# EFNPRO'S NFT MINTING AND CONTRACT MANAGEMENT SYSTEM

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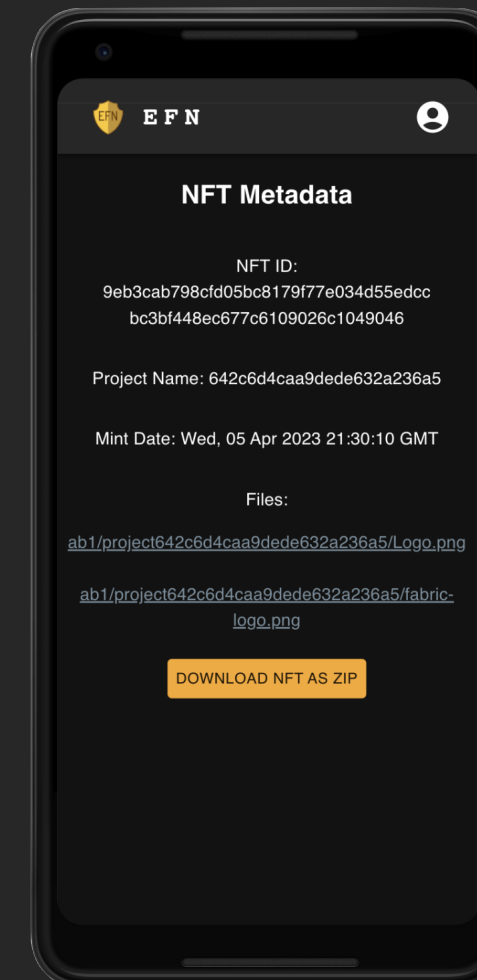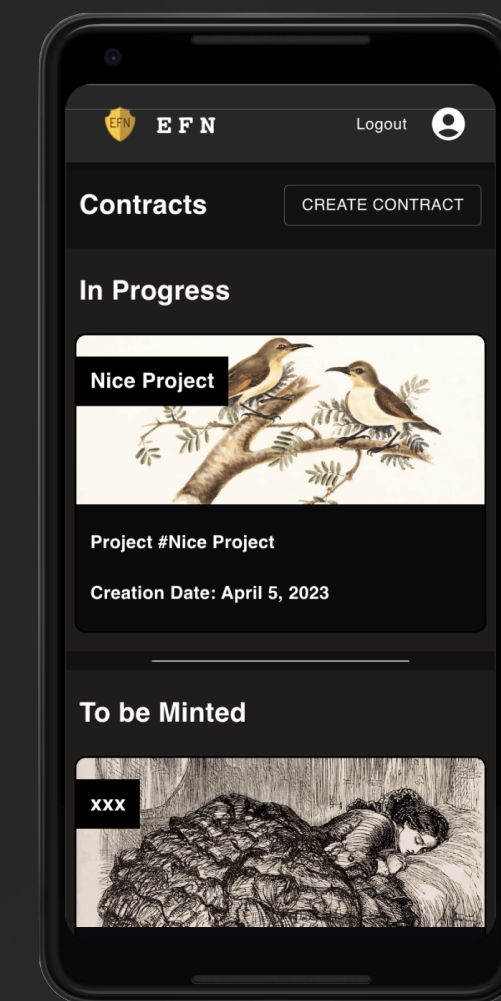
## Background

EFNPro is a NFT based contract negotiation and fulfillment application for creatives/artists. It aims to create and securely manage legal contracts between creative professionals and their clients.

