



CanTour

PERSONALIZE YOUR CANTOR EXPERIENCE

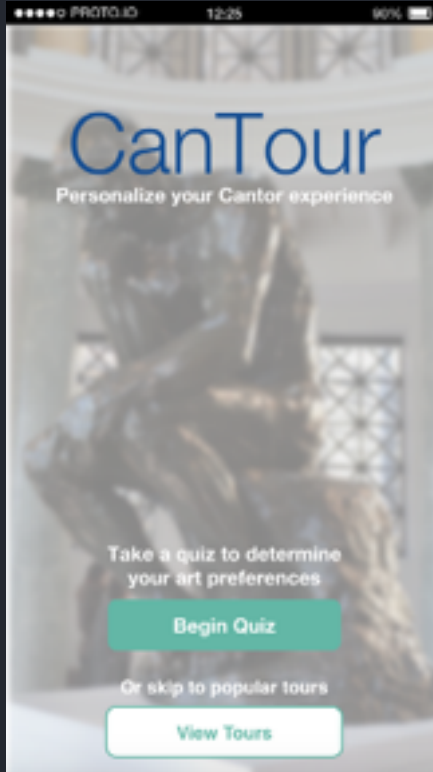
Problem & Solution

Visitors experience museum fatigue and overwhelming options

CanTour proposes to personalize and curate your museum experience at the Cantor Arts Center



Heuristic Evaluation Results & Revisions | Severity 3



Violation

H2-7 Flexibility and efficiency of use: Users who are not interested in discovering preferences

Revisions

- “View tours” button
- Skips quiz

Heuristic Evaluation Results & Revisions | Severity 3



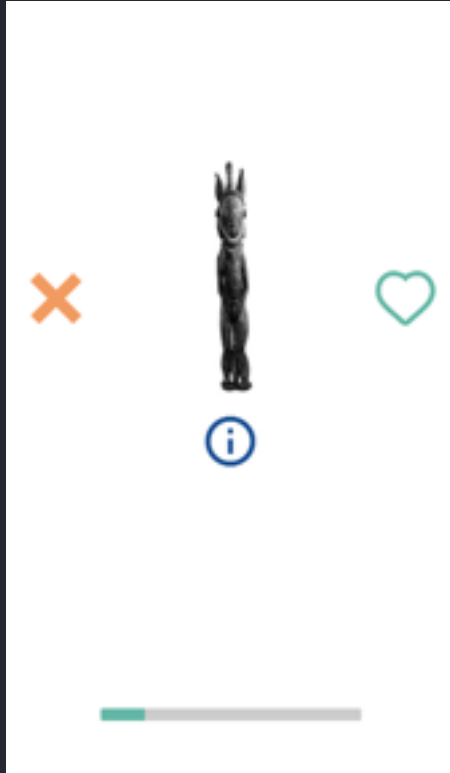
Violation

H2-3 User control and freedom:
Map's predefined scope

Revisions

- Pinch interaction
- Re-center button

Heuristic Evaluation Results & Revisions | Severity 3



Violation

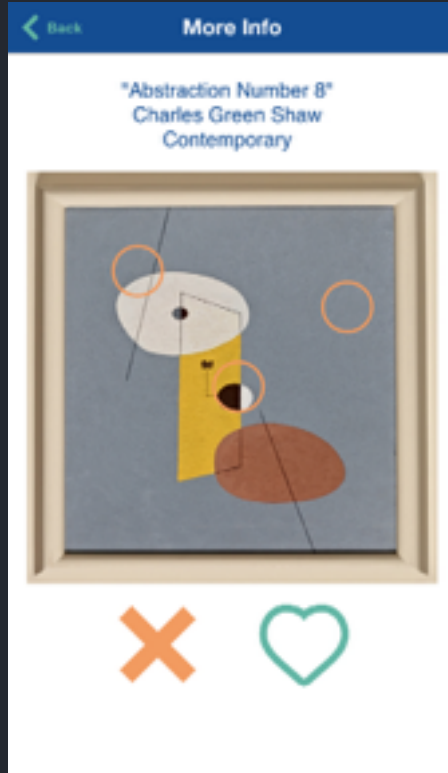
H2-3 User control and freedom: Lack of “undo”

