Lab IV - Art Guardian User Manual

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30 November 2022

Collaborative Outline

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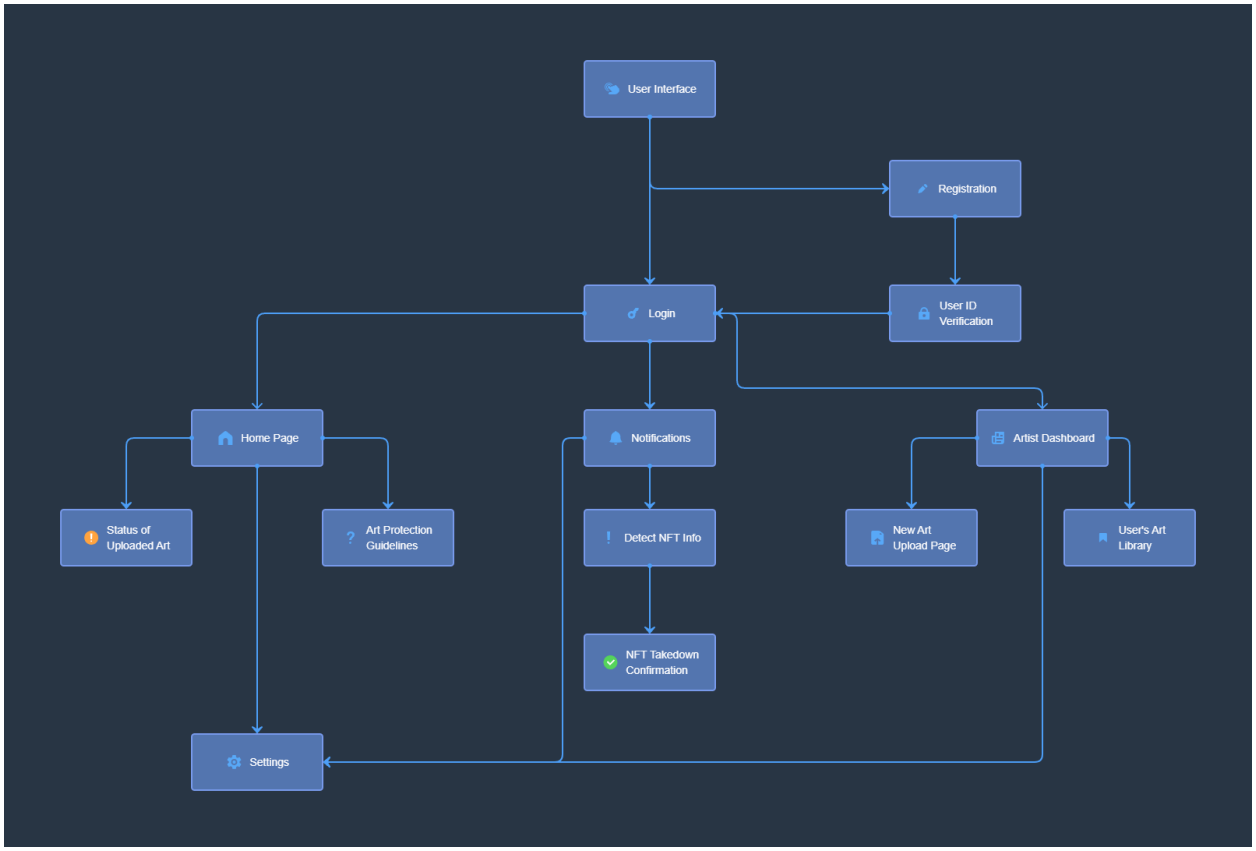
User Interface
Registration
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User ID Verification
Home Page
Notifications
Artist Dashboard
Status of Uploaded Art
Art Protection Guidelines
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User's Art Library
NFT Takedown Confirmation
Settings

6. Glossary

Amazon DynamoDB: cloud-based database service which can work with other AWS services

Amazon RDS (Relational Database Service): cloud-based database service which can work with other AWS services

Art Platform: A site that artists use to publish their art

AWS (Amazon Web Services): Largest provider of various cloud computing services

AWS Amplify: an AWS service for building full-stack web applications

Blockchain: A decentralized, immutable, public ledger that is split among multiple computers

CSS: style sheet language that specifies the style and layout of how documents are displayed in a web browser

DMCA (Digital Millennium Copyright Act) takedown: act of taking down a copyrighted work from a website on behalf of the owner of that work

Git: version control system for tracking software changes

GitHub: online hosting of the git version control system

Gmail API: a programming interface for the creation and sending of emails

HTML: markup language for displaying documents in the web browser

JavaScript: a general purpose programming language often used for web development

Minting: Using a piece of data, such as an image, to create a unique NFT

MySQL: a relational database management system

NFT: A sellable, tradeable, non-fungible token that exists on the blockchain and represents some form of data

NFT Marketplace: website where NFTs are sold

NFTport API: interface for working with popular NFT blockchains and markets

OpenCV: open-source computer vision library for Python

React: open-source, front-end JavaScript library for creating websites with modern user interfaces

Stripe API: programming interface for verifying a user's identity

Whitelisting: An optional mechanism that explicitly allows the user to identify the images in their art library in which they are okay with being widely-distributed.