

## Methodology: Participatory Design

	Exemplary 4	Proficient 3	Marginal 2	Unacceptable 1
<b>Research Question/Purpose Statement</b>	<p>It satisfies all of the following:</p> <ul style="list-style-type: none"> <li>• Clear, well-justified, and highly motivated</li> <li>• Designed to open up a variety of possibilities in the design space or narrow down to potential design space</li> <li>• Posed in a clear, answerable manner</li> <li>• Appropriate for participatory design</li> <li>• Meant to improve people's quality of life (democratic and functional empowerment)</li> </ul>	<p>It satisfies:</p> <ul style="list-style-type: none"> <li>• Clear, well-justified, and highly motivated</li> </ul> <p>It satisfies at least one of the following:</p> <ul style="list-style-type: none"> <li>• Designed to open up a variety of possibilities in the design space or narrow down to potential design space</li> <li>• Posed in a clear, answerable manner</li> <li>• Appropriate for participatory design</li> <li>• Meant to improve people's quality of life (democratic and functional empowerment)</li> </ul>	<p>It partially satisfies:</p> <ul style="list-style-type: none"> <li>• Clear, well-justified, and highly motivated</li> </ul> <p>It satisfies at least one of the following:</p> <ul style="list-style-type: none"> <li>• Designed to open up a variety of possibilities in the design space or narrow down to potential design space</li> <li>• Posed in a clear, answerable manner</li> <li>• Appropriate for participatory design</li> <li>• Meant to improve people's quality of life (democratic and functional empowerment)</li> </ul>	<ul style="list-style-type: none"> <li>• Did not satisfy any of the requirements</li> </ul>
<b>Participants</b>	<p>It satisfies all of the following:</p> <ul style="list-style-type: none"> <li>• Recruited participants from diverse backgrounds, experiences and knowledge</li> <li>• Reasonable number</li> </ul>	<p>It satisfies:</p> <ul style="list-style-type: none"> <li>• Participants are knowledgeable about the tool/artifact being studied (e.g. they use it everyday).</li> </ul> <p>It satisfies at least one of</p>	<p>It partially satisfies:</p> <ul style="list-style-type: none"> <li>• Participants are knowledgeable about the tool/artifact being studied (e.g. they use it everyday).</li> </ul> <p>It satisfies at least one of</p>	<ul style="list-style-type: none"> <li>• Did not satisfy any of the requirements</li> </ul>

	<p>of participants was recruited for the study</p> <ul style="list-style-type: none"> <li>Participants are knowledgeable about the tool/artefact being studied (e.g. they use it everyday).</li> </ul>	<p>the following:</p> <ul style="list-style-type: none"> <li>Recruited participants from diverse backgrounds, experiences and knowledge</li> <li>Reasonable number of participants was recruited for the study</li> </ul>	<p>the following:</p> <ul style="list-style-type: none"> <li>Recruited participants from diverse backgrounds, experiences and knowledge</li> <li>Reasonable number of participants was recruited for the studying:</li> </ul>	
<p><b>Quality of life for participants/workers</b></p>	<p>It satisfies all of the following:</p> <ul style="list-style-type: none"> <li>Participants critically reflected on their own practices, organisation and tools</li> <li>Interpretations are continuously synchronised between researchers and users through interviews, focus groups, workshops, organisational games, prototyping sessions, etc.</li> <li>Participants also shaped the project: criteria are codetermined by researchers and participants.</li> <li>Designers shared their power with participants and acknowledged their different and equally valuable expertise</li> </ul>	<p>It satisfies:</p> <ul style="list-style-type: none"> <li>Participants also shaped the project: criteria are codetermined by researchers and participants.</li> <li>Interpretations are continuously synchronised between researchers and users through interviews, focus groups, workshops, organisational games, prototyping sessions, etc.</li> </ul> <p>It satisfies at least one of the following:</p> <ul style="list-style-type: none"> <li>Participants critically reflected on their own practices, organisation and tools</li> <li>Designers shared their power with participants and acknowledge their</li> </ul>	<p>It partially satisfies:</p> <ul style="list-style-type: none"> <li>Participants also shaped the project: criteria are codetermined by researchers and participants.</li> <li>Interpretations are continuously synchronised between researchers and users through interviews, focus groups, workshops, organisational games, prototyping sessions, etc.</li> </ul> <p>It satisfies at least one of the following:</p> <ul style="list-style-type: none"> <li>Participants critically reflected on their own practices, organisation and tools</li> <li>Designers shared their power with participants and acknowledge their</li> </ul>	<ul style="list-style-type: none"> <li>Did not satisfy any of the requirements</li> </ul>

