iPrevent

We Can Dia-Beat It

Context

Context

10,000 diabetes-related deaths in 2021 in Kenya

18-36 year old adults, never willingly checked health status

The Problem

A lack of proactive diabetes measures is contributing to the escalation of diabetes cases which remain undiagnosed and untreated
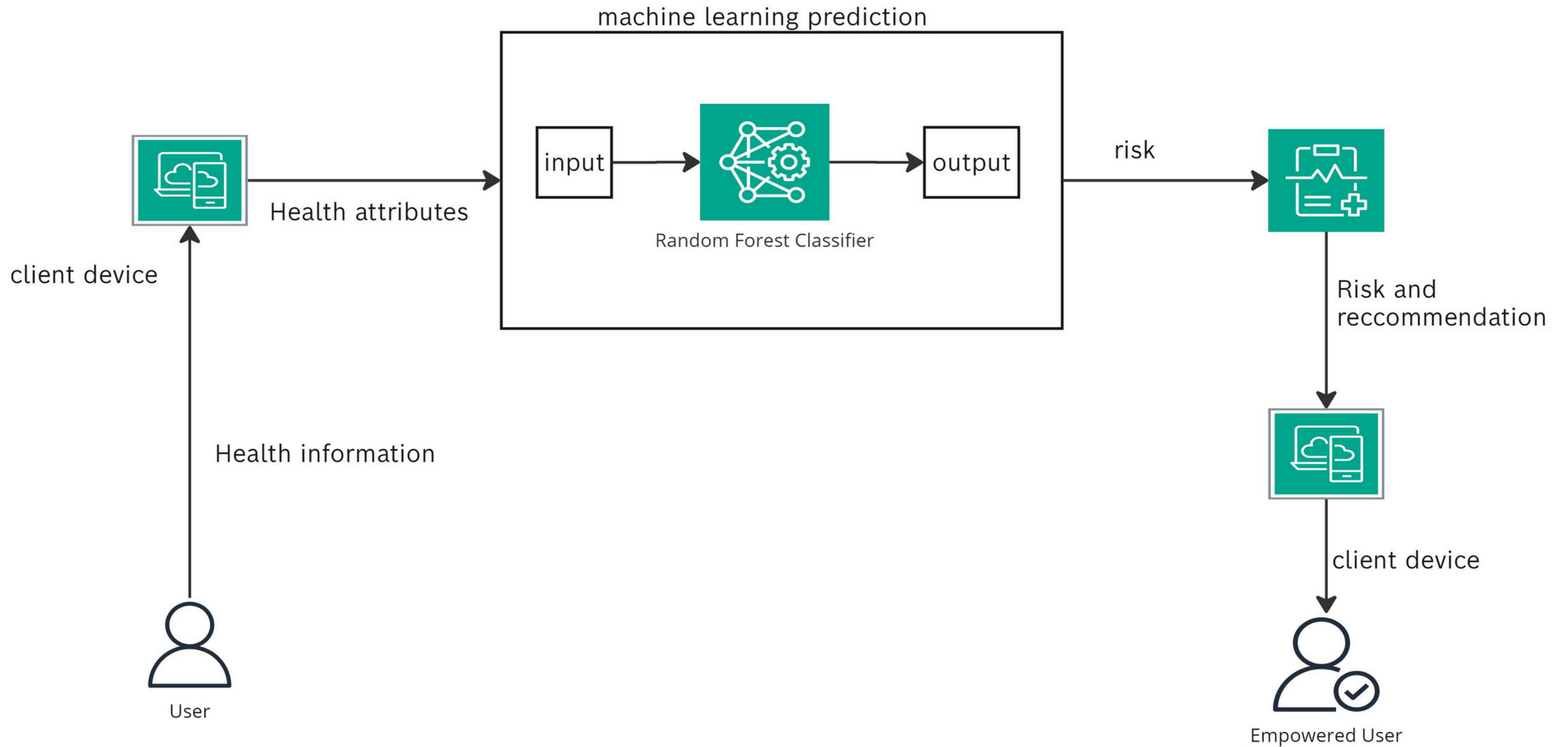
<u>Pilot Study</u>

76.9% of 18-36 year old respondents do not know their diabetes status

Proposed Approach

A Machine Learning model that predicts a user's risk of developing type 2 diabetes

