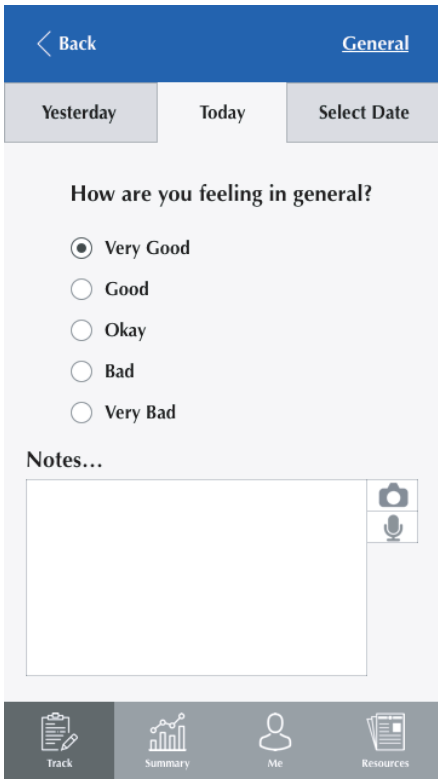


Then you are taken to a screen where you should select your gender

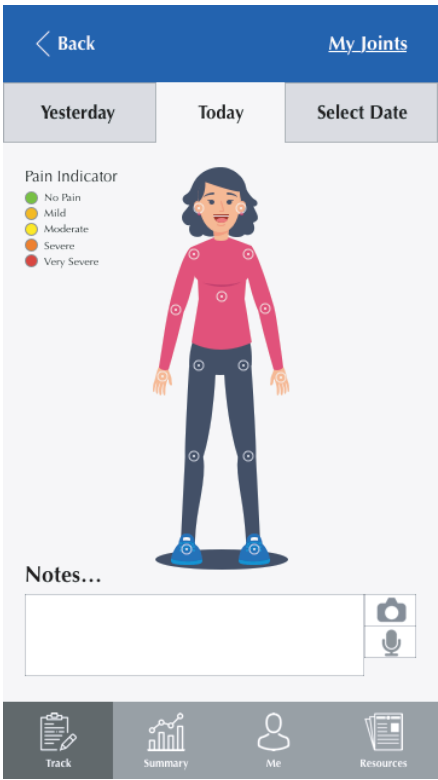
2 App Screen



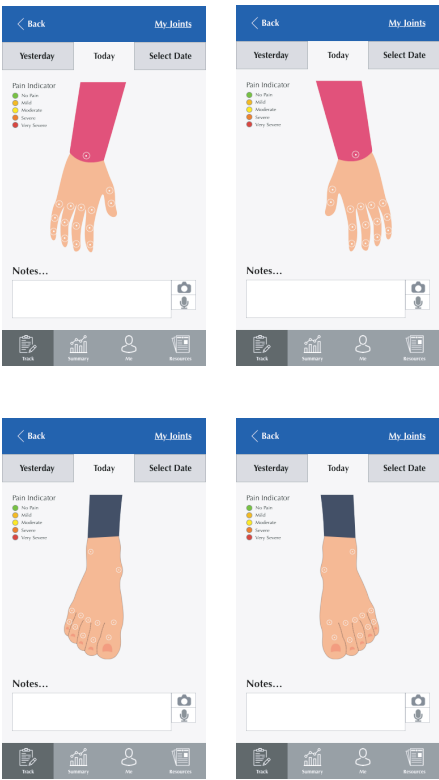
2 App Screens



General:
Keep track of how you feel in general. You can write notes, take photos and record a voice note.

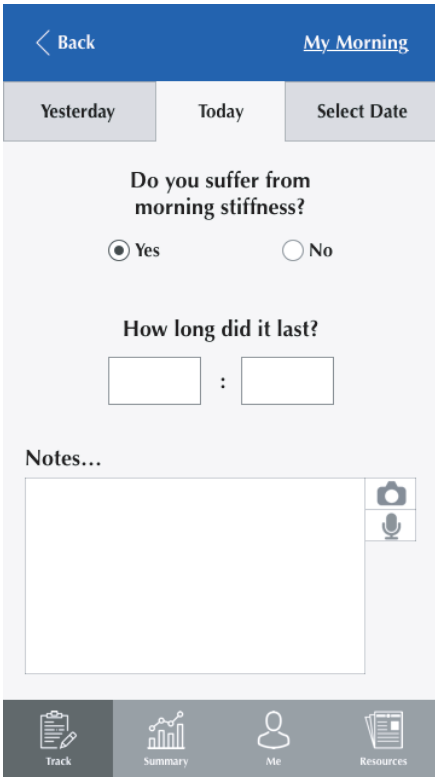


My Joints:
A female/male character appears according to your data, with of joint pointers and colored pain indicator.

