



Pondpaper - NFTDeployer, NFTViewer

\$DUCK

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0.1 Abstract

Zilliqa is currently undersaturated in ways to let users interact with ZRC-1 (Zilliqa NFT standard). The difficulties faced by non-technical users creates unnecessary friction when attempting to experiment with ZRC-1. The offerings to users are minimal in the Zilliqa NFT space, in which the only interactions are to buy the NFT for the sake of the name behind it.

This functionality was developed by \$DUCK during the hackathon, and is now being utilised in our platform.

0.2 Project: NFTDeployer

NFTDeployer allows users to deploy ZRC-1 Non Fungible tokens to the Zilliqa Blockchain. Once a ZRC-1 is deployed, users may interact with the contract to mint NFTs to Zilliqa addresses. A ZRC-1 token has an associated metadata URI where users can store their content. If users want to store multiple URIs then a JSON file containing each metadata row could be implemented as a solution by the user.

Users may leverage IPFS as to upload local files either on or off site, else they can use an existing URL. NFTDeployer uses Pinata [1] as its IPFS host of choice due to its free 1GB IPFS storage. Users can make an account and generate API keys to use in the NFTDeployer application via Pinata's documentation page[2].

0.3 Project: NFTViewer

Currently Viewblock [3] only allows verified ZRC-1 NFT contracts to be viewed on Viewblock, and leverage an internal API to surface all NFT contracts that a certain wallet holds which currently isn't exposed to the public.

NFTViewer allows users to import contracts they own a token from and perform interactions with it such as transfer, burn and share. Currently NFTViewer is one of the only ways to view non verified NFT contracts on Zilliqa.

NFTViewer by default can see all of the contracts deployed via NFTDeployer. When the receiver of a token is signed in on the NFTViewer the minted token should be shown without importing the contract directly.

