

Platform to buy and sell art.

A decentralised **platform to buy and sell art**. The application should allow users to upload art, store it on the network as an asset and then allow other users to buy this at a predetermined price as decided by the owner. Resale should allow price to be changed, but 1% of each resale goes to the original owner.

Functional Requirements

- The application should use Metamask to execute transactions on the network.
- Each user is allowed to:
 1. Browse all the art available for sale and buy one or more art asset.
 2. Upload new asset as owner or resell the asset they own.
 3. Resale should allow the original owner 1% of the price.
- Each art
 1. Should have a name.
 2. A price can be modified by owner.
 3. Signature - as sign of authenticity
 4. Resale of art whose signature does not match, should not be allowed.

Tech Stack

- **Solidity** (Smart Contract)
- **Ganache** (Local ethereum test blockchain for testing)
- **Truffle** (DApp Framework)
- **Web3.js**
- **Metamask**
- **Ethereum Network**
- **HTML, CSS, JS/Angular/React**