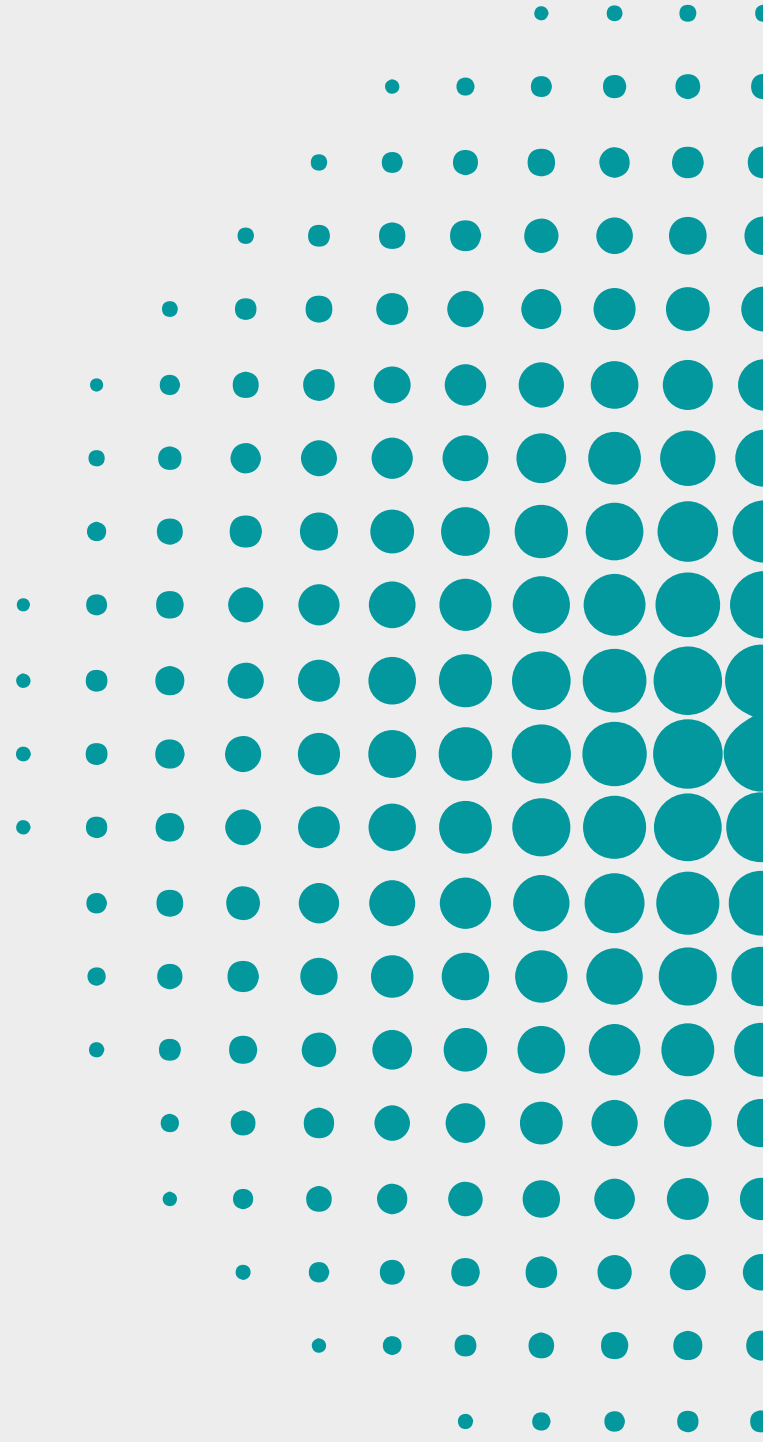




CellScan



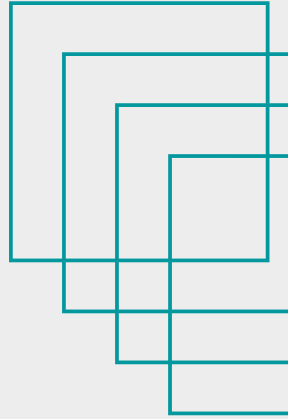


Table of Content

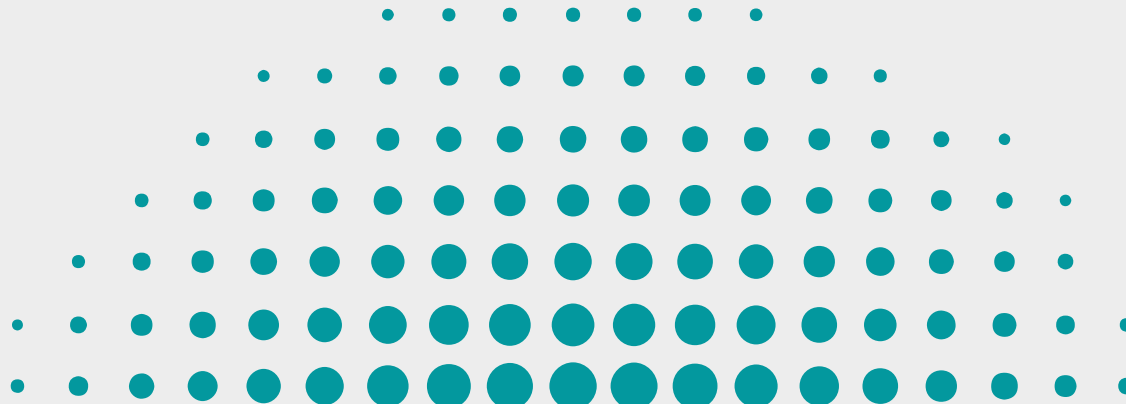


- Problem
- SDGs

- Solution
- Milestone

- Revenue model
- Our team

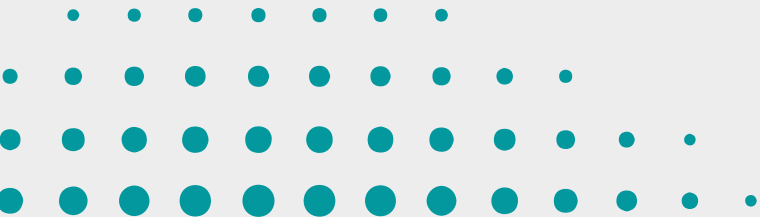
- Tech Used





Problem

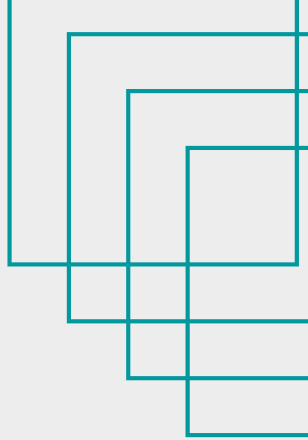
- **Malaria is a life-threatening disease caused by parasites transmitted to people through the bites of infected female *Anopheles* mosquitoes.**
- **Nigeria accounts for 27% of malaria cases worldwide and the highest number of deaths (24%) due to malaria in 2019 (World Malaria Report, 2020).**





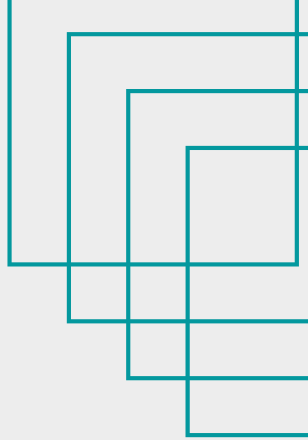
Problem

- **Early detection of malaria is mostly diagnosed in the laboratory setting requiring a great deal of human expertise**
- **Automating the detection of infected patients with malaria, is in dire need! This will ensure accurate diagnosis and greatly improve healthcare in resource-scarce areas like Nigeria.**

