East Africa Youth Blockchain Challenge

Pan-African SSI and Procurement Reporting

VIBRANIUM ID

Thematic Areas

Whistleblower protection, Public Procurement, Financial Investigations

```
CONTAINER ID          IMAGE
1fea4045e9fb          mongo-express
f5570f98a660          mongo:latest
e0d0200b2c84          indy_pool
0c29532b98de          hyperledger/sa
2016f56cabbd          hyperledger/sa
caa260de3416          hyperledger/sa
1b43c4caa6d5          hyperledger/sa
```

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Realization 1: SSI for all

All of these thematic areas can utilize KYC for registration, what better way than having a self-sovereign ID solution?

Realization 2: Strong Use case

Is SSI enough, does it solidly fit into the themes, maybe not, let's have an simple, but powerful use case.

Realization 3: Procurement

An open platform for reporting progress or malfeasance for public procurement may be helpful. Use Hyplerger Indy & Sawtooth

Select Tender then add Contractor info

Procurement
Reporting System
powered by

VIBRANIUM ID

Which open tender are you reporting on?

○ Tender 1 -- Unclaimed Financial Asset Authority Security
Improvement

○ Tender 2 -- NHIF Data Analytics Platform

○ Tender 3 -- National Highways Authority KeNHA/2337/2020

Continue

Have an account? Login

+ + + +

Procurement
Reporting System
powered by

VIBRANIUM ID

Tender 1 UFAA Security Improvement

Contractor Information
Fill out what you can

Select Country

-

Registered Procuring Entity

Persons Being Reported (Separate with semicolon)

Go Back   Continue

Have an account? Login
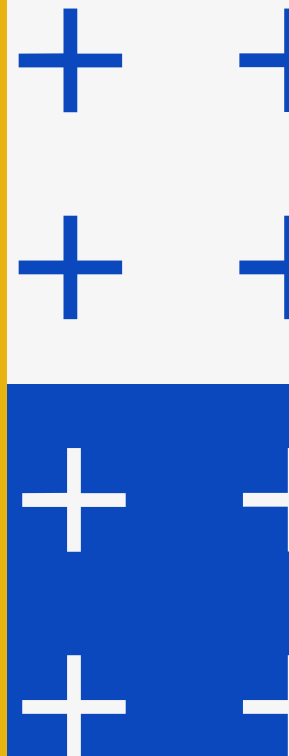
Provide a list of open tenders,
make it searchable in future

You have to identify about whom
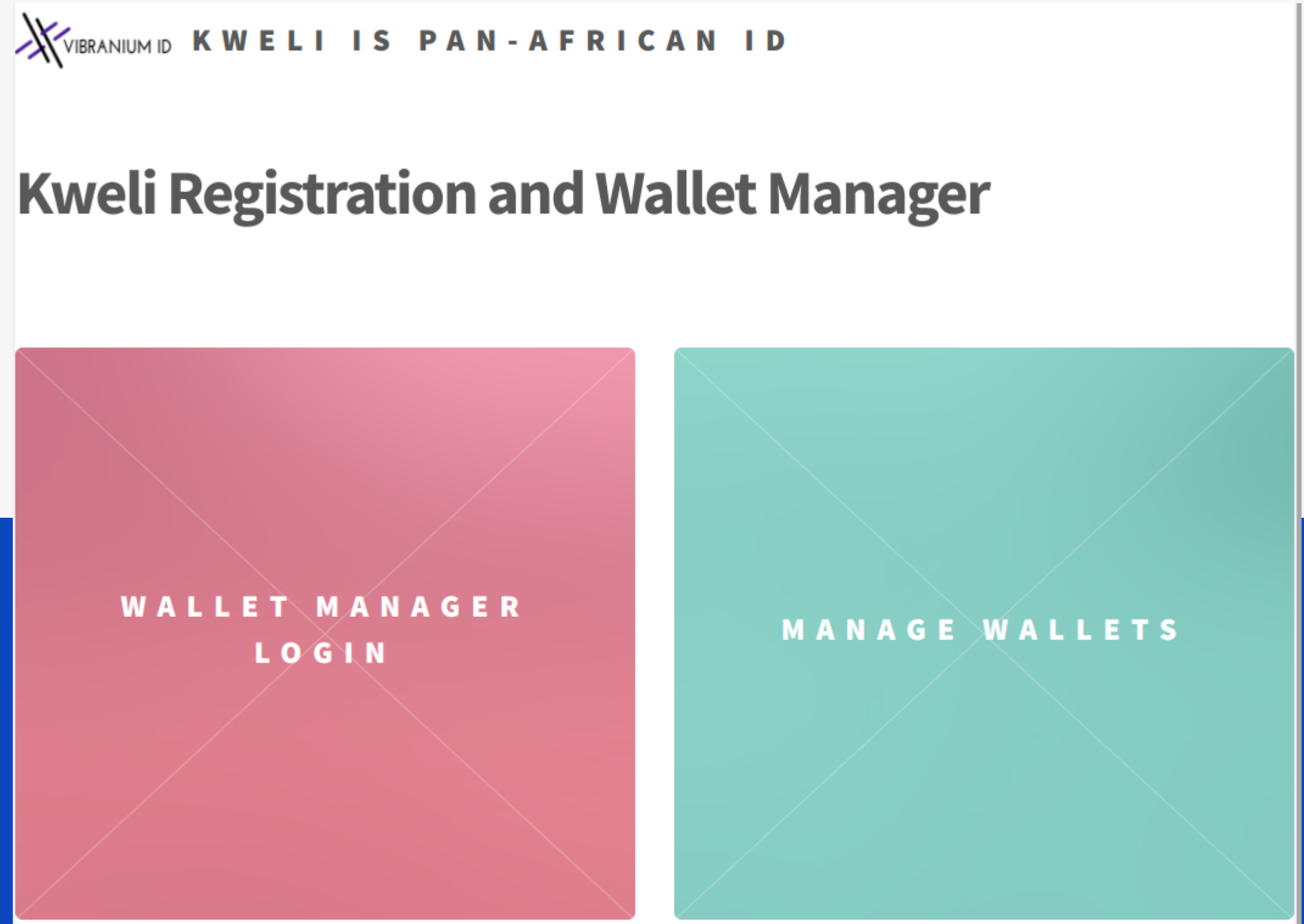the report is being made.

