**Rfox NFTs feature list**

**I. Use case**

* You can create your own customized collection with our platform
* You can let people buy and sell your NFTs on the markeplace and get royalty fee as reward

**II. Feature list**

**1. Create project**

* Standard
* Whitelist + Bot prevention

**2. Create NFT collection**

* Upload NFT image to decentralized file storage
* Create collection

+  **Standard NFT contract**

·     Collection name (String) - unchangable - required

·     Collection symbol (String) - unchangable - required

. Collection description (String) - unchangable

. Royalty fee (Number) - set on OS for now - unchangable

·     NFT price + currency (currency unchangable) - changable - required

·     Max NFT (Number) - unchangable - required

·     Max token minted per transaction (Number) - changable - required

·     Sale Start Time (Number / unix timestamp) - unchangable - required

·     Sale End Time (Number / unix timestmap) - unchangable - required

·     Owner (Address) - changable - required

. Reveal NFTs (toggle) - changable

. Pause Minting (toggle, default Off) - changable

* **Whitelist / Presale NFT contract**

·     Collection name (String) - unchangable - required

·     Collection symbol (String) - unchangable - required

. Collection description (String) - unchangable

. Royalty fee (Number) - set on OS for now - unchangable

·      NFT price + currency (currency unchangable) - changable - required

·      Max NFT (Number) - unchangable - required

·      Max token minted per transaction (Number) - changable - required

·      Sale Start Time (Number / unix timestamp) - unchangable - required

·      Sale End Time (Number / unix timestmap) - unchangable - required

·      Public Sale Start Time (Number / unix timestamp) - unchangable - required

·     Whitelist max token minted per address (Number) - changable - required

·      Whitelist price (Number) - changable - required

·      Owner (Address) - changable - required

. Reveal NFTs (toggle) - changable

. Pause Minting (toggle, default Off) - changable

**3. Update NFT collection**

+  **Standard NFT contract**

* Pause minting (protect critical Buy functions)
* Update NFT image, video
* Update NFT price
* Update max minted token per transaction
* Mint NFT for rewarded addresses
* Update contract owner
* Approve
* **Whitelist / Presale NFT contract**
* Pause minting (protect critical Buy functions)

As collection owner, I want to have the ability to put a temporary hold on these sales or mints, so that I can control when sale start time because sale date can be affected by some factors, that make intended sale time later than I expect

* Update NFT image, video

As collection owner, I want to update new NFT image, video when reveal time comes

* Update NFT public sale price, presale price

As collection owner, I want to update NFT price, so that I can adapt with market move and attract customer with affordable price.

* Update max minted token per transaction

As collection owner, I want to update max minted token per transaction, so that I can mint all remaining token in one transaction (if collection is not sold out or keep amount of NFT for teams and further use) or I want to let customers mint more

* Update max presale minted token per address

As collection owner, I want to update max presale minted token per address, so that I can limit presale amount of NFTs and leave remaining NFTs for public sale.

* Update merkle root for whitelist

As collection owner, I want to update merkle root for whitelist, so that I can control who are eligible for presale mint

* Mint NFT for rewarded addresses

As collection owner, I want to mint NFT for specific address, so that I can reward loyal customers

* Update contract owner

As collection owner, I want to update contract owner, so that I can transfer ownership to other wallet after selling the collection

* Withdraw

As collection owner, I want to withdraw NFT sale amount, so that I can use it to maintain, support and develop the project.

* Approve

As user, I want to approve NFTs, so that I can sell it on the marketplace

**III. RfoxTV case**

* Customer can mint videos as NFTs

As RfoxTV owner, I want a minting function for RfoxTV video, so that I can let customer mint and own their videos as NFTs

* Update price, sale token for future change

As RfoxTV owner, I want to have ability to update NFT price so that I can adjust price as market moves or as product growth

As RfoxTV owner, I want to have ability to update sale token so that I can use other token like Rfox for NFT minting as I want to spead Rfox for circulation, rather than stuck with ETH forever.

* Mint NFT for rewarded addresses

As collection owner, I want to mint NFT for specific address, so that I can reward loyal customers

* Update contract owner

As collection owner, I want to update contract owner, so that I can transfer ownership to other wallet after selling the collection

* Withdraw

As collection owner, I want to withdraw NFT sale amount, so that I can use it to maintain, support and develop the project.