

Pedestro

O lume accesibilă pentru toți

Deficiență de vedere


~100.000


~ 40
milioane

COMPLET NEVĂZĂTORI

2023 $\xrightarrow{3x}$ 2050

*Sursa World
Health Organization


~ 120*
milioane

Problema



Percepție limitată.

Dificultate în deplasare.

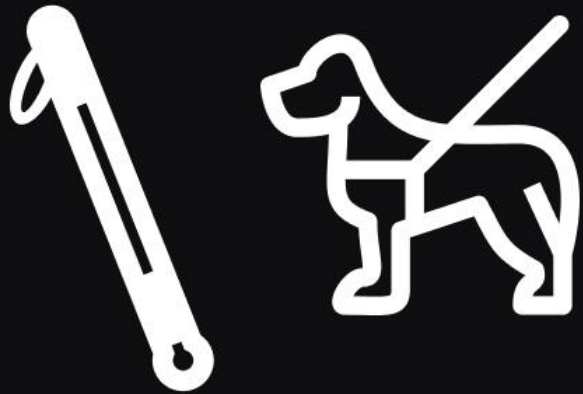
Independență scăzută



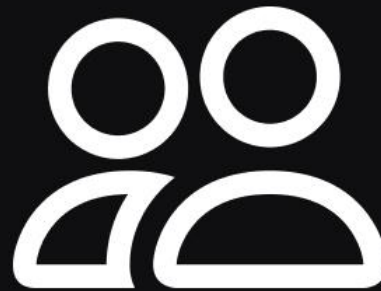
Soluții curente

Baston

Câine ghid



Prieteni & Familie



Aplicații navigație



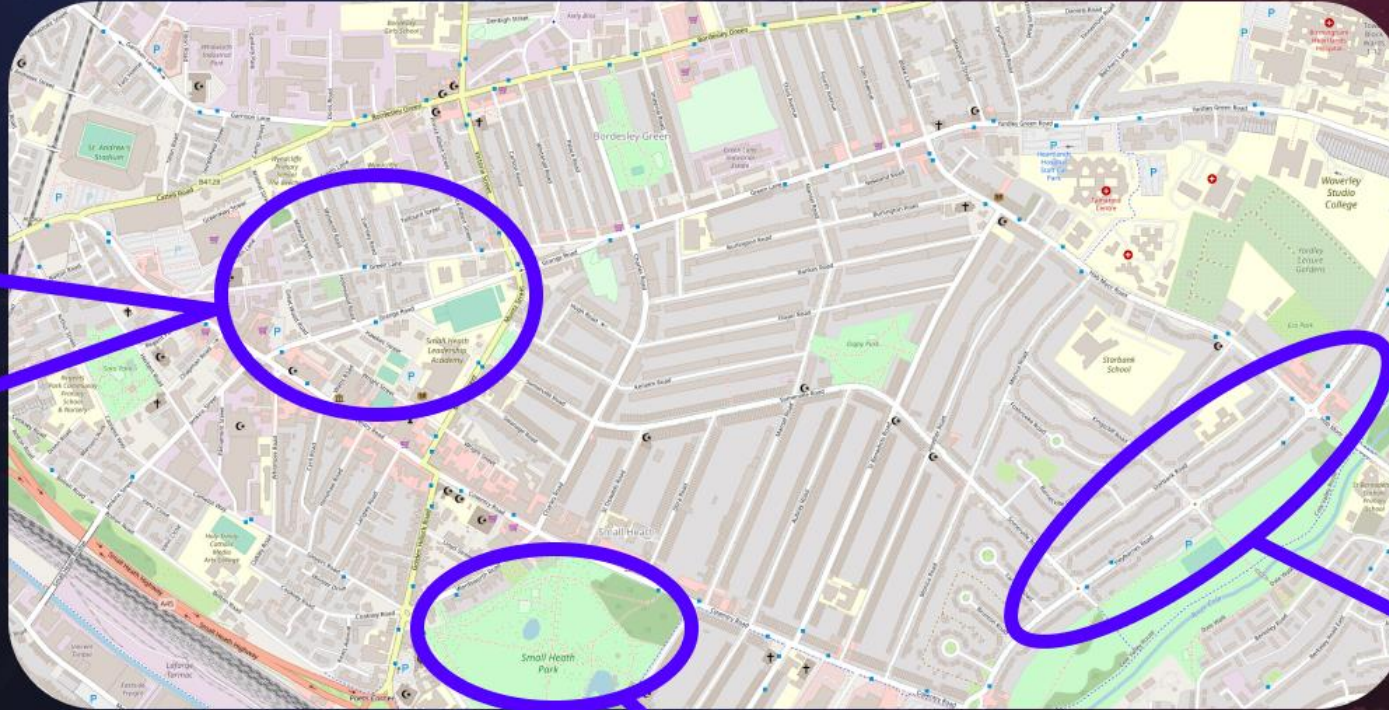
Limitat în
Distanță / Număr

Nu mereu
valabil

Bazat pe hărți
Hărți pentru mașini

Hărțile sunt pentru mașini

Trotuare?
Treceri?



