

DNGO & DNGO Books

Abstract

The first part of this article explores the working principles of Dngo. Dngo is the first blockchain based and decentralized NGO of the world to serve civil society purposes. Dngo aims to increase civil society participation by incentivizing every contribution with cryptocurrencies. By creating its own blockchain based community, Dngo also seeks for providing an open room for deliberative democracy on Steem blockchain. In the second part of the article, Dngo's first project Dngo Books, will be explained in detail. Dngo Books is a blockchain based project which is specifically designed to incentivize people to create a blockchain based, multilingual and publicly accessible audiobook archive.

Introduction

Dngo is the world's first blockchain based NGO. Dngo runs on project based model. It creates various projects to incentivize people to provide valuable outputs. The project outputs, say audiobook archive or language learning database, are publicly accessible. Apart from gifting those valuable contents to the humanity, Dngo dedicates a decent share of its curation rewards and its Community Fund to make donations and charities to support people who are depriving resources. To achieve these goals, Dngo has four founding principles guiding and framing its activities:

Open Democracy Principle

Dngo encourages its community members to raise their voice freely and take part in internal decision making processes without facing any exclusions. The main practical implication of this principle is that it allows Dngo community to decide on which charities to make by using the resources accumulated on Dngo's community fund. And also a decent share of the curation rewards achieved by the projects will be used in same direction.

Accountability Principle

Basing Dngo on Steem blockchain brings the intensified scrutiny on Dngo teams' earnings. By this way, each member of the community can easily reach the logs of the payments that have been made to Dngo team. Accounting before the public prevents Dngo staff from attempting to abuse the rewards pool. This solves one of the biggest problems in the field of NGOs.

Transparency Principle

Transparency is also another major issue in the NGO works. The features of Steem blockchain allow any application to become truly detectable by everyone. This ensures that every interaction between Dngo team and community members are

Blockchain Environmentalism Principle

It's a social duty for any NGO to be environment friendly. Since Dngo is a decentralized application on Steem blockchain, it should pay maximum attention to its environment, namely Steem blockchain. Dngo dedicates itself to become blockchain friendly in its all projects.

How does it work?

Dngo's existence on Steem blockchain is integrally dependant on the projects that it makes. Dngo's business logic follows 3 steps:

- 1) Designing projects which will provide freely accessible material for the humanity.
- 2) Incentivizing people to contribute to those projects by rewarding them with Steem Power and Steem Dollars.
- 3) Using a decent share of it's curation rewards to make charities and donations.
Additionally, creating a Community Fund through the Upvotes to serve the same purposes.

Under this model, the end material of Dngo projects are considered as common goods and they are freely accessible by everyone without any restrictions. People who are contributing the Dngo projects are being rewarded for their valuable effort. This provides people a sustainable and reliable source of income. As a decent share of curation rewards and all of the funds available on Community Fund are being used for charities, Dngo fulfills the task of assisting people who are in actual need. Furthermore, motivating people to put their efforts for a greater good would increase the social awareness and solidarity between the members.

This model is called "*Fair Share Script*". Fair share script is also common good and it could be freely applied by other decentralized applications.

DNGO Books

Dngo books is Dngo's first project specifically aims to incentivize people to collectively create multilingual audiobook archive, mainly to serve visually impaired people. Dngo Books is also based on Fair Share Script. As Fair Share Script guides, the following result are expected to be achieved within Dngo Books projects:

- 1) Creating a publicly accessible, multilingual and collectively produced audiobook archive mainly for the public. A special emphasis will be given to the visually impaired people
- 2) Creating a sustainable income source to the Steemit.com users and diversifying and enriching their user experience on the platform

- 3) Assisting people in real need by using Community Fund account and curation rewards. This would increase Steem blockchain's visibility and make it more sympathetic to the people.

Dngo Books project pays topmost respect to authors royalties. In Dngo Books users are only allowed to make audiobooks of the books which are in public domain. Gutenberg project, Harvard University's public collections, and other public library collections contain more than 16 Million freely accessible public domain books togetherly.

Becoming A Contributor and Getting Rewarded

Becoming a contributor to Dngo Books project is pretty simple. Users can produce audiobooks and get rewarded for their valuable efforts by proceeding into following steps:

- 1) In order to become contributor to Dngo Books projects, individuals are first required to have a steemit.com membership. The existing steemit users or people who completed the registration process can join Dngo by simply visiting Dngo.io. Allowing steemconnect to access required permissions will enable them to use their Steemit.com account on Dngo website. Dngo doesn't require users to share their Owner keys. The required permissions are only needed for posting and commenting. With the posting and commenting permissions Dngo would be able to post individual contributions on Steem blockchain so that the users can get their rewards for their contributions.
- 2) After the registration users are can immediately start making audiobooks of the books listed on Dngo database. Dngo uses archive.org's free e-book database to list public domain books. Listing the public domain books would prevent potential copyright abuses and increase user experience.
- 3) When they are decided on which book to voice, they can proceed into contribution process simply by clicking on Contribute button. The user friendly interface guides users to contribute Dngo Books easily.
- 4) As the last step, the user contributions are required to be reviewed by Dngo Books moderators. The moderators are responsible for achieving a solid quality standards in Dngo Books project. Dngo Books moderators check the quality and originality of the contributions. Only the approved contributions are being posted on Steem Blockchain. Due to Dngo's Environmentalism principle, we do not post the material which fall short on meeting the quality standards. Furthermore, this serves a second layer of copyright protection. If the moderators detect a copyright infringement, they would reject the contribution. This way Dngo protects both Steemit.com, Dngo.io and the users from having problems with copyright holders.
- 5) Posting the approved contributions on Steem blockchain allows Dngo and also other steemit.com users to upvote the contributions to evaluate them. Dngo upvotes the contributions

depending on the quality of them. Using the floating upvote weights is a mechanism to incentivize users to produce more quality contents.

A Publicly Accessible Audiobook Archive

Each individual contribution makes it more closer to build a collectively produced, blockchain based multilingual audiobook archive. Dngo plans to make use of this audiobook archive to help people benefit them without being charged. As audiobooks are fundamental assets for the humanity, especially for the visually impaired people, Dngo aims to transfer the the audiobooks archive to CD format to send it to the NGOs working with visually impaired people. Besides, we have countless other possibilities to make use of the archive. The Dngo community can come up with suggestions and recommendations regarding the further usages of the audiobooks.

Conclusion

Dngo, as being the first NGO based on blockchain, aims to revolutionize the field of Civil Society movements by relying on Steem blockchain's advanced features. Dngo Books is the first step that we take in this great journey. Dngo's Fair Share Script enables everyone to produce valuable content for the humanity while being rewarded for their efforts. Besides their valuable contributions, Dngo members are also helping Dngo to accumulate funds which will be used for making charities and donations to the people who are in actual need.