

- 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 40th 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

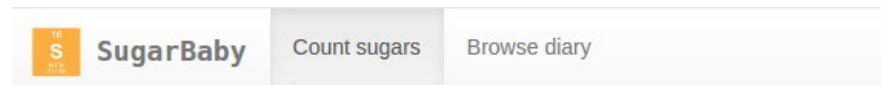


Progress so far

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 of:

- 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>