Obstacole pe
drum?

Facilități spații publice?

Cum rămâne cu oamenii?

Faceți cunoștință cu Ion

Ion este...

- nevazator
- îngrijorat
- doritor de certitudine



Mers la magazin?

- frică, anxietate
- timp pierdut
- dificultate



~~Independență~~

Startup Lean Canvas

Problem

List to 1-3 problems to solve

**Independenta
scazuta**

Existing Alternative

List how these problems are solved today.



Solution

Outline a possible solution for each problem.

**Aplicatie navigatie
detaliata**

Key Metrics

List key numbers that tell you how your business is doing.

- **numar utilizatori**
- **calatorii finalizate**
- **km parcursi pe saptamana**

Unique Valuable Proposition

Single, clear, compelling message that states why you are different and worth paying attention.

**Te ghidam cum ar
face-o familia**

High-Level Concept

List your X for Y analogy. e.g. Youtube = Flickr for videos.

**Waze pentru
pietoni**

Unfair Advantage

Something that cannot easily be bought or copied.

- **date harta**
- **model**
- **comunitate**

Channels

List your path to the customer (inbound and/or outbound)

- **ONG, Asociatii**
- **Grupuri Facebook**
- **Reclame Youtube**

Customer Segments

Something that cannot easily be bought or copied.

**Complet nevazatori
Aproape nevazatori**

Early Adopters

List the characteristics of your ideal customers.

- **isi asuma risc**
- **curios**
- **cauta unelte noi**

Cost Structure

List your fixed and variable costs.

Server & DB

Satellite data

Compute power

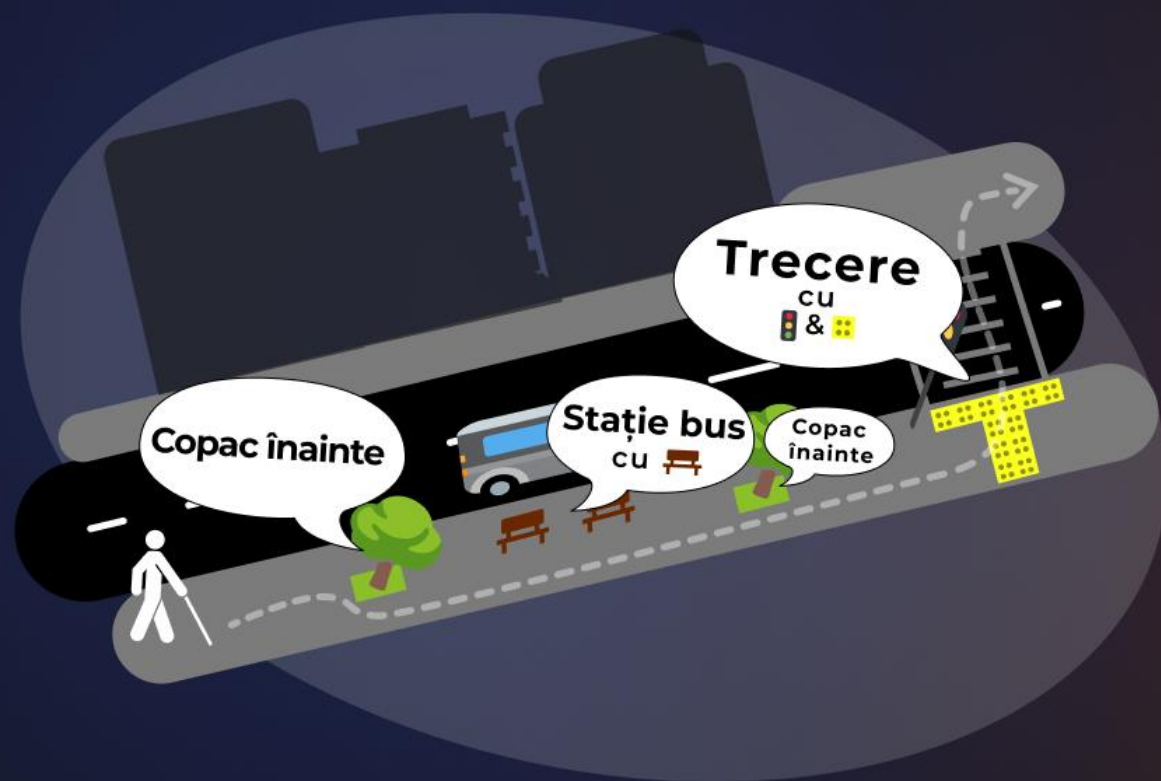
Revenue Streams

List your sources of revenue.

