

MEETeUX Evaluation Timenet Visualization

Goal: understandability of visualization

Number of participants: 5 to 8

General Data

Age: _____

Gender: female ☐ male ☐ n/a ☐

Experience in data visualization?

low 1 2 3 4 5 6 7 high
 ☐ ☐ ☐ ☐ ☐ ☐ ☐

Experience in usage of touch displays?

low 1 2 3 4 5 6 7 high
 ☐ ☐ ☐ ☐ ☐ ☐ ☐

Do you have any visual issues (e.g., color blindness)?

yes ☐ no ☐

Task-oriented Evaluation

Imagine you are going through an exhibition about Maximilian I. and St. Leopold. There you find an installation on which you can interact with a touch display. In addition, you see a huge projection of some persons of the Babenberg dynasty. [Show paper prototype of projection in addition to touch display]

Task 1

Please, describe us, what you see here (on the touch display).

Born, death, marriages, children, guessed data, gender?

Task 2

When Leopold III. was born, was married and died? Are these known dates?

year of birth: around 1075 Answer _____

year of marriage: 1. Around 1100, 2. 1106 Answer _____

year of death: 1136 Answer _____

Overall, how difficult or easy did you find this task?

Very difficult 1 2 3 4 5 6 7 Very easy
 ☐ ☐ ☐ ☐ ☐ ☐ ☐

Do you have any suggestions for improvement?

Task 3

Please select the first daughter of Leopold III. (Bertha)

☐ Yes ☐ No ☐ Help needed? _____

Overall, how difficult or easy did you find this task?

Very difficult 1 2 3 4 5 6 7 Very easy
 ☐ ☐ ☐ ☐ ☐ ☐ ☐

Do you have any suggestions for improvement?

Task 4

Please select the wife of Leopold V. (Helene)

☐ Yes ☐ No ☐ Help needed? _____

Overall, how difficult or easy did you find this task?

Very difficult 1 2 3 4 5 6 7 Very easy
☐ ☐ ☐ ☐ ☐ ☐ ☐

Do you have any suggestions for improvement?

Task 5

[Show first paper prototype] What do you think it shows?

[Show second paper prototype] What do you think it shows?

If no divorce, which one is better to show a divorce?

☐ 1 ☐ 2

If both are divorce, which one is better to show a divorce?

☐ 1 ☐ 2

Post Questionnaire

Overall, how difficult or easy did you find the usage of the visualization?

Very difficult 1 2 3 4 5 6 7 Very easy

How understandable was the visualization of the precise dates?

Not understandable 1 2 3 4 5 6 7 Understandable

○ ○ ○ ○ ○ ○ ○

How understandable was the visualization of the estimated dates?

Not understandable 1 2 3 4 5 6 7 Understandable

Which additional information would you like to know about the persons?

[illegible]