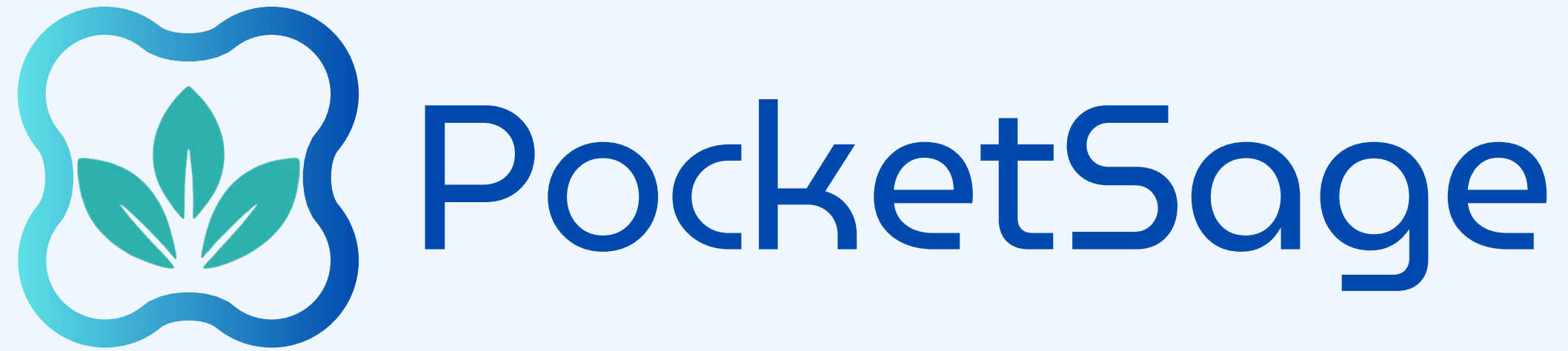


PRESENTED BY TEAM 312



An offline AI health companion designed for
low-connectivity regions

Intersystems Prize

Amina arrived in Chad 3 weeks ago with her two children.

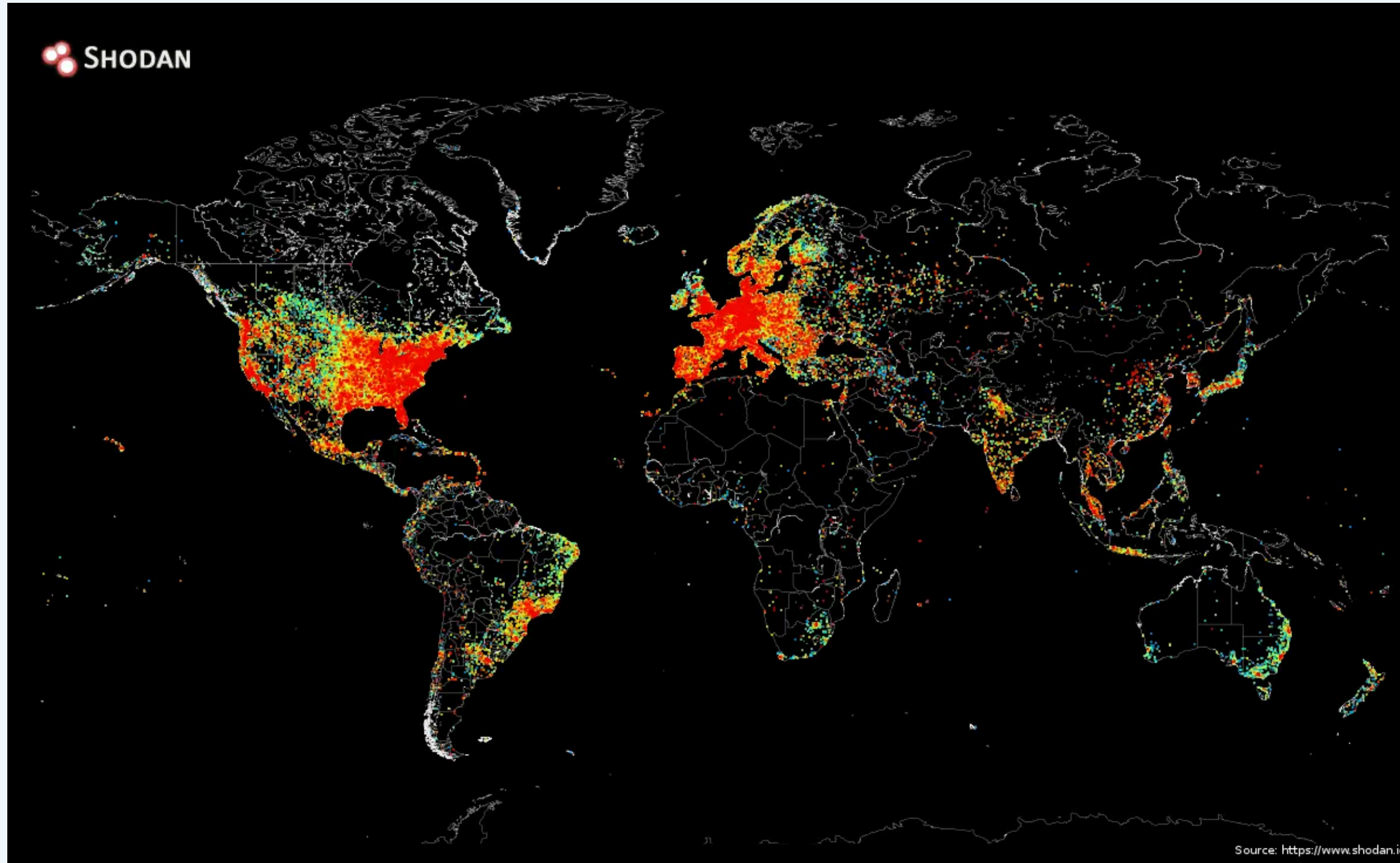
She has no cell signal, and there is no clinic within walking distance.

