

Ideation to Production

Tech-stack for a healthcare service and our learnings



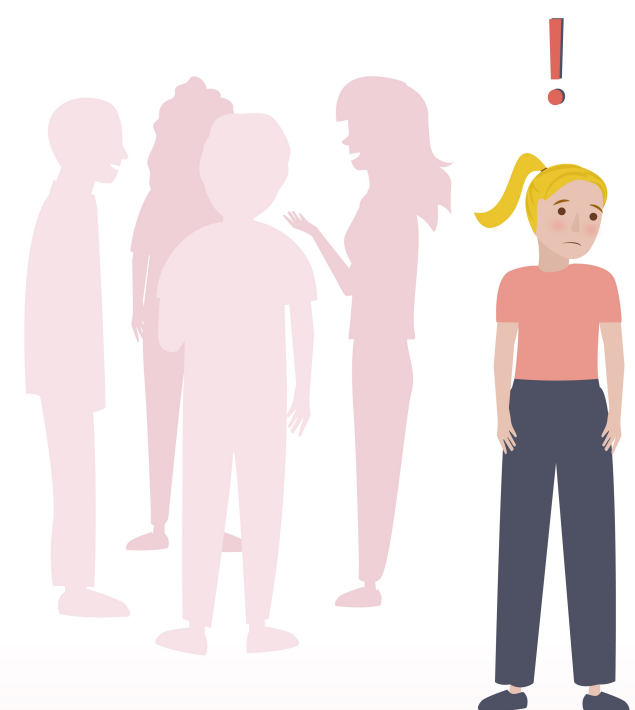
Umar Nizamani

CTO NiceDay Nederland

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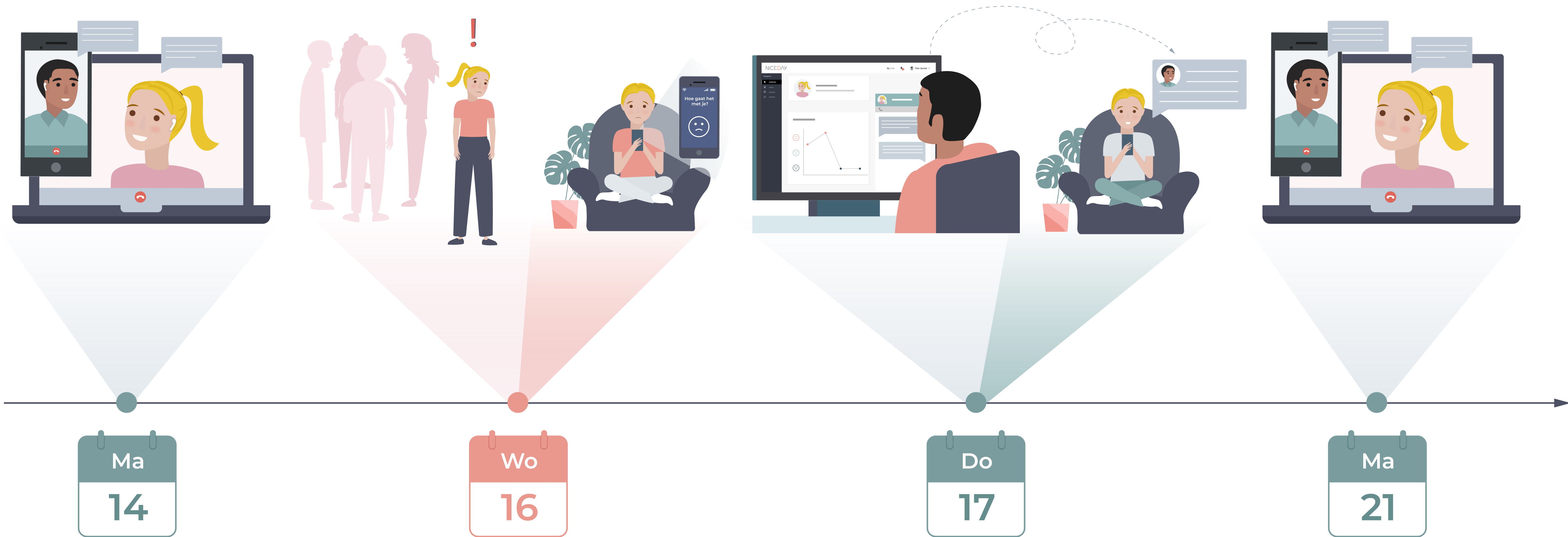
Digital treatment service for mental healthcare