Revisions

Maintain current design

- Quiz task: quick
- Minimalist design
- Low impact on results

Heuristic Evaluation Results & Revisions | Severity 3



Violation

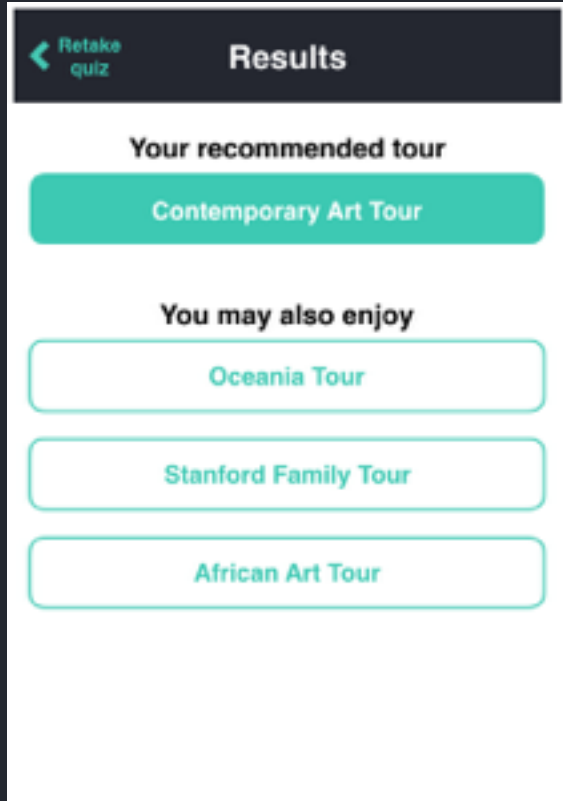
H2-7 Flexibility and efficiency of use: No option to respond to painting

Revisions

Maintain current design

- Tours curated via quiz results
- Detracts from task 3 (learning more about art)
- Significant backend, not MVP

Heuristic Evaluation Results & Revisions | Severity 1 & 2



Current Prototype Implementation Status

Tools

- Native iOS app
- XCode and Swift

Implementation Features

Task 1 - Preferences quiz with swiping interface (medium)

Unimplemented Features & Plan

To be implemented:

Task 2 and 3

- Allow users to select a tour

- Animate tour through museum

- Highlight points of interest in museum tour

- Display art with additional information

Unimplemented Features & Plan

16	17	18	19	20 All Night Code-A-Thon
WORK DURING THANKSGIVING BREAK				
30	1 Finish Task 2	2	3 Finish Task 3	4 Poster Session

Hard-coded Data

1st Task - The Quiz

Fixed Database of Pictures

No Machine Learning

2nd Task - The Tours

Limited Tour Options

3rd Task - Additional Information

Small Database of Facts

Wizard of Oz Techniques

2nd Task - The Map

No GPS tracking of user location

Animated map to simulate the user progress through the tour



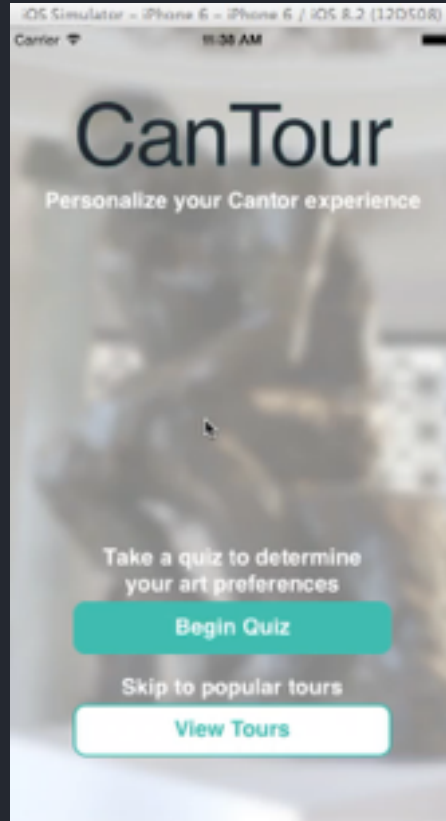
Issues & Questions

Main issue - time!

No iOS development
experience - learn as we go

No design experience

Demonstration of Prototype



Questions?