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# A First Experimental Protocol on Creative Engagement and Meaning Creation in Interactive Experiences for Cultural Heritage

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## DISCLAIMER

The prototype *MyTISSE* has been developed as Master thesis in "Interaction Media Design" at the University of Bologna (MA "Digital Humanities and Digital Knowledge", Supervisor: Prof Pescarin), in the framework of the European project [PERCEIVE](#).

## ABSTRACT

The following document contains the descriptive material for the testing protocol of the "caring prototype" *MyTISSE*, an interactive user experience on Matisse's painting *Bathers by a River* (Art Institute of Chicago). Focusing on the change of the pigments made by the artist during the gestation of this canvas, the UX exploits creative engagement to catalyze meaning creation processes.

The attachments contain:

- the Informed Consent Form
- the outline of the presentation of the painting
- the transcription of the form (handed to participants via Google Form)

## ATTACHMENTS

[MyTISSE Informed Consent Form.pdf](#)

[MyTISSE Knowledge Acquisition.pdf](#)

[MyTISSE Evaluation.pdf](#)

## IMAGE ATTRIBUTION

The used XRF scan is taken from Art Institute of Chicago online catalog of Matisse and its copyright belongs to the Art Institute of Chicago

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## DOI:

[dx.doi.org/10.17504/protocols.io.6qpvr367bvmk/v1](https://dx.doi.org/10.17504/protocols.io.6qpvr367bvmk/v1)

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## MANUSCRIPT CITATION:

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**Protocol status:** In development  
We are still developing and optimizing this protocol

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**PROTOCOL integer ID:**  
85582

**Keywords:** ux design, sense of care, interaction design, prototyping, prototypes evaluation

## Preparatory Activities

- 1 Preparation of the material:
  - Tablet interface (XRF scan and two palettes)
  - Informed Consent form
  - Outline of the analysis of the painting
  - Digital survey (with QR code to access it)
- 2 Participants are divided in three groups and distributed in the available time slots

## Arrival of the participants

2m

- 3 Participants are given an alphanumeric identifier
  - This ID is composed of one letter, referring to the group, and one number, referring to the participant within the group
- 4 Participants fill in the Informed Consent form

### Note

See attachment: *MyTISSE Informed Consent Form.pdf*

- 5 Participants are given a tablet and an interactive pen

**Note****Required instruments:**

- Tablet
- Interactive pen
- Drawing application (in this case, IbisPaint X)

- 6 Instructions are given to the participants: identify human figures, parts of them and other elements and color them using only one of the two palettes

- 6.1 Group A Participants are told that the XRF refers to a painting is by Matisse. No other piece of information is provided. They are also asked to provide a title

- 6.2 Group B Participants are told that the XRF refers to the painting "Bathers by a River" by Matisse

- 6.3 Group C Participants are told that the XRF refers to the painting "Soldiers by a River" by Matisse

- 7 Participants choose only one of the available two palettes

- 8 Participants freely draw and color the XRF image

### Expected result

Participants' reinterpretations as digital image (\*.jpg or \*.png file)

## Knowledge Acquisition

5m

- 9 Participants are provided a small presentation of the canvas and of its gestation

### Note

See attachment: *MyTISSE Knowledge Acquisition.pdf*

## Evaluation

15m

- 10 Participants scan a QR Code

### Note

Participants should use their own smartphone

- 11 Participants fill the survey

### Note

See attachment: *MyTISSE Evaluation.pdf*

### Expected result

Participants' anonymous results in tabular form (\*.xlsx file)