



SWEET SPORT – A TRAINING ASSISTANT FOR DIABETICS. VERSION 2.0 AFTER THE DMW

26.02.2020 | Dr. Sinan Perin | Digital Medicine Week 2021

**Ich hatte viele interessante
Gespräche in dieser Woche.**

**Software-, Diabetes-Technologie-,
Healthcare-ExpertInnen.**

**Venture Capitalist, Strategie-
ExpertInnen und dem
engagierten hih**



Sweet Sport

2.0

Diabetes is a major social and individual problem

60 Million diabetics live in Europe.
10% are type 1 diabetics

Type 1 life expectancy is **13 years less** than the average*

Patients with type 1 diabetes can expect to live approximately 40% of their remaining life with one or more complications*

2.190 Euro/per annum higher costs of a health insured with diabetes**

The way out for all diabetics is to live healthier than the healthy

*A Patient-Level Model to Estimate Lifetime Health Outcomes of Patients With Type 1 Diabetes
Tran-Duy A, Knight J, Palmer AJ, Petrie D, Lung TWC, Herman WH, Eliasson B, AM Svensson, Clarke PM. Melbourne, Australien; Diabetes Care 2020; 43: 1741 – 1749
**Köster I, Hauner H, von Ferber L. Heterogenität der Kosten bei Patienten mit Diabetes mellitus: Die KoDIM-Studie. Dtsch Med Wochenschr 2006; 131: 804-810

We Diabetics must increase **our** fitness to mitigate the negative effects, but...



During physical exertion, **carbohydrates** are consumed at a high level.



A diabetic must **eat food** with carbohydrates to ensure physical stamina ...



...and afterwards, her/his carbohydrate **reserves** need to be restored.



Hypoglycemia is a danger for all of us!
How can we all have fun doing a lot of sport?

Sweet Sport – the idea **version 2.**

Sweet Sport helps you to enter the fitness world and step by step increase your fitness level as a virtual **Fitness Coach**.

Securely start and find out what you need doing sport!

Walk quickly two kilometers!

Look at your glucose level 30 min and 90 min after the walk

We saw a drop of the glucose level of 50 mg/l ?



Tomorrow eat one 2 BU before starting and repeat this test case



Start your first table tennis training!

Play 45 minutes!

Look at your glucose level 30 min and 90 min after doing that

We saw a drop of the glucose level of 50 mg/l ?

Next time eat one 2 BU before starting and repeat this test case



Matchday, show what you are able at the table!

Play 3 matches!

Look at your glucose level between each match

We saw a drop of the glucose level of 50 mg/l? We recommend to take 3 BU

Matches are over, now after three hours check your glucose level

We saw a drop of the glucose level of 50 mg/l? Please take 3 BU and reduce 2 IE...

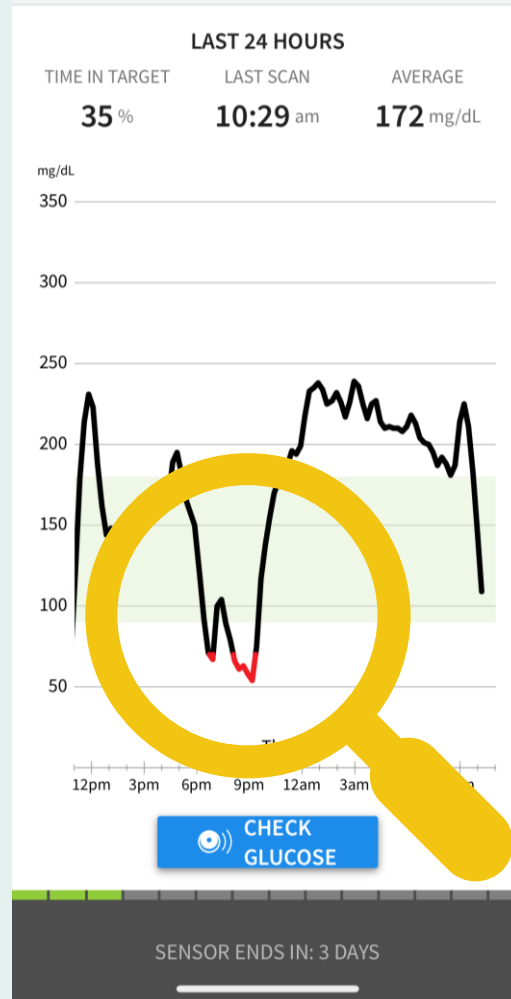


SWEET SPORT 2.0 uses the data of wearables and sensors.

