

(definitely a work in progress)

The ProjectX Case Designer is designed to prepare the case for use. The case content is prepared in any word processor which can save to PDF. Once it is saved to PDF, the ProjectX Case Designer can add interactivity to your case content and prepare the case for distribution.

See the next phase to learn how to create the case content.

Your case needs to be readable for it to be useful to students. Here are some recommended guidelines:

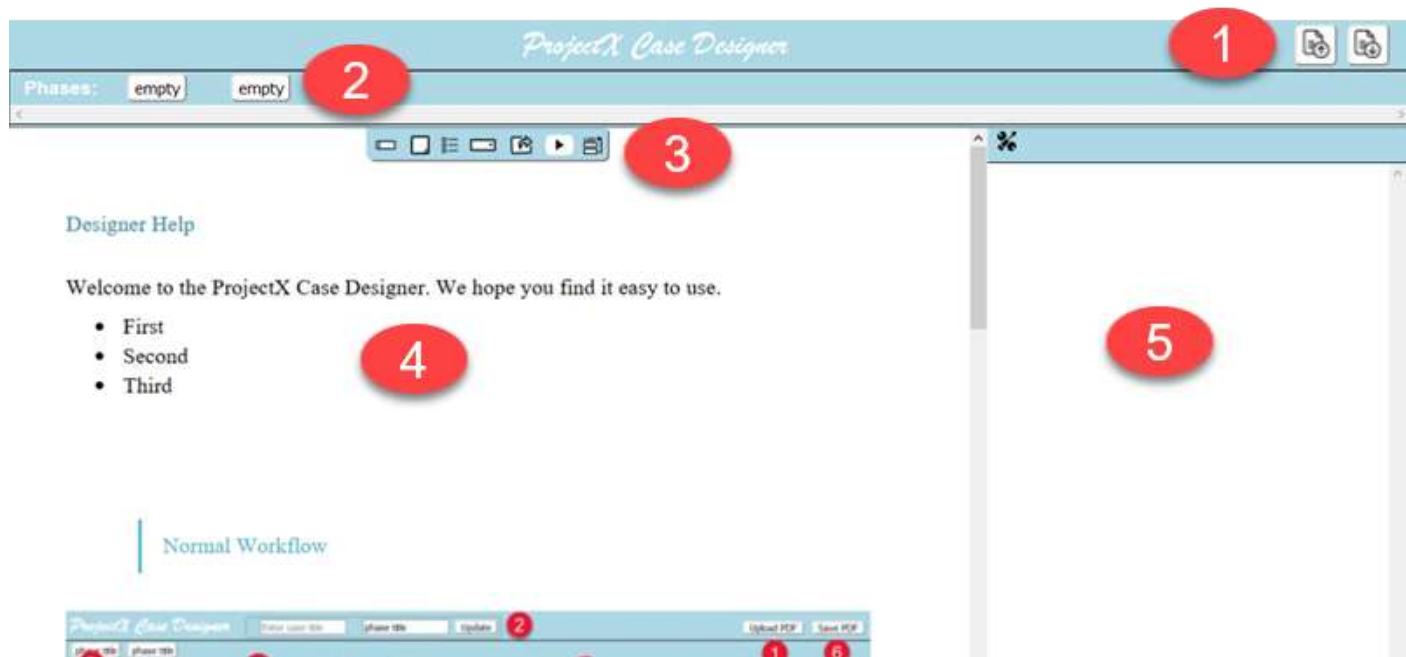
- Use a 12pt sans-serif font. Verdana is readable and recommended.
  - Minimize the margins. Narrow or .5 is good.
  - 60-80 characters per line is best. This one is 72.
  - Use a page size that is narrow but long. A4 is good.
  - Etc.
- 
- And
  - More
  - last

Enter your case as usual in a word processor but ensure that each phase fits on one page. You may insert images, equations etc. Leave space for the interactive components (widgets) you will be adding once your document is ready for use in the Case Designer. While not required you could use a notation like

[textfield]

to remind yourself or others where the widgets are to be placed. Using the ProjectX Case Designer for this widget, you would drop a textfield on the notation to cover the text. The process would be repeated for all the phases. Once you are done, you can save your document as PDF. Load it into the ProjectX Case Designer to add all your widgets. When you save the case, it will be ready to be uploaded to ProjectX. Yes, it is that simple!

The ProjectX Case Designer appears below. A typical workflow is shown to help you provide all the widgets (interactive components) for the phases in your case.



The marked areas are:

1. Upload and download your case PDF files in the **File pane**. (File pane is not functional yet. I have uploaded this help as an example.)
2. Click on a phase in the **Phase panel** to view a phase.
3. Click on the **Widget toolbar** to add widgets to the phase.
4. Your current phase is shown in the **Content panel**.
5. Tools like resources and comments appear in the **Toolbox panel**.

The student view is very similar, absent the options to modify the phase titles, configure the toolbox or add widgets. This should give you a close idea of what the students sees.

Try clicking on the phase titles to see each phase. Also hover over a phase and click on the properties icon that appears to change the title.

See the next phase for adding widgets.

Available widgets are shown in the **Widget toolbar** including:

- Textfield
- Textarea
- List (multiple choice or checklist)
- Select
- Carry-forward
- Media
- Diagnostic Path (not yet implemented)

Click on an icon in the Widget Toolbar to select your widget. It will appear just below the toolbar. Drag it to the desired location. You can also resize most widgets.

Hover over a widget and a **Widget menu** will appear in the upper right corner of the widget. The options are **copy**, **properties** or **delete**. Clicking on properties will let you change the properties of your widget.

Let's try them out in the next phase.

When the content writer prepares the content, he or she will want to specify where to put the widgets. Basically, you will place the widgets to cover the hints or spaces left by the writer.

To practice, I have put some places to drop your widgets below. Try your hand at adding the widgets.

[textfile]

Try to resize it.

[textarea]

Try to resizing it.

For list, follow the instructions to change the bulleted list to a multiple choice question or checklist below.

- Answer 1
- Answer 2
- Answer 3
- Answer 4

[select]

Add some options.

[carry-forward]

the code isn't in yet but you will be able to select any widget in a previous phase and put its output here.

Next phase for more options.

[media]

Show a video or webpage. I would like the content to actually show here but am having a bit of trouble at the moment.

[diagnosticpath]

It doesn't work yet but it will be a widget that will fill the content area.

[others]

Other widgets could be provided. I am sure James could become rich building them for you.

See the next phase for the **Toolbox**.

The Toolbox is where the instructor can specify what tools are available on each phase. The typical tools include resources, comments and observations. Click on the Toolbox icon and pick which tools you want to be available on this phase.

See the next phase for the final step.

Once all the phases have been configured, the PDF can be downloaded, bundling all the phase widgets and tools along with the content. When uploaded to the ProjectX website, the case will be created. The instructor can specify the due dates and the case is ready to go.

The PDF can be easily shared and used by another instructor. Since all the images and other content are bundled in the PDF, there is no need to supply any other resources.

Easy peasy.