0.4 Revenue

0.4.1 Revenue from Deployer

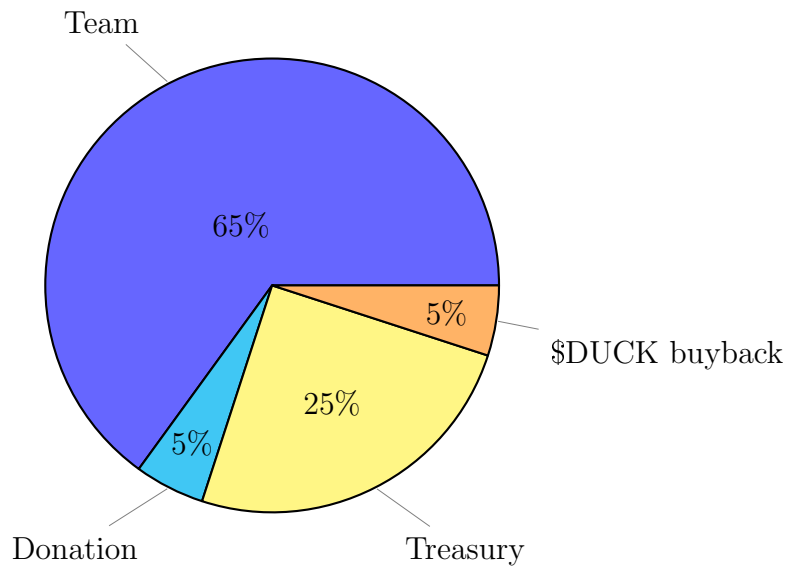


Table 1: Distribution for profits made from NFTDeployer

0.4.2 Team Split from Revenue

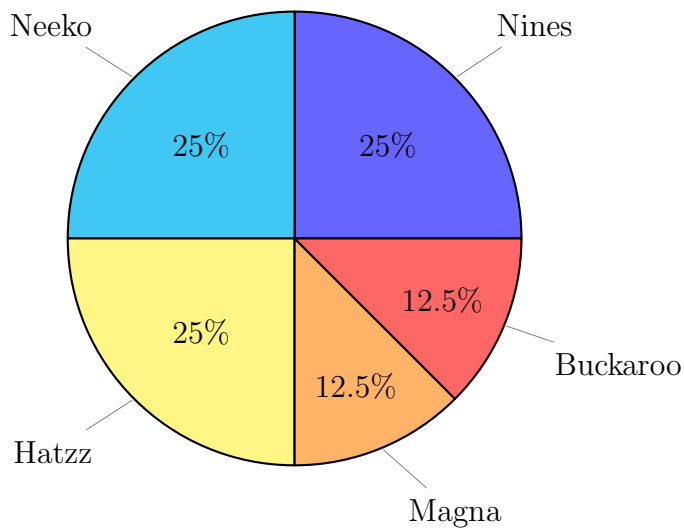


Table 2: Team profit distribution

0.4.3 Charity Spilt from Revenue

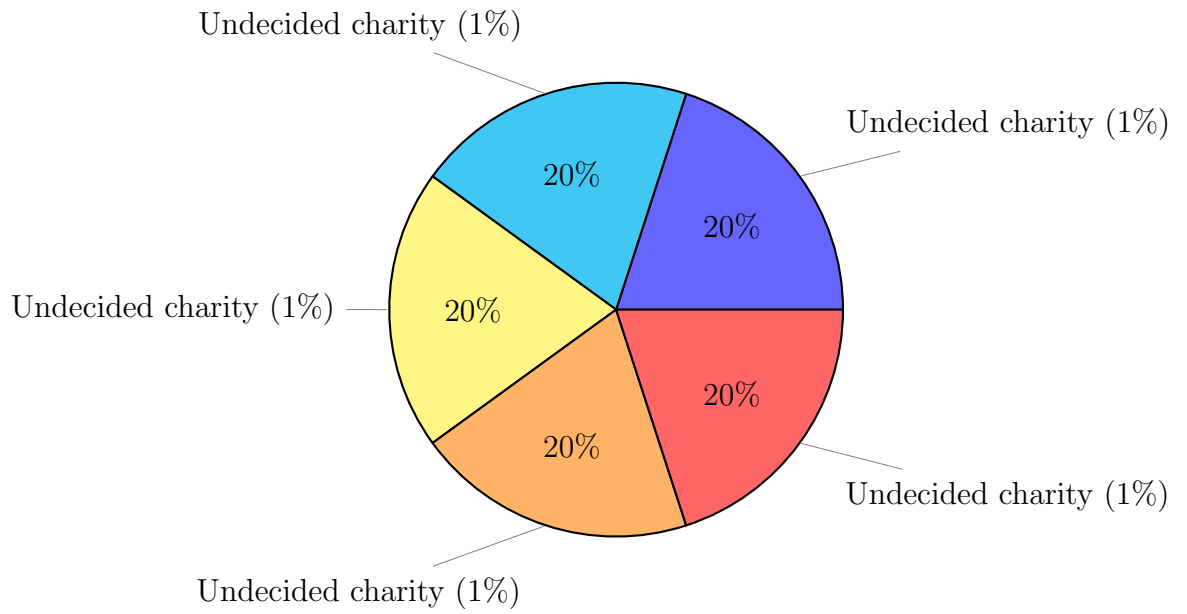


Table 3: Charity profit distribution

0.4.4 Hackathon Winnings

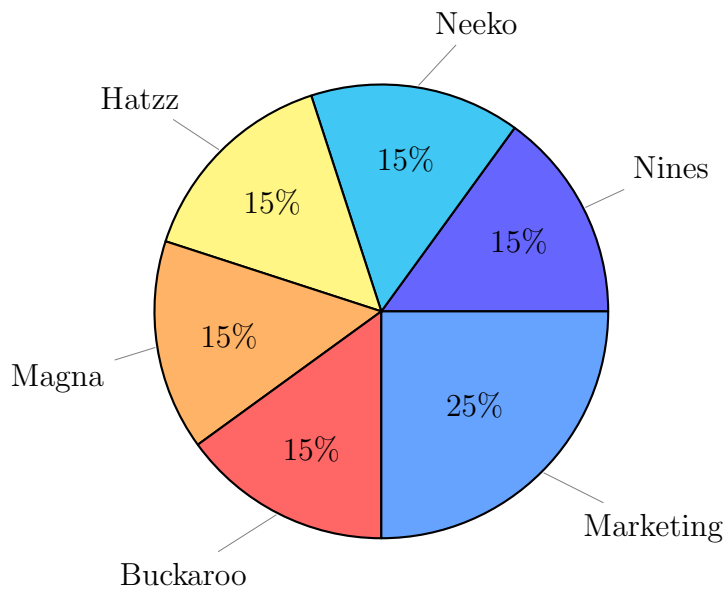


Table 4: Hackathon winnings distribution

Bibliography

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`pinata.cloud`
- [2] *pinata.cloud/documentation* - Pinata API Documentation,
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- [3] <https://viewblock.io/zilliqa/address/zil1crpn8dhl92vvd92ejlgftmjazcxwr25u8x9e8k>
- Viewblock Verified ZRC-1 Contract
Viewblock Explorer
- [4] *NFTDeployer* - duck.community
<https://app.duck.community/nftdeployer>
- [5] - *NFTViewer* - duck.community
<https://app.duck.community/nftviewer>