Dexcom®

eversense®

FreeStyle Libre 



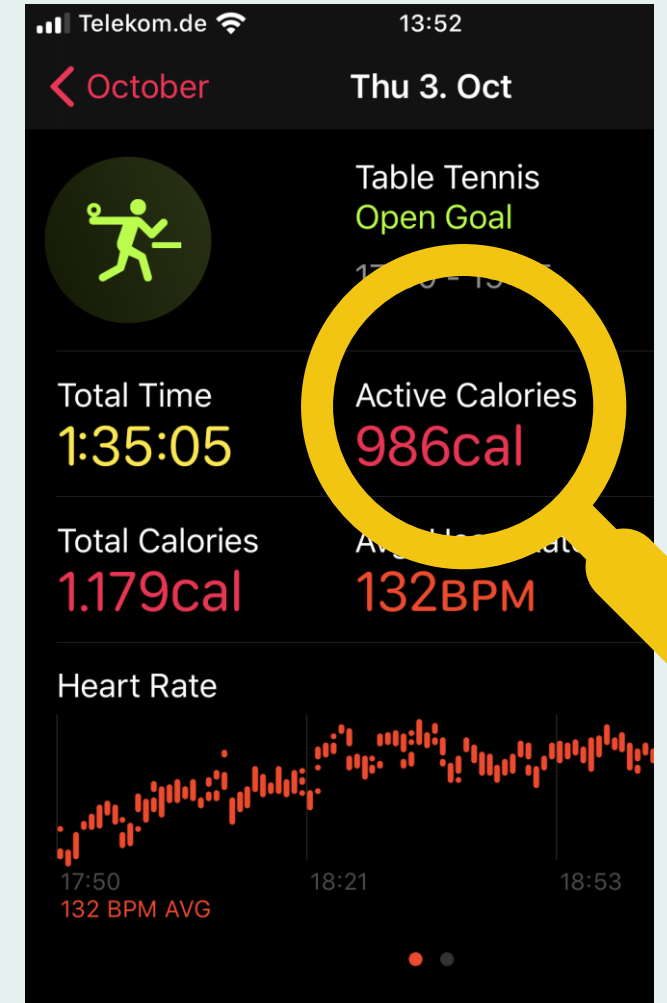
Samsung GALAXY Gear

fitbit

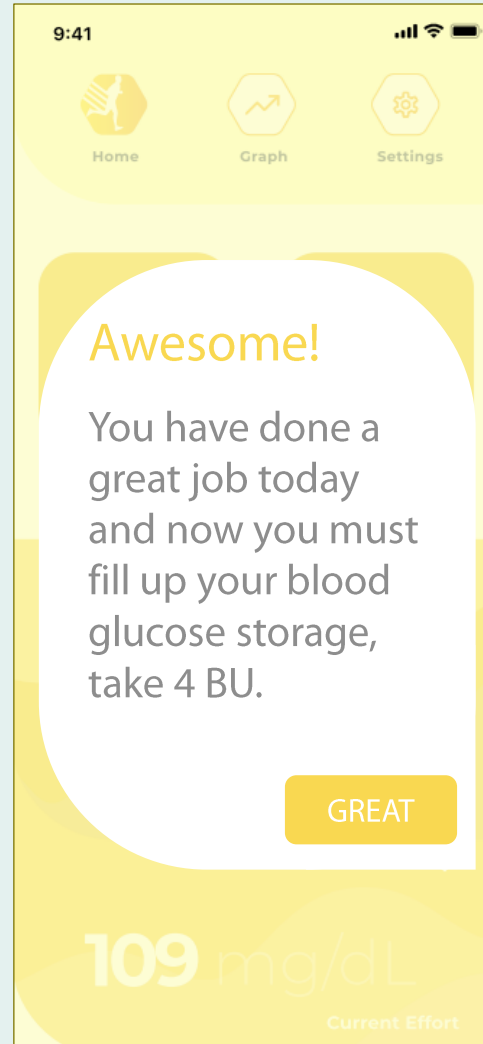
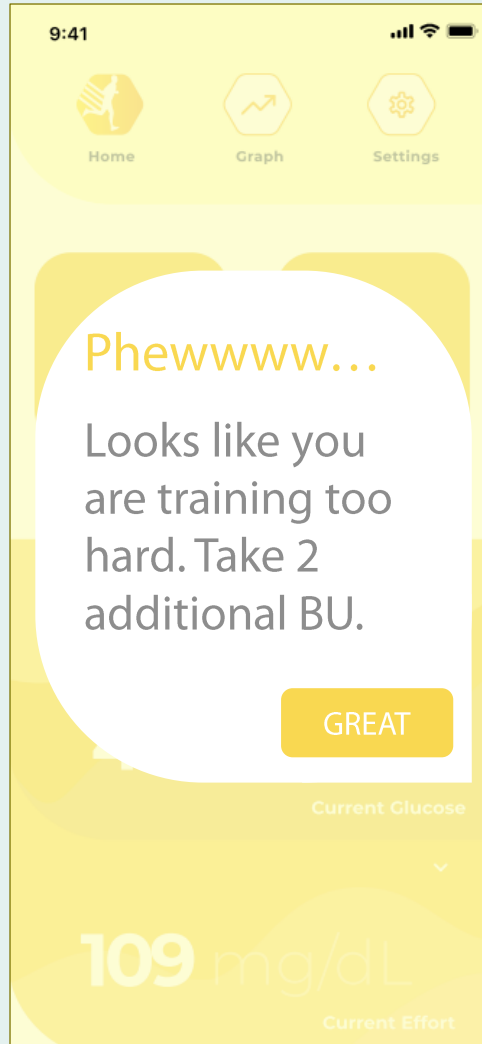
