Project Synopsis/Project Concept Document v2

Project number	14
Project Title	Sustainable livelihood planning through GIS-based scientific inputs and practices
Document	DASS Project Concept Document
Creation date	28th January 2021
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Client	Mr. Venkata, Pure Earth foundation

Introduction:

The client started by showing us the geographical data recorded by the satellite in farms of Mozambique. The farmers there are a part of a pilot project already underway, which we have to work to expand upon.

The satellite records the readings at regular intervals and a bot measures the difference in vegetation and moisture levels. The idea is that the farmers take loans to irrigate/fertilize their fields, thus a change should be visible in their farms. This is to ensure accountability and to prevent misuse of the loans.

Description

We create a community-based, decentralized cryptocurrency that can be lent out as short-term, small-scale loans. The idea behind that is the amount would be too small to be worth defaulting (and bearing the social consequences) yet big enough to boost their work.

Profile of Users

The main users of this project will be poor farmers who need microloans that can be repaid within a short period of time. For these poor farmers, traditional banks are very difficult to obtain loans from. This keeps them in a perpetual state of poverty, preventing them from being productive. There needs to be a way to provide funds to these farmers while also ensuring security and returns for the lenders.

The proposed plan:

- Fork the Alchemix lending platform
- Fork the Olympus Dao de-fi protocol
- Add a front-end for the users
- Connect Crypto wallets to the front-end
- Make a new currency for the community
- Connect and List the Currency on DEX
- Host the entire thing on IPFS (Interplanetary File System)

- Add Other Things which seem necessary

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│  Fork "Alchemix" open    │                    │  Fork "Olympus Dao de-fi │
│  source project, which   │                    │  protocol" open source   │
│  is required to create a │                    │  project, which is the   │
│  lending platform for    │                    │  protocol required to    │
│  our app                 │                    │  create the lending      │
│                          │                    │  system.                 │
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Create a front end for our platform which facilitates these 2 things and which is very intuitive to use even for a user of non-tech background

Client satisfied with the front-end ?

No

Yes

Connect the Crypto wallets using the open source project to the front end of our app.

Create a Crypto currency, which will be used exclusively for the purpose of our platform and will be used by our community.

Client satisfied with Progress ?

No

Yes

Connect and List the Crypto

Connect and List the Crypto
currency on DEX (Decentralized
exchange)

Host it on IPFS (Interplanetary File
System)

Final Review with the
client

Final Testing of the app by trying the
app among a certain community.