Ma
14

Wo
16

Ma
21



Navigation

Dashboard

Library

Helpdesk

Webinars

Clients Therapists

Search for a client

May Hopkins
Today, 21:00

Ella Bandita
Today, 20:33

Henk Boontjes
Today, 12:20

Steward Bla...
Today, 10:20

Jessie Her...
Yesterday, 20:00

Steve Joan
Yesterday, 12:00

Liz Brown
12 Oct 2017



Bertie Castillo

Connected to you since 19 September 2017

Profile

Plan & Track

Insights

Network

Data last synchronised on: 5 minutes ago

November



Jump to current

Manage trackers

29 oct - 4 nov

Week 43

5 nov - 11 nov

Week 44

12 nov - 18 nov

Week 45

19 nov - 25 nov

Week 46

Events

Add filter +

Plan +

Add meeting notes

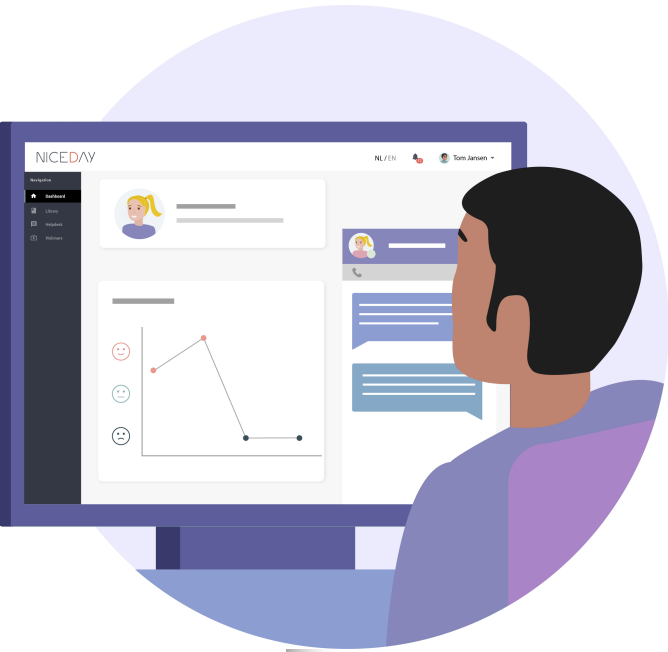


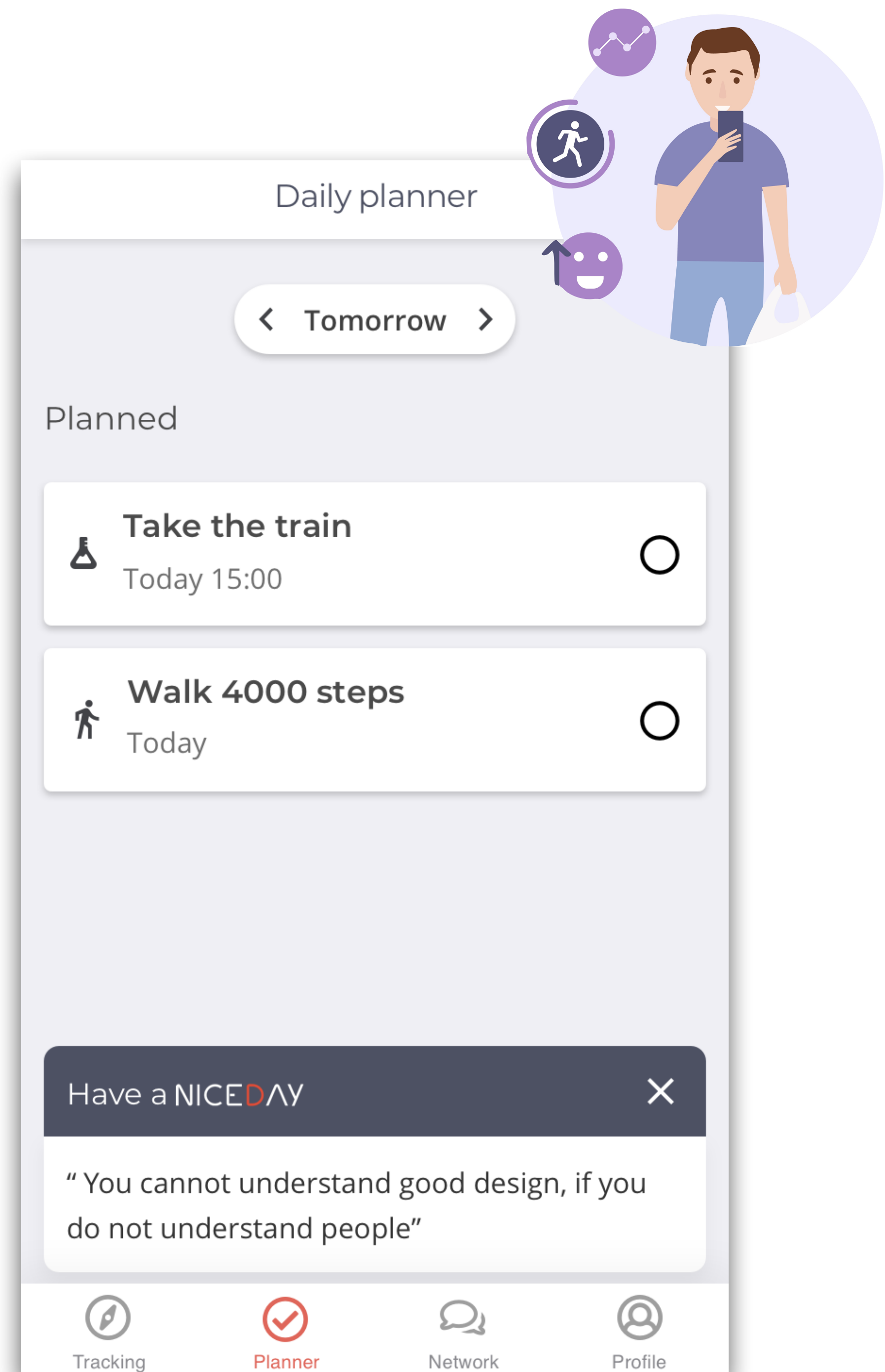
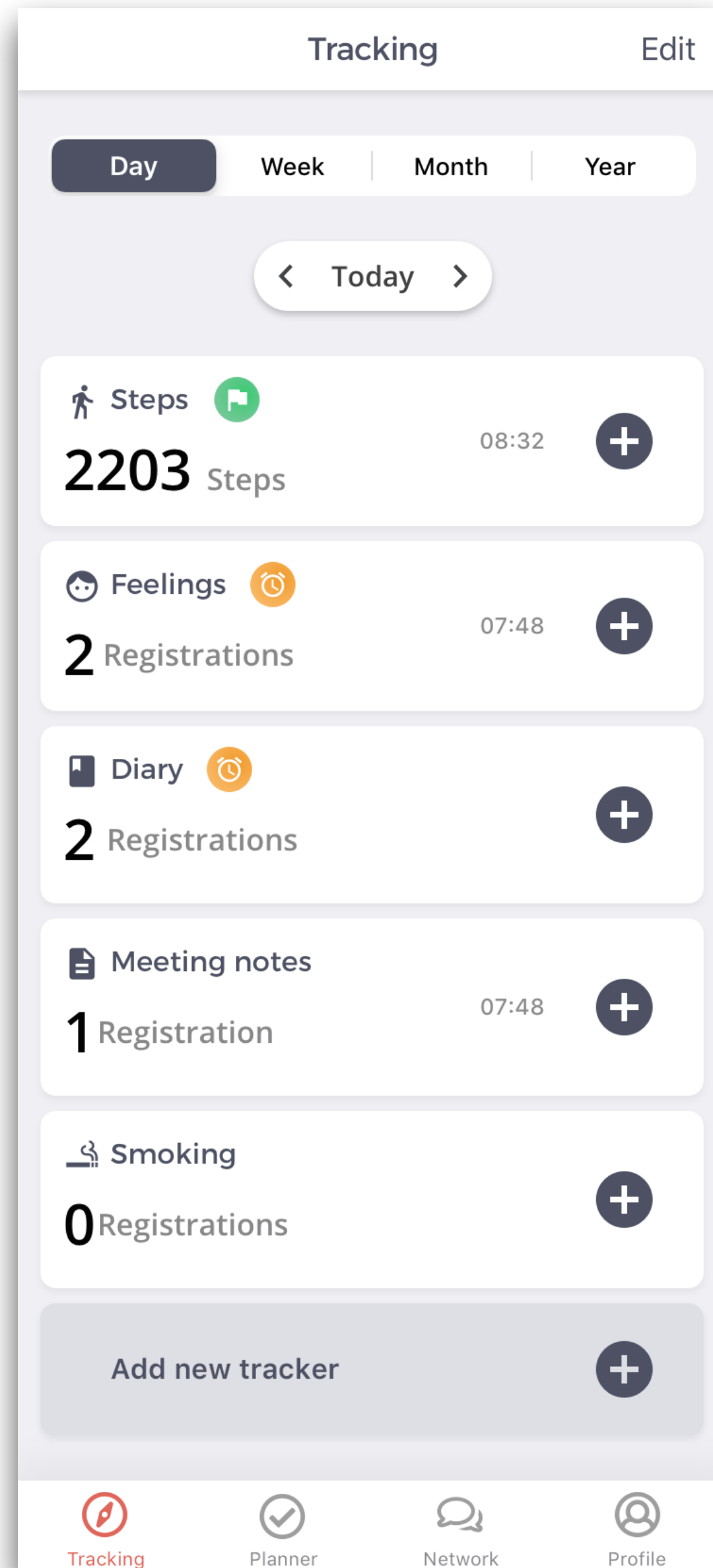
Configure

