

- tracks sugars of the scanned products
- helps to follow a strict diabetic diet
- connected to **#migros** and **#GS1** product databases

Part of #



effort, together with



**MIGROS**

# Why?

- Each year every 40<sup>th</sup> person is diagnosed with diabetes
- This could mean a significant change of life style:
  - Understanding what, when and how much you can eat?
  - Monitoring the levels of blood sugar
  - Paying more attention to physical training and rest

# So what does it mean?

- Patient has to systematically track what is consumed
- Strict diet improves quality of life and chances of remission

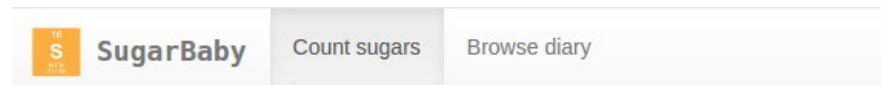


# Progress so far

A django web app serving as a proof of simple concept:

- User scans or enters a bar code (GTIN)
- Product's nutrition facts are located in the database
- Consumed product is tracked in the diabetic diary and can be browsed

# Tracking a product



scan or add product

7617012070261

x



Track

Clear

# Browsing through sugar levels



SugarBaby

Count sugars

Browse diary

pick a date and check your sugar values

2014/10/12



Time	Name	Energy	Proteins	Carbohydrates (sugars)	Fats
2014-10-12 02:58	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 02:59	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 04:20	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 04:21	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 04:21	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 05:50	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 05:50	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 05:51	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 05:51	Zuribieter Vollmilch	65	3	5	3.6
2014-10-12 06:48	Zuribieter Vollmilch	65	3	5	3.6

# How the “h@ck” it works?

Building blocks behind the software service consist

- A **cloud** service providing aggregated insight into Migros products, GS1, USDA and more **databases**
- - A **personalized web-interface** with tracking products, diary overview and statistical dashboard
- - A **mobile app** linked with the user account that simplifies scanning of products and keeping an track over patients diet

# Further improvements

- Tracking precision is everything:
  - Aggregate more products
  - Compare information reported by vendors and
  - Add localization of names to simplify search
- Fast, minimalistic food tracking is mobile
  - Mobile app should have “one button only” and be fast in looking up values of the food
  - Can be competitive with apps like *Low Fat Recipes* or *WeightWatchers*



# Thank you for time! Questions?

- @github (MIT licensed code)

<https://github.com/ewiger/sugarbaby>