Proposed Solution

machine learning prediction

input

Random Forest Classifier

output

risk

client device

Health attributes

Health information

Risk and reccommendation

client device

User

Empowered User

Gap

All lack predictive capabilities

Potential Benefit

Early intervention

Market Opportunity

35,000 undiagnosed patients

Solution Build Ask
2 M KES

Research
4.5%

Marketing
18%

Development
45%

Hosting & Infrastructure
32.5%
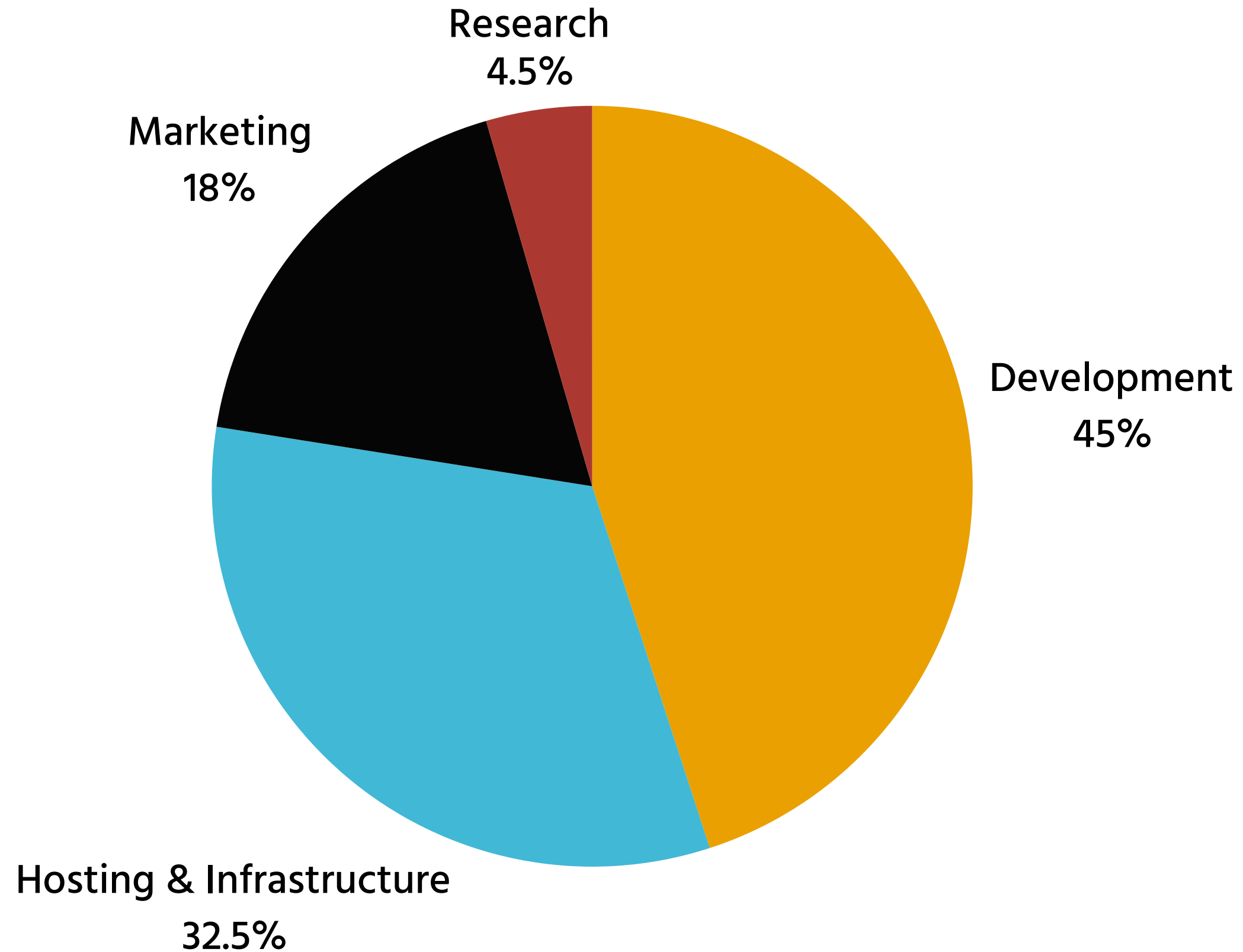
Team

Stephanie Mukami

UX & Web Developer

Brian Kinyanjui

ML & MLOps Engineer

Justine Kebiba

Data Scientist

iPrevent

We Can Dia-Beat It

What happens now?

iPrevent
We can dia-beat it

ISSUE/FEEDBACK	HOW WILL WE SOLVE IT?
• How will we make money?	Improve on our business model
• Add more context to the statistics	Apply more context in the problem background in the innovation document
• Clarifying the specific problem	Changed to "A lack of proactive diabetes measures is contributing to the escalation of diabetes cases which remain undiagnosed and untreated"