EFNPro's NFT Minting and Contract Management System (ENMS) is a core component of EFNPro's backend responsible for keeping critical transactions immutable, tracking contract milestone completion status, and minting NFTs.
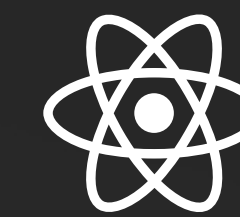
## Purpose

The application of a permissioned blockchain in this context serves a clear purpose. Allowing creative professionals to feel confident that their contracts are backed by an immutable ledger which can be distributed across multiple trusted legal entities. Furthermore, the minted NFT contains all the necessary files, and records for the client to prove intellectual property ownership. Finally, by having a permissioned blockchain, as opposed to public, both clients and users can be assured their contracts are kept confidential.
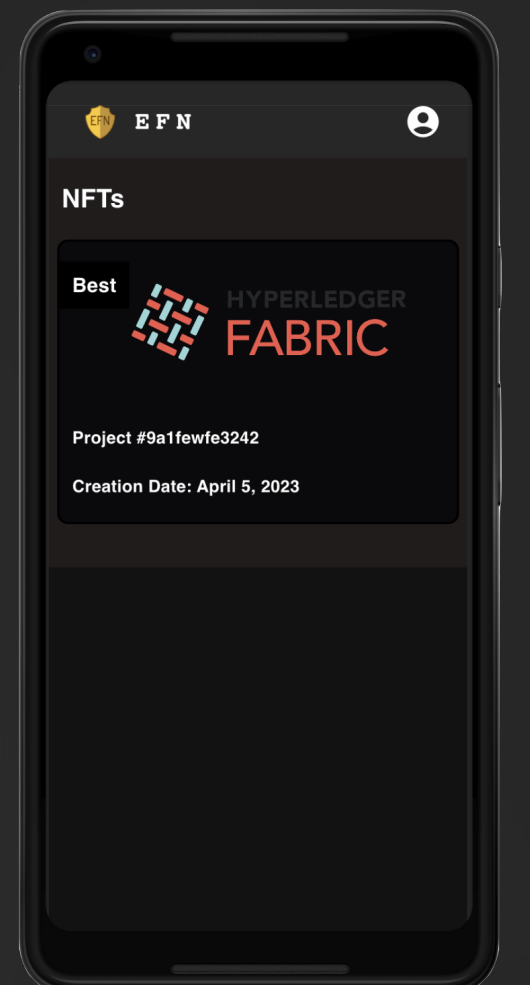
## Outcome

Mint NFT of project files and contract particulars to private blockchain

Automatically notify the client with a private access key to their NFT through our React UI
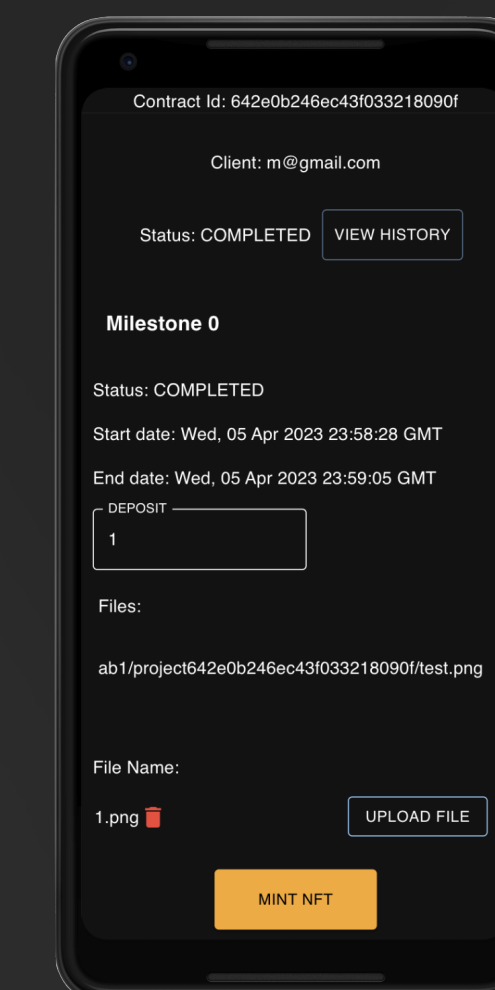
Create new immutable contracts

Monitor contract status:
- Track and advance project milestones
- Retrieve relevant contract information

HYPERLEDGER FABRIC

## Design

Client: Suissa Design | Year: 2022-2023

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