8 responses
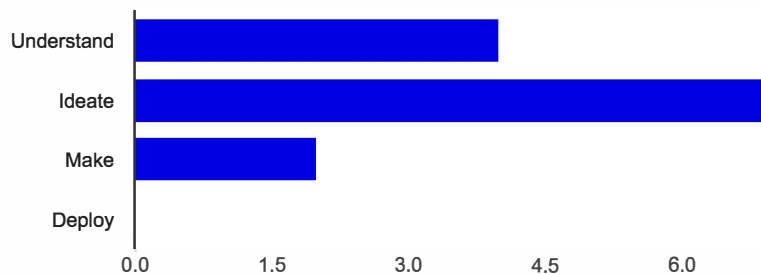
View all responses   Publish analytics

Summary

Which worksheets were the most helpful? Did a particular worksheet help you generate and evaluate artifacts? Did any worksheet build up your confidence in the design process?

Understand	**4**	50%
Ideate	**7**	87.5%
Make	**2**	25%
Deploy	**0**	0%

Why is that?

With the guiding of idea sheet, it is better to make projects work.

Helped to get the project off the ground.

It was important to consider main questions and audiences at the very beginning of the project before any designs were suggested.

They seemed to be the most unique

It encourages looking at more than 1 option. Playing a critic of ones own work also encourages exploration of solutions that would resolve the listed problems.

Ideate critique of ones own design was most helpful since it encourages a person to recognize problems and seek ways to improve a design. Understand was useful since it encouraged us to define our objectives. Confidence in the design process was increased since more options were considered.

Because it is the most clear worksheet.

Helped in coming with ideas and building prototype

Which worksheets were the least helpful? Did a particular worksheet hinder the generation and evaluation of artifacts? Did any worksheet fail to build up your

confidence in the design process?
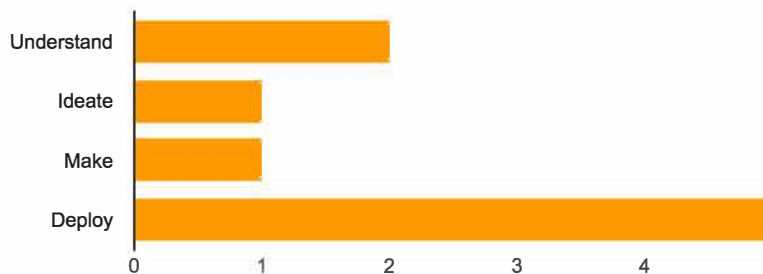
Understand	**2**	25%
Ideate	**1**	12.5%
Make	**1**	12.5%
Deploy	**5**	62.5%

Why is that?

I think understand sheet can be combined with ideate sheet

The wording for all the worksheets was a little confusing at times, additionally once the projects were off the ground, didn't seem like these were too important.

This worksheet killed my design process because there was not enough space to really explore my design ideas.
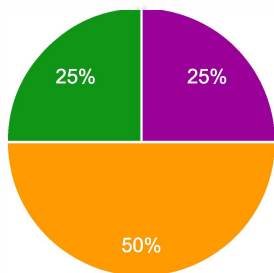
Maybe if I had done this worksheet sooner it would be been more helpful

We were out of time so the step was not actionable

We were out of time so didn't take action based on Deploy

Some times lose the point of Understand sheet.

My group was able to generate and evaluate artifacts with the help of the design worksheets.
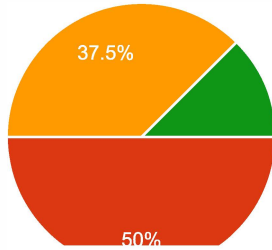
Strongly disagree	**0**	0%
Disagree	**0**	0%
Neutral	**4**	50%
Agree	**2**	25%
Strongly agree	**2**	25%

Filling out the design worksheets took valuable time away from my final project.

Strongly disagree	**0**	0%
Disagree	**4**	50%
Neutral	**3**	37.5%
Agree	**1**	12.5%

Strongly agree	**0**	0%

...t using the materials given to me

Strongly disagree	**0**	0%
Disagree	**0**	0%
Neutral	**2**	25%
Agree	**5**	62.5%
Strongly agree	**1**	12.5%

The design worksheets were used to record artifacts or decisions I made, after they were already made.
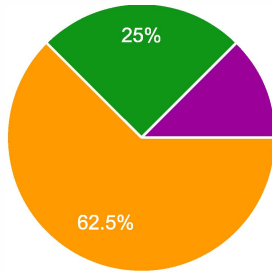
Strongly disagree	**0**	0%
Disagree	**0**	0%
Neutral	**5**	62.5%
Agree	**2**	25%
Strongly agree	**1**	12.5%

I was able to better structure my design process with the help of the design worksheets.

