

# ArtChain

**Megan Karbowski**

**1/22/18**

# What is ArtChain?

- Decentralized application for validating photographs on the blockchain
- Based on Ethereum's blockchain
- Smart contracts to attach a tag to a photo or encrypt a photo
- Target user: artists looking to display and distribute their art securely

# User's Point of View

- Platform to validate photographs on the blockchain
  - User will be able to choose a file to encrypted/tagged
- Copy of the photo tagged/encrypted with corresponding hash
- The copy of the photo that is tagged/encrypted can be displayed and distributed as the photographer chooses
- User can check validity and ownership of images with the blockchain ledger

# Why?

- Blockchain technologies
  - Decentralized - database isn't stored in a single location
- Operates on a peer-to-peer basis
  - Information is shared and continually updated
- Blockchain technologies ensure extensive security
  - Transactions are immutable once verified on the blockchain
- Potential to expand to different users
  - Musicians/music producers
  - Film makers

Questions?