Make a Claim then

Select report type and say what needs to be communicated.

Verify & Submit

Talk to Kweli SSI for KYC and submit report.

Kweli Dashboard

Admin login and wallet manager

Admin Login

WALLET MANAGER LOGIN

Name

kweli-wallet

Credentials

••••••••

Secret

••••••

Set Values ✈ Cancel

localhost:3005 says

{"message":"Wallet manager logged in","value":5}

OK

WALLET MANAGER LOGIN

Self explanatory

Manage User Wallets

Self explanatory

WALLET MANAGEMENT INTERFACE

×

Available Wallets

ManyWomen
unodc_test
unodc_test2

Name

DOES WALLET EXIST

Company name

Credentials

Dat password

Cancel

Mongo DB

Mongo Express

Viewing Database: KweliIdManager

Collections

+ Create collection

5f09bf8d0b2c522582074b7c	⊖{ "id": "ManyMen" }	0	⊖{ "key": "men" }	⊖{ "basic": "DPiL1anxQ9w" }
5f1d792ebfa3a7b8f4d7b791	⊖{ "id": "S1" }	0	⊖{ "key": "pass1" }	⊖{ "basic": "Y5VdCmvJT2r8" }
5f1d7d1ef7d654a5218fc8d9	⊖{ "id": "S4" }	0	⊖{ "key": "pass4" }	⊖{ "basic": "DHxfTcTGr5x8" }

vybewallets
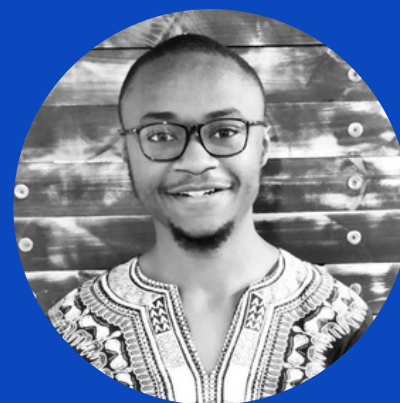
🗑 Del

Mongo represents user device

The Team
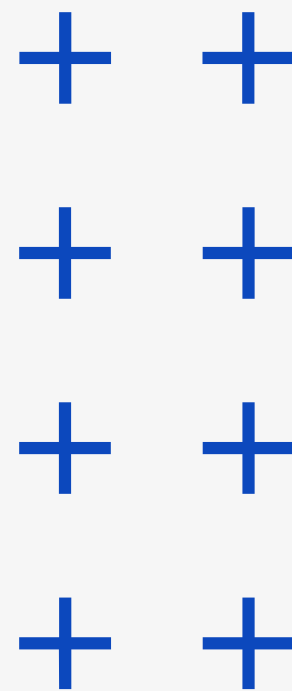
Daniel Olamide

Professor S

Eddie Kago

Future Roadmap

1. Extend Kweli wallet manager, and open API
2. Create Sawtooth DAML smart contracts for report submission.
3. Obtain data and pilot.

REQUIREMENTS
Q1 2021

1

SYSTEM DEVELOPMENT
Q2 2021

2

SYSTEM DEVELOPMENT & TESTING
Q3 2020

3

DATA TRANSFER & PILOT
Q4 2021

4

Thank you!

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