
Supplemental Material

Template to Report a Study

Please use the following template to submit your study outline. This structure can and should also be used for future submissions. The questions provided are just examples of the types of things you should think about and will have to be adjusted for each study. Not all will be relevant, others will not be covered in here. Questions the reader will have: Does the method answer the question? Do I know enough to judge if the study has been done correctly? Could I replicate, i.e. redo the study with the information given here?

Introduction
<i>Your introduction should give a short overview of all the points mentioned below and give a short overview about the sections covered in the thesis. This is a good place to introduce and shortly explain key terms used in the thesis. You might also identify the scope of the thesis, i.e. explain what is covered and which fields might lie outside.</i>
Background Section & Related Literature
<i>In this section you should argue why your research question matters and how it adds to what is already known in the field. The paragraphs should identify clearly what areas your work relates to and for each outline what has been done and what open questions remain. Rather than listing papers, use the papers to build up to argument as to why the area you look into is relevant, what is the state of the art and why your question matters (and to whom).</i>
Research Question & Hypothesis
<i>Start by telling us your research question: What do you want to find out? Be concise, but precise. If you report on quantitative work, you should tell us your hypotheses. In qualitative work your work is more exploratory and you might start out with more general and more open-ended questions.</i>

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Design

<i>In this section you should describe the design of your study, i.e. the type of study method you chose. Depending on this, the study can be very different, as for qualitative work you would describe a method, e.g. interviews (what kind of interview, how is it conducted, how will you analyse it)? Here also discuss: Why are the chosen methods appropriate for your study?</i>
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Participants

<i>In this section you should tell us about your participants. What you have to report will differ, but make sure that we have all the essential information to judge whether your sample is suitable for the type of method you are proposing. How many participants were there? Who were they, e.g. what demographics do they have, do they have a specific background that is relevant to your study, do they have experiences that might have an impact on the results, e.g. experienced mobile phone users? How did you select your sample, e.g. via convenience sampling or did you have criteria that participants had to match? How were participants recruited?</i>
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Materials

<i>In this section you should tell us about the materials you use. Did the participants test or use something? Did they provide it or did you? How did you record data and where do you store them? Where did the study take place?</i>

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Procedure

<i>In this section you should tell us about the procedure you chose. What did you do? Be precise, e.g. did you greet the participants, did they take a break in-between two tasks and how long did it take? Who was in the room, e.g. was there someone instructing the participants and someone taking notes? How did the experience end for the participants?</i>

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Analysis

In this section you should describe the type of analysis you chose for the study. Is there a special tool you used and why was it relevant in this context? Did you use a qualitative method, such as thematic analysis or video analysis? Which software did you use for analysing data or was it a pen and paper analysis?

Findings

In this section you should describe the results and insights of your study. What did you find? What do your data tell? What can be derived from your data? For statistical data, what can you report on their significance? You should use graphs, tables, and charts, as they support what you want to demonstrate your readers. For qualitative data, what themes emerged from your data? You should use quotes and observations to report on what you found.

Discussion

In this section you should value your findings and report on the lessons learnt. Can you (dis)confirm your hypotheses or statements made earlier? What are the implications? What insights are interesting for the chosen research topic and why? What do your results mean for the HCI community and who else might care? Here, you can also discuss your findings on the background of other theories and study approaches found in the literature.

Self-Reflection

In this section you should reflect on what you have learnt and what you would improve if running the same study once again. What are the limitations of your study design and the chosen methodological approach? What do you understand better now regarding methods and/or data? How could your study help to improve future research in related or different areas?