Snap & Eat

Hello!

We are SNAP & EAT

We use artificial intelligence to simplify your diet.

Our team

Alexandre Muzio,
Developer

Victor Pascoal,
Developer

Gabriel Iharco,
Developer

Ana Carla Costa,
Product Manager

"Food" is a massive global health issue

#1 risk factor
for morbidity and mortality

Obesity
triplicated between 1975 and 2016

Diabetes, heart disease, stroke and cancers can be related to food

ORGANIZATION is key to SUCCESS

USD 2,600,000

Monthly revenue (iOS + Android)

1,400,000 downloads

And a lot of users!

< 20% retention

Low engagement...

We believe nutrition tracking should be as simple, fun and easy as
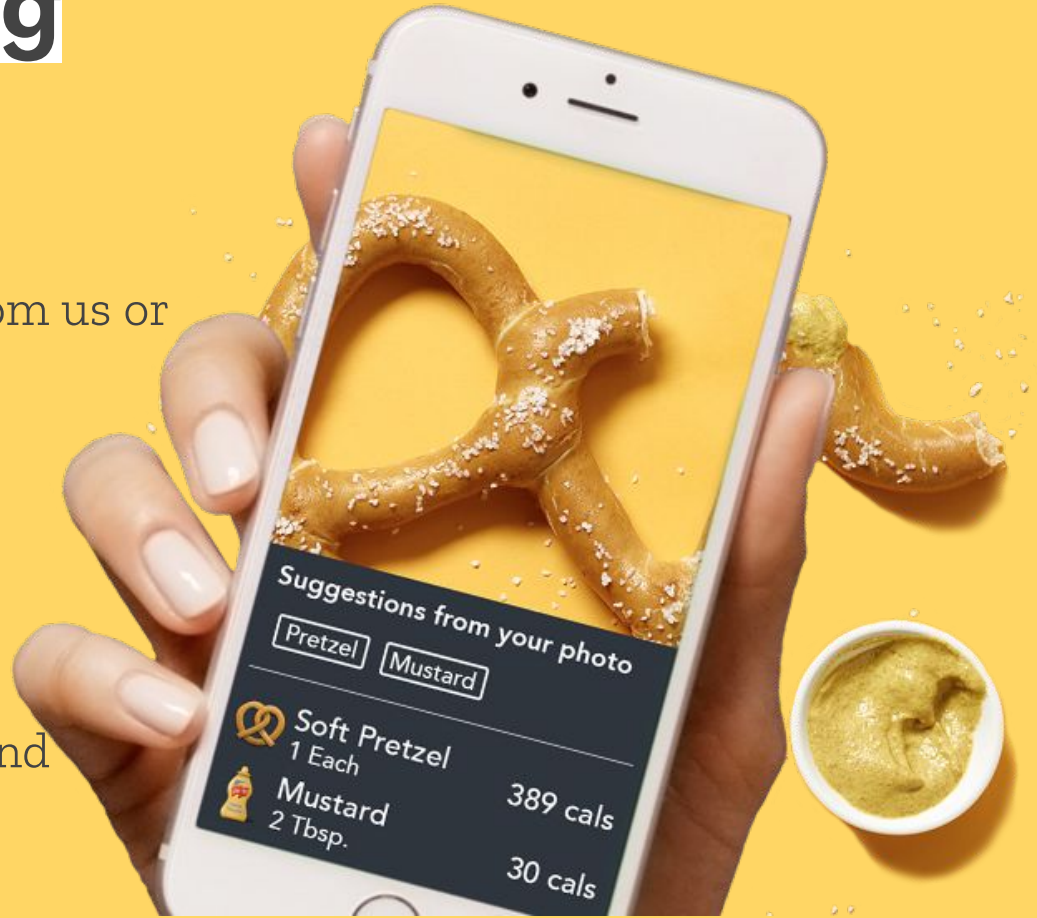
taking a PICTURE

Nutrition tracking

one picture away

1. Get a suggested **diet plan** from us or upload your own

2. Take a **picture** of your meals

3. We register your nutrients and **suggest next meals**

Suggestions from your photo

Pretzel Mustard

Soft Pretzel
1 Each

Mustard
2 Tbsp.

389 cals

30 cals

Our solution

Classify + **Recommend**

Deep "dish" learning

1. Classification

Dataset
- 2 different sources
- 101 labels
- 100,000 images
- Data augmentation

ResNeXt
- Architecture for image classification
- Transfer learning

Fast processing
- PyTorch
- Amazon Web Services
- GPU (Tesla K80)

Great primary results...

90.3%
Top 5

85.5%
Top 3

72.1%
Accuracy

Deep "dish" learning

2. Recommendation

Nearest Neighbors
- Unsupervised model
- Sci Kit Learn

Fit to daily goal
- Individualized suggestion, based on your diet metrics

Where?
- Suggests nearest place to eat suggested dish
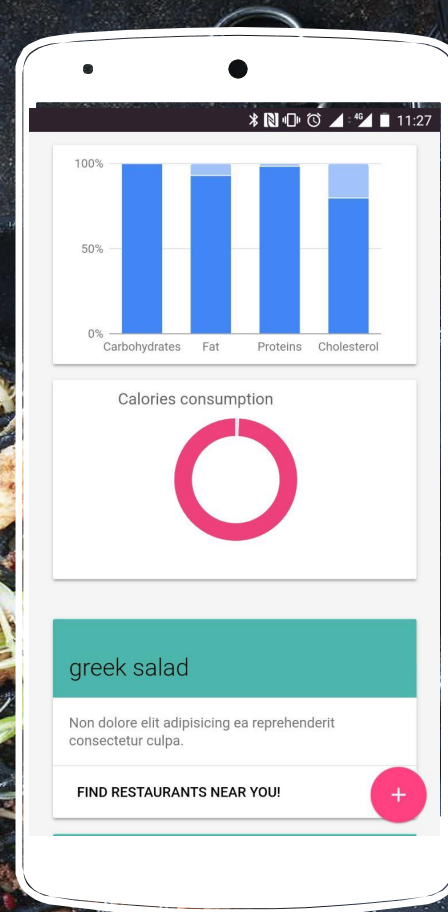
Business Model

Free
Big user base

+

Premium
Monetization

Mobile project

WebApp with AMS server

Demo

Thanks!

Any questions?

You can find us at LinkedIn:

- @alexandre-muzio
- @victor-vpascoal
- @gabrielilharco
- @anacarlafcosta