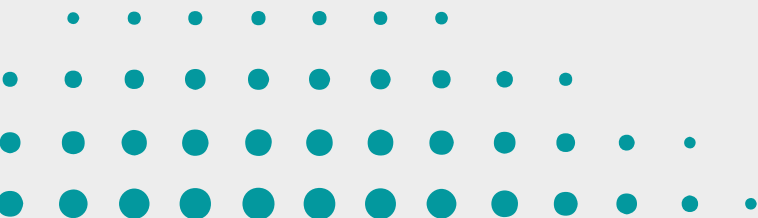




Solution

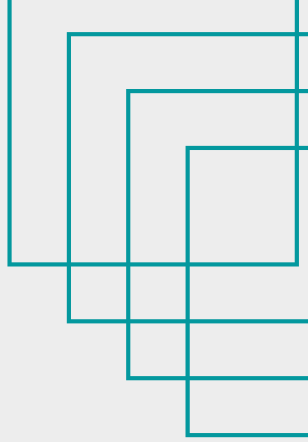


- **CellScan is a web app screening tool leveraging on a brilliant deep learning-backed system of algorithms, that would accurately detect malaria parasites from cell images, giving results at an incredible speed!**
- **We are combining our unique AI technology with Blockchain technology, to aid with a distributed and secure architecture, that promotes authenticity and integration of the Lab datasets processed by our AI technology.**





REVENUE MODEL



Mixed : B2B; B2C

**Subscription by all
stakeholders :**

- **Breast cancer research institutes**
- **Hospitals (Private and Public)**





REVENUE MODEL: Infographic

Iya Nike agrees to share her histological dataset.
An health wallet is created for her with pseudonymous address and stores as smart contract on our Blockchain.



