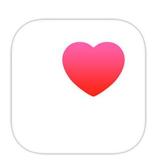


We all care about our health...

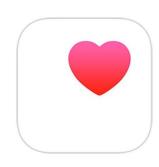






We all care about our health...







But what about our digestive health?

3 in 4

Americans live with digestional issues

less than half

report symptoms to their doctors

10%

of GI disorders are diagnosed in the US

22 million

people in the US are hospitalized because of GI issues

250,000

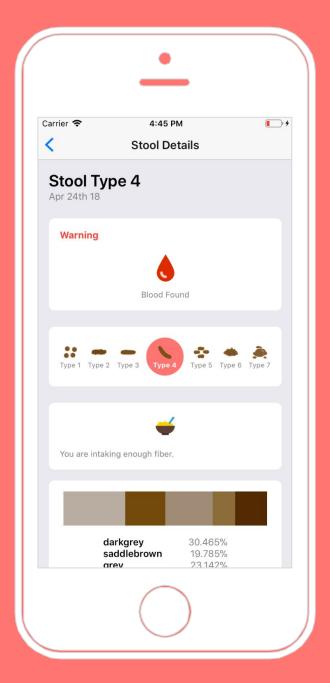
die annually from digestive disorders

Take charge of your digestive health.

Tol automatically tracks your bowel movements.

Receive real-time analytics of your digestive health and identify issues before it's too late.

Demo



Our validation



- Worldwide survey (n = 3,000+)
 - o 68% interested in using Tol
- Support from gastroenterologists
 - Advised by three Hopkins doctors
- Rise in digestive health interest
 - Fecal transplants, poop pills
 - 300,000+ users on similar apps
- Data-tracking becoming norm

Target market



- 1. People with GI issues
- 2. At-risk individuals
- 3. Health-conscious people
 - Tech generation
 - Users of health-tracking services
- 4. Smart toilet adopters
 - o Asia

Entry strategy



- Work with GI-diagnosed people
 - Alyssa's IBD patients
- Expand to credible institutions
- Push out marketing initiative
 - Traditional ads
 - "Competitors"
 - Incentivization
 - Retail sales
 - Insurance deals

Upcoming features



- Visual analytics summary
- Individualized data
 - Based on given diseases
- Medical report conversion
- Integration with health apps
 - Gyroscope, Apple Health, FitBit, MyFitnessPal, Cara, etc.
- Chemical analysis

Thank you

Team



Sung Woo Park



Bertha Hu



Baekchun Kim

Advisors



Alyssa Parian (MD)



Harold Lehmann (MD, PhD)



Douglas Mogul (MD, MPH)

Appendices

A: Competitors

Bowel Movement Trackers

- Simple:
 - o Poop Log 100,000+
 - Poop Diary 100,000+
 - Other similar apps
- Complex:
 - Cara #1 Food & Symptom
 - o Bowelle IBS tracker
 - Other similar apps

Smart Toilets

- Kohler Numi
 - \$6,672.60
- Toto Neorest
 - 0 \$4,500.00
- American Standard AT200
 - 0 \$4,200.00
- Ideaing Smart Toilet
 - \$24,999.99
- Toto's Intelligence Toilet II
 - \$6,100.00

B: Market Data

- Preventative healthcare industry
 - \$432.3 billion by 2023
- Smart toilet industry
 - o CAGR of 13% by 2023
 - 70% of 54 million households in Japan
- Wearables industry
 - \$25 billion by 2019
 - Fitness trackers take 40% of share
 - o 40 million Fitbits sold by 2010
- Health IoT industry
 - \$158 billion by 2022
 - Global health tracking technology market will be \$18.8 billion by 2019

C: Financial Projections

	Q1 18	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19	Q3 19	Q4 19
Device Sales	\$0	\$0	\$25,000	\$100,000	\$250,000	\$500,000	\$1,250,000	\$3,000,000
Subscription Revenue	\$0	\$0	\$0	\$0	\$25,000	\$90,000	\$300,000	\$900,000
Total Revenue	\$0	\$0	\$0	\$0	\$275,000	\$590,000	\$1,550,000	\$3,900,000
R&D	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Salaries	\$0	\$0	\$0	\$0	\$0	\$60,000	\$120,000	\$180,000
Equipment	\$110	\$1,000	\$5,000	\$20,000	\$50,000	\$100,000	\$250,000	\$600,000
Licensing	\$0	\$5,000	\$5,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Marketing	\$0	\$0	\$1,000,000	\$1,050,000	\$600,000	\$300,000	\$300,000	\$300,000
Total Expenses	\$110	\$6,000	\$1,030,000	\$1,091,000	\$671,000	\$481,000	\$691,000	\$1,101,000
Pre-tax Income	\$110	\$6,000	\$1,005,000	\$1,091,000	\$396,000	\$109,000	\$859,000	\$2,799,000