This morning, her son woke up with a fever.

Is this just a **cold**, or early manifestations of **malaria**?



Problem - Solution - Business Plan



Problem - Solution - Business Plan



Rural Areas



Traveling Communities



Natural Disasters



Refugees



Wilderness Exploration




Tourism

1) Digital health **fails** in low-connectivity environments

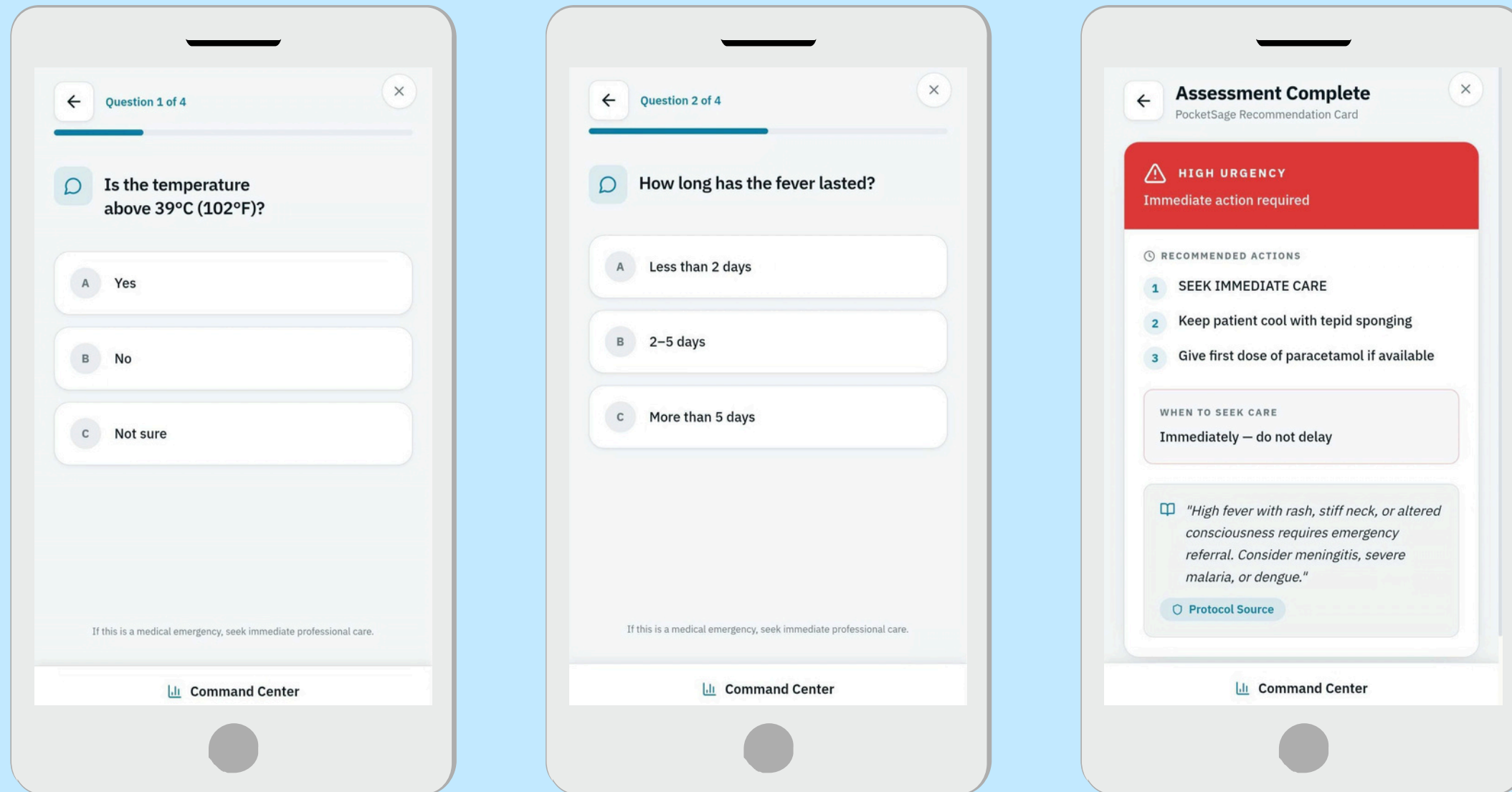
2) Lack of **education** about medical needs