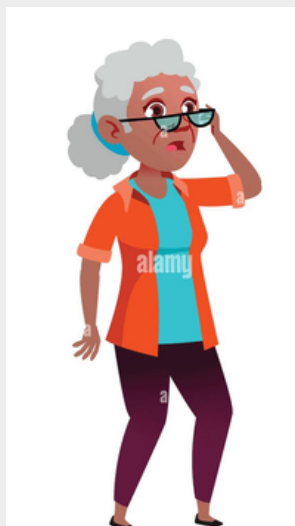
Shared ledger

Astrazeneca, Pfizer and co pay to access these dataset for their breast cancer and effective drug research



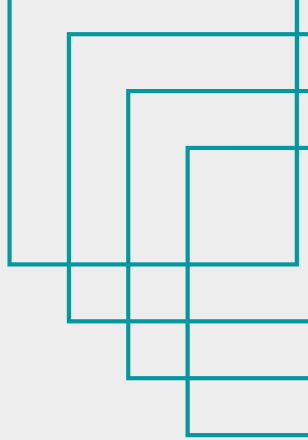
Blockchain;
for data security
and token reward

Healthcoin payment is converted to money, which iya Nike can use to purchase medication herself





Technologies Used



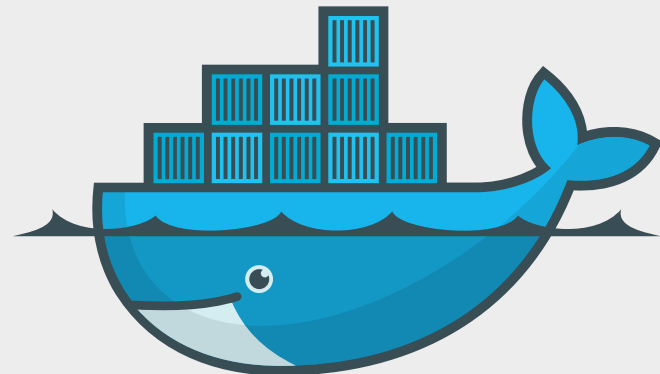
Kubernetes



Tensorflow



Google Cloud Platform

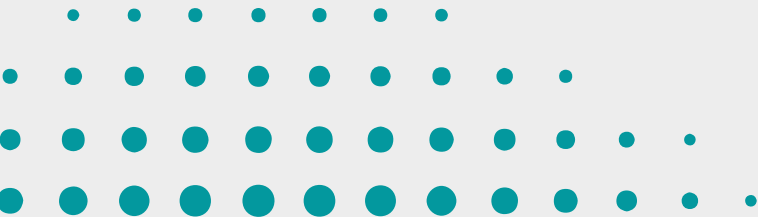
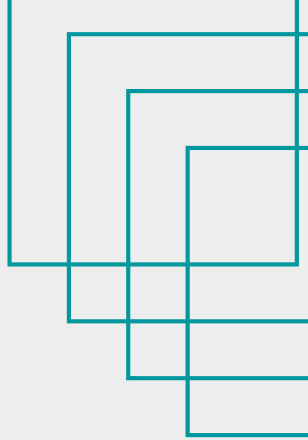


Docker





Aligning with the Sustainable Development Goals





Milestone

Partnership

On-boarding hospitals and
Pharma companies



Q1

Raise Money

to fund
development



Q3

Q2



Product Launch

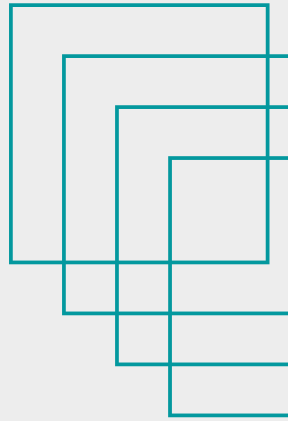
Q4



Get Traction
and launch new services

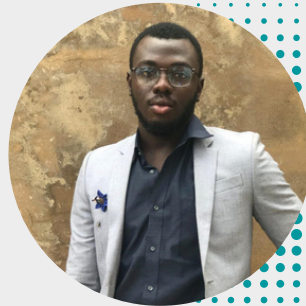


Our Team



**Alao
David**

**Medical student
ML Engineer**



**Oluwaseun
Alagbe**

**Mechatronics Engineer
AI Engineer**



**Bashirudeen
Opeyemi**

**Pharmacist-in-training
Clinical data scientist**





Thank You