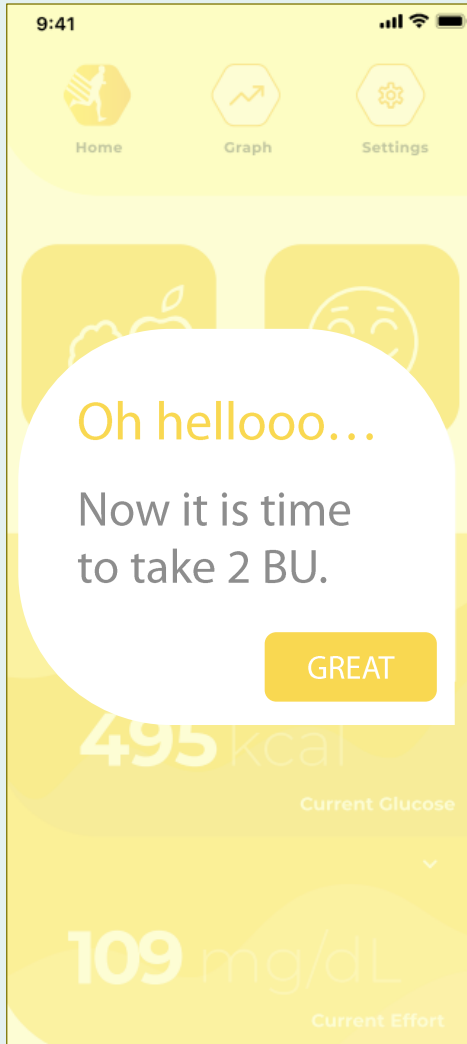
POLAR®

WATCH

GARMIN™



After the fitness phase – Sweet Sport becomes your **Training Assistant**.



Is there a market for 2.0?