3) Limited communication about local health **resources**



PocketSage

An offline-based, lightweight, knowledge distillation **edge AI**



Problem - **Solution** - Business Plan

Knowledgebase API Sign out

← Question 2 of 2

Any stiff neck, convulsions, or severe headache?

A No

B Yes

If this is a medical emergency, seek immediate professional care.

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HealthTech Founder, SME

Kulaghan Kumaradevan,
Commercialization
MedTech Consultant



Adithya Prakash, AI Engineering
CS Developer

Sophia Cha, Clinical
Validation
MD/PhD Candidate



PocketSage



B2B



B2C



B2Gov

TAM

~\$47.5m

SAM

~\$30.9m

SOM

~\$1.1m-1.4m

Future Markets

Information is the intervention



**Reducing health
burden**



**New
epidemiological
data**



Equitable Access

Amina opens **PocketSage** in Arabic and answers a couple questions.

How long has the fever lasted?

Is he vomiting?

Does he have a rash?

In 2 minutes, **PocketSage** tells Amina clearly: her son needs medical attention.

It tells her where the nearest MSF mobile clinic is.

She gets there in time.



TEAM 312



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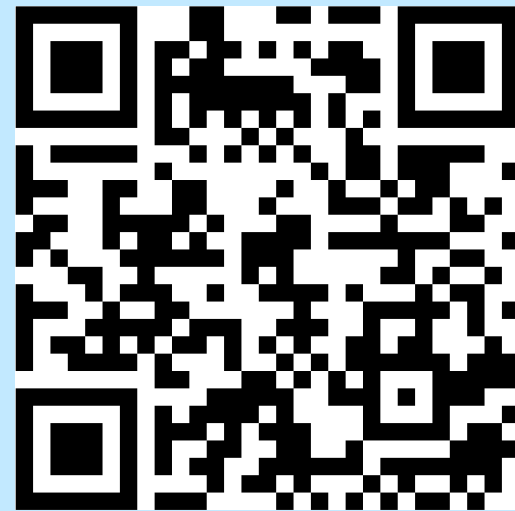


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**Looking for
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Competitive Landscape

Name	Works offline	Provides medical guidance	Collects patient data
PocketSage	✓	✓	✓
KoboToolbox (offline data collection for NGOs)	✓		
Dimagi / CommCare (CHW mobile platform)			✓
ODK / ODK Central (offline forms)	✓		✓
Medic Mobile (community health toolkit)			✓

Competitive Landscape

For Individuals



Requires Internet

Offline



For Medical Professionals