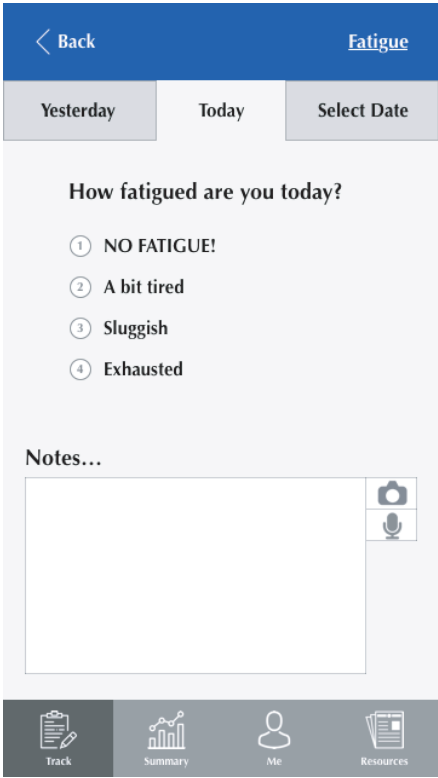


My Joints:
Ability to zoom into the hands and feet for detailed indication of pain position

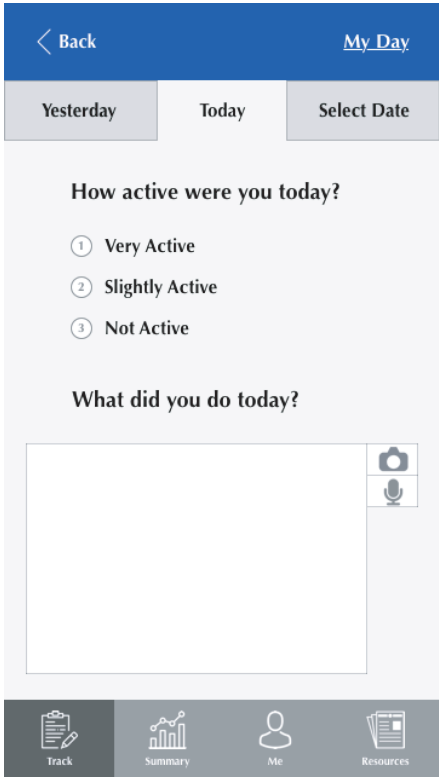
2 App Screens



My Morning:
Record morning stiffness occurrence by day and how long it lasts with ability to take notes, photos and record a voice note.



Fatigue:
Track fatigue levels by day with ability to take notes, photos and record a voice note.



My Day:
Keep track of your activity in a day with ability to take notes, photos and record a voice note.

2 App Screens

DAS28 Calculator

Joint score

Type score

Choose from diagram

ESR (mm/hour)

General health (from 0 to 100)

Record date

Recorded on: 24/07/2019

Score: 0.00 Remission

DAS28 information

The DAS28 (1) is a Disease Activity Score, part of the many + DAS + scores for Rheumatoid Arthritis, very useful to make an objective, reproducible and comparable assessment of the Rheumatoid Arthritis activity. DAS28 is sometimes also called + DAS28-CRP + and takes into account the following terms:

- ESR: The number of swollen joints (0-28).
- SJC: The number of tender joints (0-28).
- CRP: The 8-point global assessment (from 0 to 100).
- GA: The patient global health assessment (from 0 to 100).

The 28 tender or swollen joint scores target the same joints (shoulders, elbows, wrists, metacarpophalangeal joints, proximal interphalangeal joints and the knees). The computation of the score is done through the following equation:

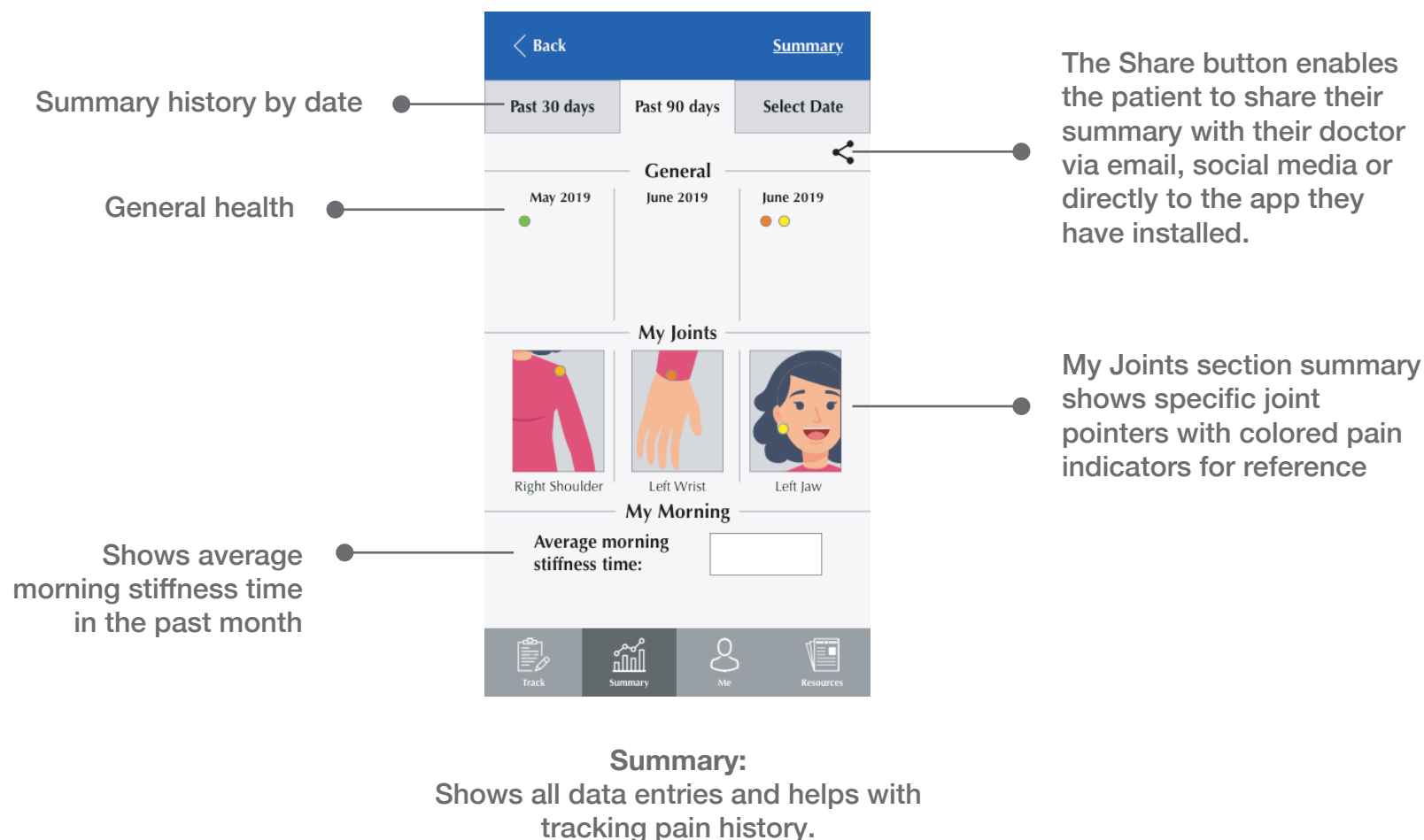
$$\text{DAS28} = 0.56 \times \sqrt{\text{ESR}^2 + \text{SJC}^2} + 0.38 \times \sqrt{\text{CRP}} + 0.78 \times \text{GA} + 0.04 \times \text{CRP}$$

The interpretation of the score does not depend on its calculation tool used. Generally, Remission is considered achieved if the score is between 0 and 0.5, low activity corresponds to 0.6 to 1.0, Moderate activity to 1.1 to 1.5, High activity to 1.6 and 2.0, severe activity to 2.1 and more. The score that a specific value might trigger in terms of treatment choice may vary from one country to the other. In Belgium, a biological DAS28-CRP below 1.0 is considered as a good indicator of low disease activity. The score that a specific value might trigger in terms of treatment choice may vary from one country to the other. In Belgium, a biological DAS28-CRP below 1.0 is considered as a good indicator of low disease activity. The score that a specific value might trigger in terms of treatment choice may vary from one country to the other. In Belgium, a biological DAS28-CRP below 1.0 is considered as a good indicator of low disease activity.

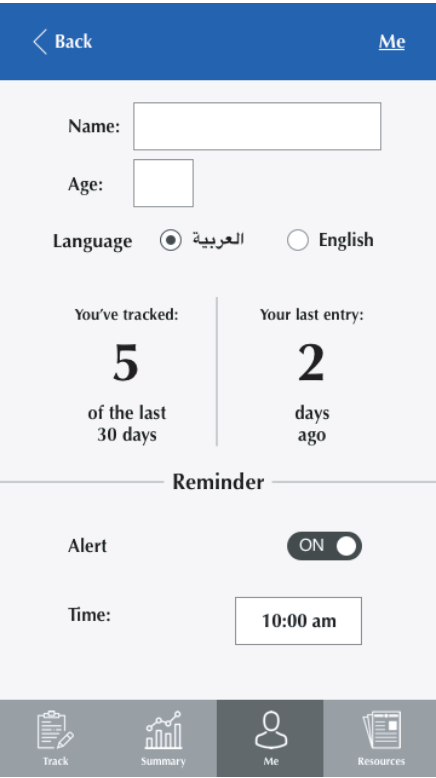
Aside from DAS28, other scores exist, for the regular CRP, taking into account the joints, or DAS28-CRP (CRP is replaced by CRP), CRP where CRP is replaced by the healthcare provider global assessment of the disease activity or the DAS28-CRP (CRP is replaced by the healthcare provider global assessment of the disease activity).

DAS28 Calculator:
Universal disease activity calculator.
and by clicking on the icon in the
homepage you get directed to the
calculator's website.

2 App Screens



2 App Screens



Me:

The Me section is the user profile with ability to keep track of how many times data was entered and customise medication and lab visit alers.



Resources:

A list of useful resources for reference.

3 Top Features

1. Easy to use.
2. Multilingual.
3. Makes keeping track of your RA easy.
4. Reminder and alert feature for medicine and lab tests.
5. Keep a record of medical results history.
6. IOS and Android compatible