Monday, 29 October	Monday, 5 November	Monday, 12 November	Monday, 19 November
Breakfast with Suzanne 09:00 ☹️ 💬	OQ-45 Questionnaire 18:00 📅	Energetic but restless 09:00 ☹️	Video call Bertie & Henk 12:00 💬 ○
Feeling very negative 12:00 ☹️ 💬 📊	Tuesday, 6 November Dinner with Matty 19:00 ⚙️ 😊 💬 📊 ✓	Wednesday, 14 November Starting the day with headaches again 09:23 ☹️	Tuesday, 20 November Football match with friends 09:00 🔥 💬 📊 ○
Tuesday, 30 October Video meeting #2 11:00 📄	Wednesday, 7 November Feeling out of focus 12:00 ☹️ 💬	Friday, 16 Novemebr Terrible sleep (again) 08:58 ☹️ 💬	Dinner with Mary 21:00 ⚙️ 💬 📊 ○
Wednesday, 31 October			

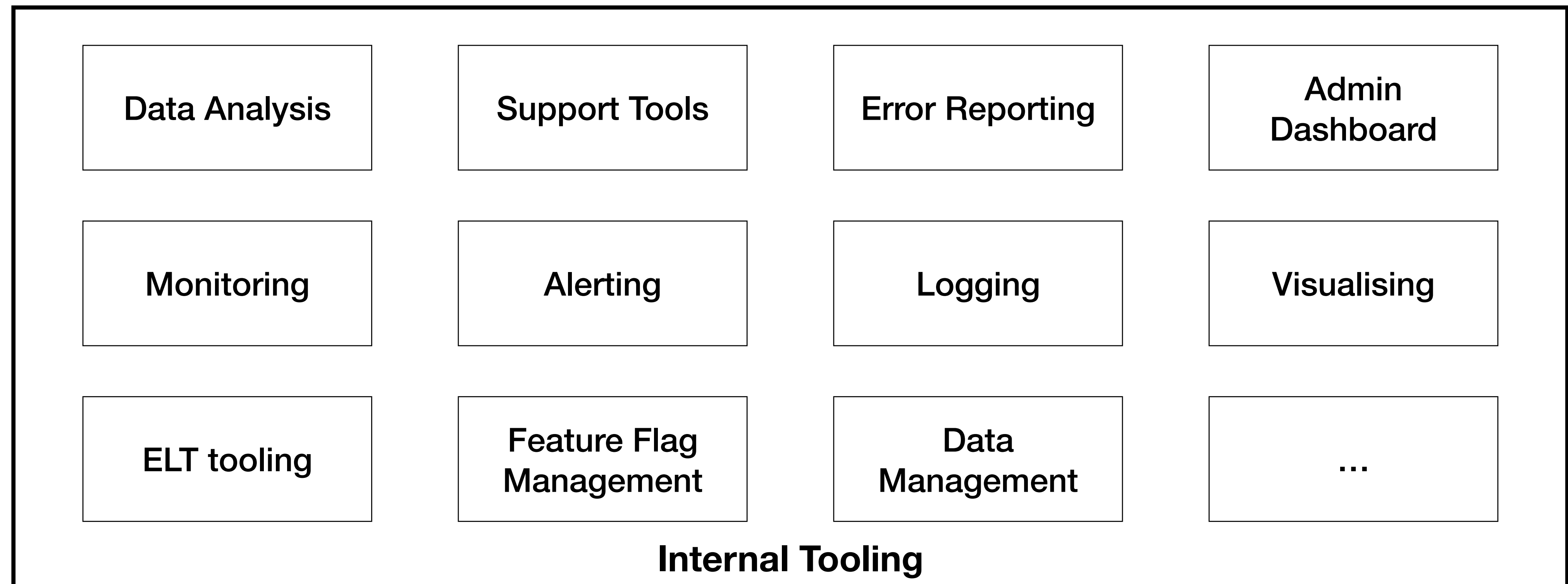
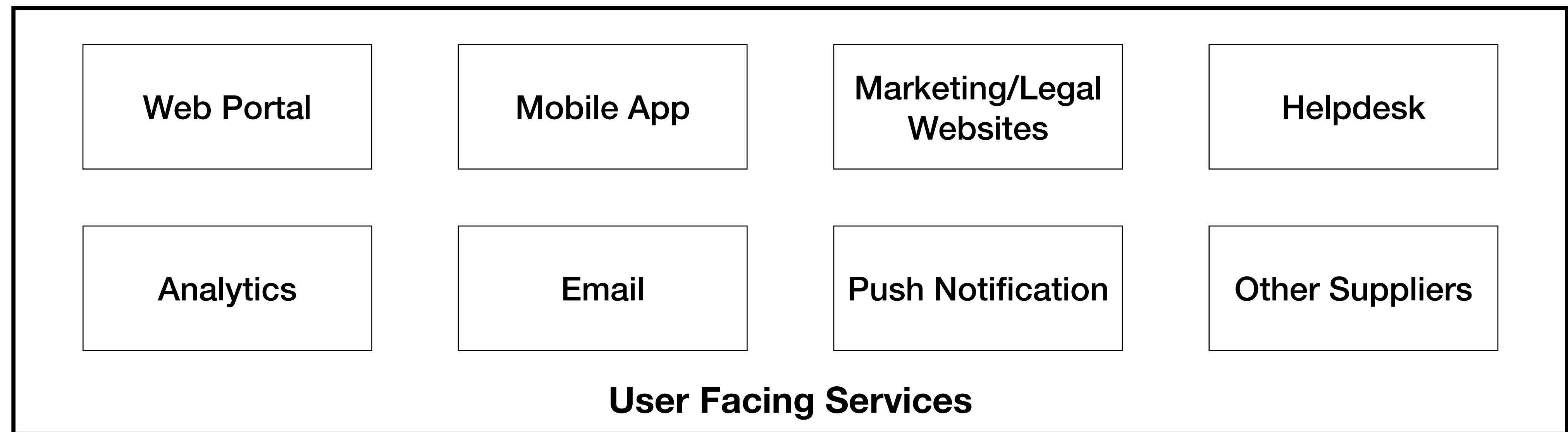
Mood

Reminders





The entire stack today



Founding Principles

Privacy



Image courtesy freevector.com

- Need to know access
- Data minimisation
- Data segregation
- Supplier reduction

Security



Image courtesy vecteezy

- Strong defaults
- Organisational awareness
- Monitoring
- Continuous testing

Reliability



Image courtesy vecteezy

- Redundancy
- Monitoring & Alerting
- Infrastructure (OnCall / Playbook)
- QA & Support Engineers

Usability



Image courtesy vecteezy

- Rapid iterations
- Working with domain experts
- Therapists/engineers under same roof
- Product vision from domain experts

Learnings

Think for tomorrow
Build for today

Lean on your strengths

Marathon Mentality

Understand regulation

Thanks.

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