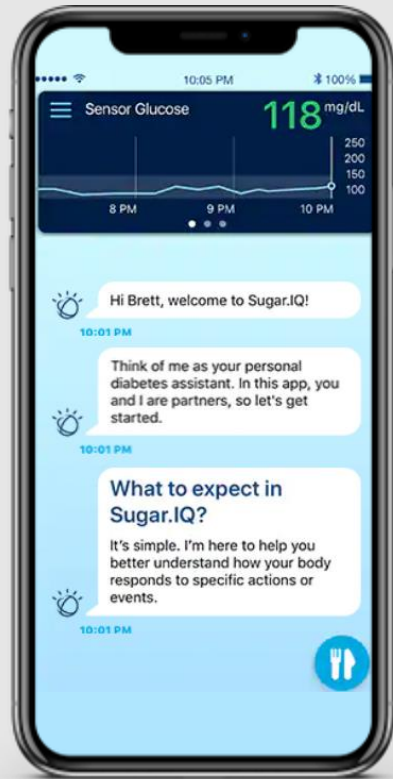
The existing solutions do not hit the mark

FreeStyle LibreLink



Only
documentation

Sugar.IQ



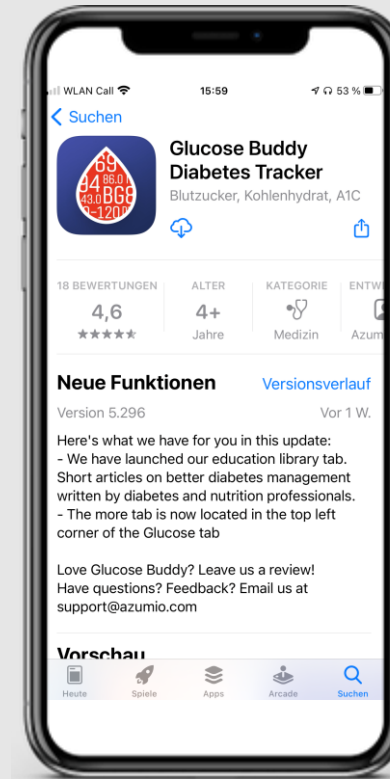
General
assistance

Supersapiens



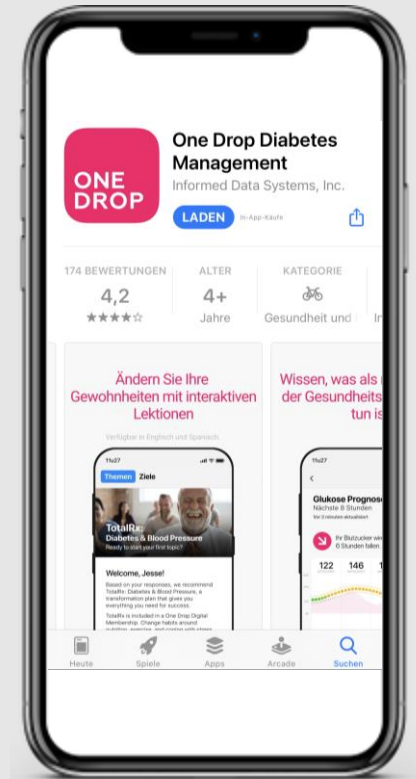
No Diabetics
840 \$/p.a.
(Sensors deducted)

Glucose Buddy



A little sport
50 \$/p.a.

ONE DROP



A little sport
264 \$/p.a.

Sweet Sport 2.0

Sports sector



I pay for better trainings/ facilities/ products



Health Insurance



I choose the insurance which improves my life



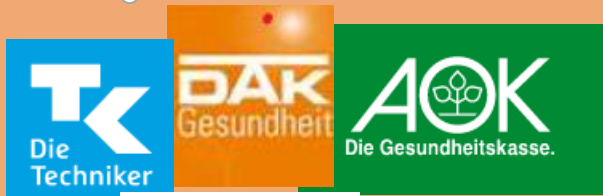
Why not expand the training app to other insured?



The healthier our insureds are, the lower the costs



I want to get fit with the help of my insurance



MedTech/ Pharma

I do not care which insulin or pump

We gain real world data in order to improve our devices/ products



I want to have the best health service



Thank you!



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we orchestrate people's strengths
with IT and business opportunities

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