Strongly disagree	**0**	0%
Disagree	**0**	0%
Neutral	**3**	37.5%
Agree	**4**	50%
Strongly agree	**1**	12.5%

## There was not enough structure or guidance provided on the worksheets in order to complete them.

Strongly disagree	**1**	12.5%
Disagree	**2**	25%
Neutral	**1**	12.5%
Agree	**2**	25%
Strongly agree	**2**	25%
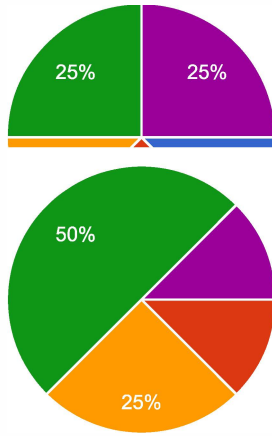
lesign process with the help of the

Strongly disagree	**0**	0%
Disagree	**1**	12.5%
Neutral	**2**	25%
Agree	**4**	50%
Strongly agree	**1**	12.5%

There was too much information or text included on the blank design worksheets.
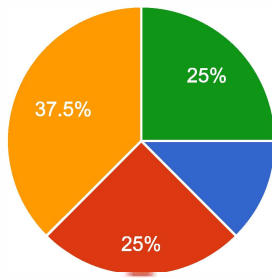
Strongly disagree	**1**	12.5%
Disagree	**2**	25%
Neutral	**3**	37.5%
Agree	**2**	25%
Strongly agree	**0**	0%

I was able to capture design decisions easily and succinctly using the design worksheets.
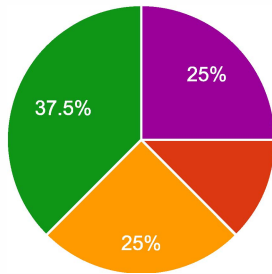
Strongly disagree	**0**	0%
Disagree	**1**	12.5%
Neutral	**2**	25%
Agree	**3**	37.5%
Strongly agree	**2**	25%

The system developed for my final project would have been just as effective if we had not used the design worksheets.
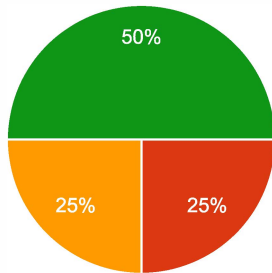
Strongly disagree	**0**	0%
Disagree	**2**	25%
Neutral	**2**	25%
Agree	**4**	50%
Strongly agree	**0**	0%

What are some suggested changes or improvements for the worksheets?

Well, it is good guide to the design structure but other things like deploy is related with our actual design process. Since it is not fixed over time, I feel there is no need to focus on very special task on deploy sheet.

I think that overall the worksheets were helpful in getting the design off the ground. But once we were off the ground we didn't see as much of a need for them, primarily the last two worksheets. Additionally, sometimes the wording on the worksheets made it a little difficult to understand what that box wanted specifically. The overlap of purpose between boxes tended to add to that confusion. I think that people are more used to having one box with one purpose. When two boxes have similar purposes, the mind begins to think "didn't I just do that with the previous box?"

I think the design worksheets are helpful in formalizing each step of the design process from a theoretical point of view, however, from a practical view I found my design process to be more free-form and formalization of the process tended to hurt creativity and productivity. I do not mean to imply that the design worksheets are useless, only that it may be useful to also create a less formalized set of design worksheets that will accomplish the same goals for thinkers who do not design visualizations in such an organized manner. I would suggest that the design worksheets are modified to encourage storyboarding and more picture drawing, i.e. more open space and less words and both portrait and landscape orientations of the worksheets. Firstly the worksheets could become double sided, and secondly instead of boxing out response areas (I don't understand the point of boxing out responses or coloring the boxes, it removes space from the response area) half or even a full page could be left to answer/respond to a short concise statement about the design process. I find that when given more space (like a blank page) I filled more space and even required more than one page to lay out my ideas, while with the worksheets there was too little space for me to feel like I could do anything meaningful so my ideas were restricted. Perhaps each design worksheet doesn't need to have the exact same format as well.

Some of the instructions were too open for me to know how to apply it to my specific project

It didn't feel like there was time to fully integrate the worksheets into the project.

When our design process, after we visualize our design, it may be not effective because of data types. And the deploy process is also the process to redesign visualization. Instead of back to Ideate worksheet, adding another worksheet between Make and Deploy would be better. So the content is the original design, and the visualization results of this design, then describe whether the questions are answered by this visualization or problems. Then may give a new design or keep the original one.

Please include any additional comments on the design worksheets.

Design worksheet is helpful, we can discuss about our ideas and record details on that sheet.

tldr: worksheets were visually appealing which was more motivation to work on them, but diction made the objective of some boxes difficult to understand.

I found the spaces blocked out in each worksheet for the different steps to be useful for organization, but restrictive. Of course students can easily pick up a blank sheet of paper and follow the same steps, however, the blocked out spaces influence preconceptions about the

amount of content needed in each step and the amount of content students can realistically fit into each step.

I feel like they are good but I wasn't able to utilize them to their fullest, more guidance would have helped

For the question: Filling out the design worksheets took valuable time away from my final project. I consider all my time to be valuable but I assume that is not the intent of the question so set the response as neutral

This is the 2nd time I've completed this survey. I filled another out at ~1:30 12-8 just before taking the final but in retrospect the opinions expressed were not reflective of a typical response. I would recommend removing the older version since this version more accurately represents my typical opinions.

Number of daily responses