SmartContract for Digital Image Licenses

Bernardo Schmidt Farias
Nicole Schmidt

November 2019

1 Idea

Blockchain application as a tool for buying and selling copyrights and licensing over digital images.

2 Motivation

It's not unusual occurrence of robbery in digital works, situation which harms both artist and the independent art development. This project aims to provide a tool that helps artist in selling and distributing their work. Thus, we have the purpose of hinder piracy, or at least make it difficult to happen, while making it easier to the artist to receive royalties for his/her work.

3 Justification

Since blockchain is decentralized, we reduce the need of a certifying entity, which could entail additional costs for the artist. We also have an agreement about the universal order of events, that is, content creation and publication.

4 Functional Requirements

- Publication of digital media in the blockchain

- Right of use purchase

- Full right purchase

5 Non Functional Requirements

- The smart contract must be written in Solidity