

Project name/Team name: Health Balancer

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demo summary

Real Demo functionality:

First of all, once the user opens the app, they will be led to sign up/ log in page. Users are able to resist their own account. This is based on Firebase Authentication, and sign-in method is the email address and password.

In the main page, the first part of bottom navigation is Home, users are able to view records that they created from the database. The second part of bottom navigation is Dashboard, there should be create, update and delete, and we have done the create events part. Users can create their events and save to the database. The fourth part of bottom navigation is Notifications, we have done personal file in this fragment. Users are able to set their own information on this page, like name, gender, age, weight and height. And also, we wrote Reset Password and Log Out in this part, users can reset their password or log out of this app.

Simulated Demo functionality:

In the dashboard of the main page, we have not coded the logic of update and delete functionality. And in the graph page, the graphs are simulated.

status report

current progress:

Users could sign up and login through their customized email and password. Users could write their records into the database, and read from the database. And users are able to edit their information into personal files.

We will do and improve in the next month:

Currently, the date of records have to be entered as text from users, this is not able to manage records based on date. We will try to add a calendar view or datepicker, and users will create records based on calendar.

We will finish the logic parts of simulated functionality, the update and delete functionality. And the graph based on records.

We also have to use the user's information in the personal file. We will write a suggestion plan page, this will give users some suggestions about how many calories they should intake per day based on the user's gender, age, weight, height.

We will apply notification into our app, the user will receive their weekly report, and the remaining user keeps record their daily consumption is necessary.

Difficulties we are facing:

Currently, the difficulties we are facing are the date problems. We are confused about how we should get date data from users and classify the records through date data. Updating the real-time into different fragments is also another difficulty that we struggle on.

