



ARt Prototype

CI 102 Lab 63, Team 35



Overview

ARt is a project that will allow artists to share their work using Augmented Reality.



Our Questions

01

Can we create a back-end system that can easily allow us to create links to images of artwork?

02

Can these links be placed in a format that allows for easy access for the user?

03

Is this format easy to distribute to the public for the end user?



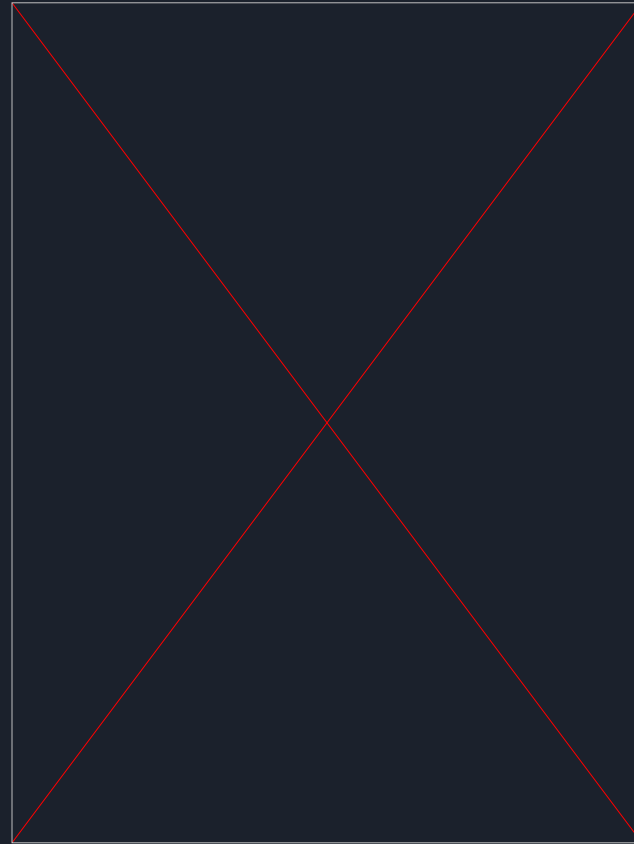
Our Prototype

We created a backend system that creates QR codes to images of art hosted online.



How It Works

- User inputs link to art
- System stores link in database
- System provides a printable QR code
- System provides continued analytics for number of scans
- User scans QR code
- System returns link to image and tracks scan



Sample of QR code placement



Main Takeaways

1. QR Codes were easy to generate
2. The backend was easy to implement and can be expanded
3. We can store a lot of metrics about users who scan
4. QR Codes were interesting enough to be scanned by pedestrians
5. Main challenge will be the frontend



Going Forward

- **Things to Work On:**
 - Front-end design
 - User metrics
 - Locations of QR codes
 - Attracting artists
- **Things to Research:**
 - QR Codes vs. custom design
 - On-device or server-side 3D rendering
 - How to handle users without the app
 - Potential cross-platform solutions



Thank You!
Any questions?

