

SMALL-SCALE USABILITY TEST OF OCR IN MOTUS

A THINKING ALOUD EXPERIMENT

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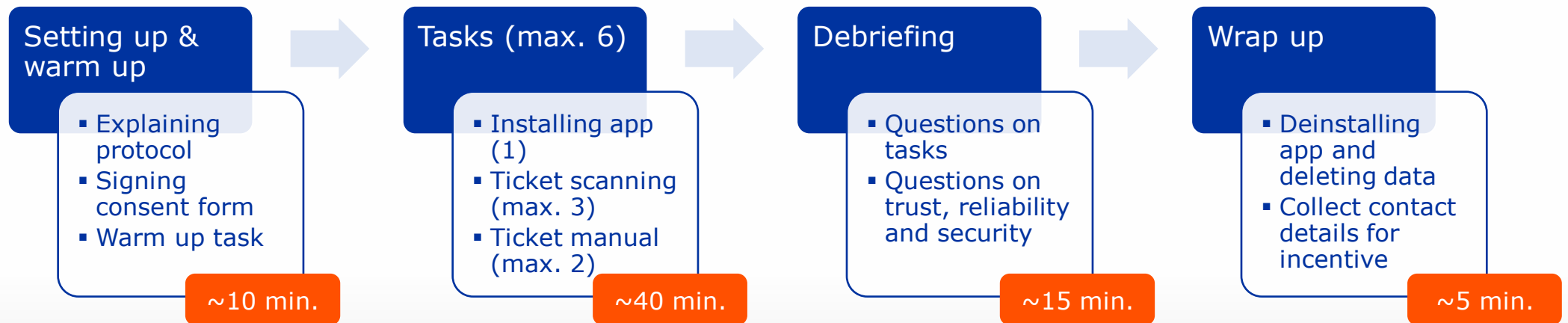


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METHODOLOGY & PARTICIPANTS

SET UP AND PROCEDURES

- 20 test persons (TP) planned, **18 conducted**
- Voluntary sampling in interviewers' network
- TPs used their own smartphone (Apple iPhone, Google Pixel, Samsung Galaxy, Xiaomi Redmi, Sony Experia)
- Time frame: 60-90 minutes
- Incentive: 20.00€ gift voucher from online store
- Survey period: May-June 2024



CRYSTALLISED INTELLIGENCE IS THE ABILITY TO USE LEARNED KNOWLEDGE, SKILLS AND EXPERIENCE

= **SMART**

FLUID INTELLIGENCE IS THE CAPACITY TO SOLVE PROBLEMS AND REASON ABSTRACTLY WITHOUT RELYING ON PRIOR KNOWLEDGE

= **CLEVER**

~ RAYMOND CATTELL



01 ONE SIZE DOES NOT FIT ALL BUT SOME GENERAL IMPROVEMENTS ARE POSSIBLE

02 SCAN OPTION IS PREFERRED METHOD, BUT EXPECTATIONS ARE EXTREMELY HIGH

03 ONLINE SMART SURVEY DOES NOT MEAN NO INTERVIEWER IS NEEDED

04 CLASSIFICATION IS DIFFERENT FOR RESPONDENTS AND STATISTICIANS

05 INCREASING RELIABILITY OF DATA BY ADDING MORE CONTEXT INCREASES RESPONDENT BURDEN

03 ONLINE SMART SURVEY DOES NOT MEAN NO INTERVIEWER IS NEEDED

MAIN FINDINGS

- Several respondents had a long run up ranging from **finding the + button** to **understanding the entry fields**
- When stuck and asked about how they would normally proceed, the majority of respondents said **they would give up.**
- However, through trial and error – and some help from the interviewer – all respondents **came to grip with the registration flow.**

USABILITY ATTRIBUTES

- Clear Instructions
- Time efficient
- Clear task flow guidance

- Engagement
- Data collection efficiency

- Clear and intuitive UI
- Clear task flow guidance

TSS E2E SOLUTION

- Involvement and engagement
- Acquiring/processing/combining data

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POINTS OF ATTENTION

The **learning curve is very steep.**

Interviewers might help with:

- **WHY** making the effort (i.e. engaging respondents)
- **WHAT** is expected (i.e. managing expectations)
- **HOW** to make/correct diary entries (i.e. explaining the logic)
- **WHEN** to make them (i.e. following up on progress)

USABILITY ATTRIBUTES

Engagement
Trust and credibility

Clear instructions
User control over data/info

Clear and intuitive UI
Clear task flow guidance
(In app) training
Data collection efficiency

Time efficient
(In app) feedback

TSS E2E SOLUTION

Involvement and engagement
Trustworthiness

Involvement and engagement
Trustworthiness

Acquiring/processing/combining
data

Involvement and engagement
Acquiring/processing/combining
data