**B2G
Twin City &
Accessibility**

**CSR
Companii cu
impact social**

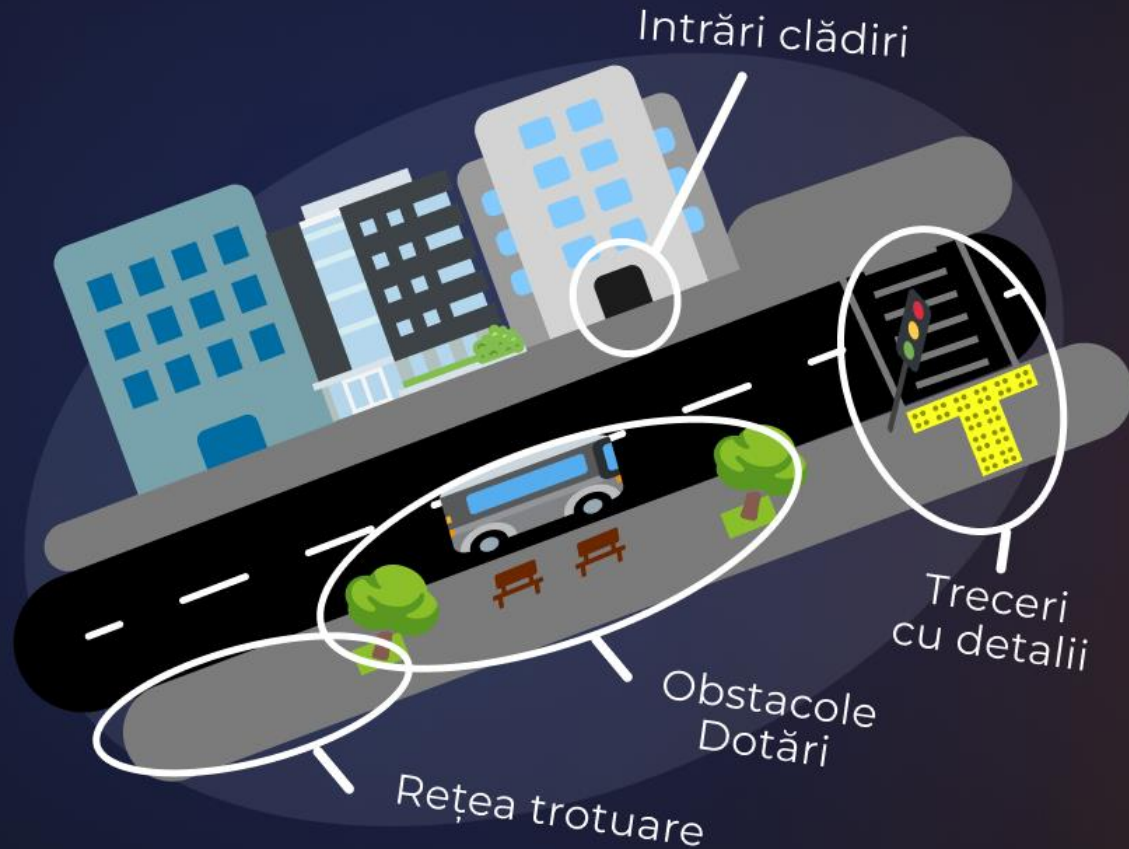
Navigație detaliată



Obstacole la nevoie



Inovare



- Harta cu detalii self-made
- UX îmbunătățit self-made
- AI real-time parțial
- Crowdsourcing not yet

AI Specs

YOLOv5s = 640 x 640

(Full variant, on V100)



mAP 50-95: 37.4

mAP 50: 56.8

params: 7.2M

Source : Ultralytics (<https://github.com/ultralytics/yolov5>)

(Mobile variant, on M11)

320x320

mAP 45: 25.8

CPU int8: 23ms

CPU float32: 61ms

(PyTorch > ONNX > OpenVino > Tflite)

(https://github.com/lp6m/yolov5s_android/tree/v1.0.2)

Pedestro

O lume accesibilă pentru toți

Voinopol Cosmin
AI, PM

Urban Robert
Maps

Mureșan Andrei
Back-end