

Assumption for MVP

1 share = 1 redeemable ticket

Methods

Transaction Service
Artist

- Create Share (create NFT)
 - List Share (list NFT)
- } → OpenSea API

Investor

- Buy Shares (buy from some other user / artist)
 - Transfer shares (selling own share to other user)
 - Redeem shares (transfer share to artist)
- } → OpenSea API

Create User (Creating User in DB, Linking Wallet) } → user service
Login User (Getting User info)
Generate Ticket (Generating QR code) } → ticketing service
Register Share (Storing NFT info in service)
Search Share (Retrieving NFT info in service) } → Search service