	<ul style="list-style-type: none"><li>• Tackled value conflicts and paid attention to multiple voices</li></ul>	<p>different and equally valuable expertise</p> <ul style="list-style-type: none"><li>• Tackled value conflicts and paid attention to multiple voices</li></ul>	<p>different and equally valuable expertise</p> <ul style="list-style-type: none"><li>• Tackled value conflicts and paid attention to multiple voices</li></ul>	
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<p><b>Design Process</b></p>	<p>It satisfies all of the following:</p> <ul style="list-style-type: none"> <li>● Followed clearly delineated stages</li> <li>● Used appropriate tasks, tools, and techniques at each stage (e.g. initial exploration using ethnographics or observations, prototyping for collaborative development, etc.)</li> <li>● Used a clear instructions or mechanisms to facilitate the design process (e.g., mechanisms for consensus/agreement and representation, common language understood by both researchers and users)</li> <li>● Involved participants at multiple stages and provided them with reasonable flexibility and freedom to share their experiences, ideas, or voice any concerns or issues to researchers</li> </ul>	<p>It satisfies:</p> <ul style="list-style-type: none"> <li>● Followed clearly delineated stages</li> </ul> <p>It satisfies at least one of the following:</p> <ul style="list-style-type: none"> <li>● Used appropriate tasks, tools, and techniques at each stage (e.g. initial exploration using ethnographics or observations, prototyping for collaborative development, etc.)</li> <li>● Used a clear instructions or mechanisms to facilitate the design process (e.g., mechanisms for consensus/agreement and representation, common language understood by both researchers and users)</li> <li>● Involved participants at multiple stages and provided them with reasonable flexibility and freedom to share their experiences, ideas, or voice any concerns or issues to researchers</li> </ul>	<p>It partially satisfies:</p> <ul style="list-style-type: none"> <li>● Followed clearly delineated stages</li> </ul> <p>It must satisfy at least one of the following:</p> <ul style="list-style-type: none"> <li>● Used appropriate tasks, tools, and techniques at each stage (e.g. initial exploration using ethnographics or observations, prototyping for collaborative development, etc.)</li> <li>● Used a clear instructions or mechanisms to facilitate the design process (e.g., mechanisms for consensus/agreement and representation, common language understood by both researchers and users)</li> <li>● Involved participants at multiple stages and provided them with reasonable flexibility and freedom to share their experiences, ideas, or voice any concerns or issues to researchers</li> </ul>	<ul style="list-style-type: none"> <li>● Did not satisfy any of the requirements</li> </ul>
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<p><b>Analysis &amp; Reporting</b></p>	<p>It satisfies all of the following:</p> <ul style="list-style-type: none"> <li>• Reported how the findings from one stage led to the next and to the overall goal (e.g., system/tool design or user requirements)</li> <li>• Reported how the data was analyzed &amp; interpreted</li> <li>• Acknowledged potential limitations in the data, analysis, setup, or interpretation</li> <li>• If researchers participated in the design process, their participation is either obvious or justified</li> </ul>	<p>It satisfies:</p> <ul style="list-style-type: none"> <li>• Reported how the findings from one stage led to the next and to the overall goal (e.g., system/tool design or user requirements)</li> </ul> <p>It satisfies at least one of the following:</p> <ul style="list-style-type: none"> <li>• Reported how the data was analyzed &amp; interpreted</li> <li>• Acknowledged potential limitations in the data, analysis, setup, or interpretation</li> <li>• If researchers participated in the design process, their participation is either obvious or justified</li> </ul>	<p>It partially satisfies:</p> <ul style="list-style-type: none"> <li>• Reported how the findings from one stage led to the next and to the overall goal (e.g., system/tool design or user requirements)</li> </ul> <p>It must satisfy at least one of the following:</p> <ul style="list-style-type: none"> <li>• Reported how the data was analyzed &amp; interpreted</li> <li>• Acknowledged potential limitations in the data, analysis, setup, or interpretation</li> <li>• If researchers participated in the design process, their participation is either obvious or justified</li> </ul>	<ul style="list-style-type: none"> <li>• Did not satisfy any of the requirements</li> </ul>
<p><b>Contribution</b></p>	<ul style="list-style-type: none"> <li>• Contributes an interesting, nontrivial, novel design knowledge</li> </ul>	<ul style="list-style-type: none"> <li>• Contributes a nontrivial, novel design knowledge but how it is interesting is unclear</li> </ul>	<ul style="list-style-type: none"> <li>• Contributes a nontrivial design knowledge but its novelty and interestingness are unclear</li> </ul>	<ul style="list-style-type: none"> <li>• Does not contribute an interesting, nontrivial, or novel design knowledge</li> </ul>