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## Activity introduction

This activity will help you create a variation of the wireframes you've made for your portfolio project website that accounts for a different screen size. You'll be using the digital wireframes you created in Adobe XD for the previous self-review activity on [creating digital wireframes for a desktop screen size in Adobe XD](#).

Responsive web design means changing the appearance or layout of a website, depending on the device being used to view it and the size of the screen. In this activity, you'll create a set of wireframes for a new device size so that your website is responsive. If you don't already have a [paper wireframe of your homepage for an additional screen size](#) and digital wireframes for your website, go back and complete those activities before submitting this one. You'll need both to accurately complete this activity.

Responsive web design:

Increases product usability, especially for smaller devices

Creates an improved user experience across devices

Drives mobile traffic

Saves money and time

Below is an example of responsive design improving usability across a variety of device sizes. The elements with the same colors contain the same information, but the way the information is presented and sized changes depending on the device. Changing a design to work better on different screen sizes improves the user's ability to easily locate and interact with the content they want. This is how responsive design appears in action.



After completing this activity, you'll compare your work to an exemplar of the Tee's Shirt website, created throughout this course, to evaluate your solutions.



## Step-by-step instructions

To complete this activity for your portfolio project, follow the instructions below:

Step 1: Open Adobe XD

If you've already created your desktop wireframes in Adobe XD, you should have the program downloaded. If you need to download Adobe XD, do so now. Adobe XD is free and available on Mac and Windows. However, if you haven't made any digital wireframes for your website yet, you need to go back to the activity on

[creating digital wireframes for a desktop screen size in Adobe XD](#) and complete them before beginning this activity.

If you are unable to download Adobe XD on your device, you can use Figma instead. Figma is free and available through any browser without having to download it to your device. To learn more about wireframing in Figma, visit the activity on how to

[create digital wireframes in Figma](#)<sup>[↗]</sup>.

#### Step 2: Review your wireframes

Gather the responsive homepage wireframes you mapped onto the grid paper template in the activity on [creating variations of your paper wireframes](#)<sup>[↗]</sup>. Then, open the file that contains your website wireframes in Adobe XD, which you did in the

[create digital wireframes for a desktop screen size in Adobe XD](#)<sup>[↗]</sup> activity.

Evaluate your responsive paper designs and consider updates you might want to make. Use the work you've already done for your paper wireframe to guide you through this process.

#### Step 3: Create an artboard for a new screen size

Select the Artboard tool by clicking the second icon from the bottom of your toolbar, or pressing the A key. A menu will pop up on the right side of the screen in the Property Inspector with a list of device sizes for you to choose from.

Decide what device you want to design for, then click on the name on the right side of the screen in the Property Inspector. An artboard that matches the device's dimensions will appear on your canvas. Name your artboard so that you can revisit it as needed.

In responsive designs that require the user to scroll down to view the rest of a page, an artboard might have to be extended beyond the dimensions of the preset device screen size. That's okay. If this applies to you, begin with the preset artboard size, then click and drag the bottom of the artboard downwards as needed to extend the length of the screen.

#### Step 4: Create a responsive homepage for a new screen size

On the newly created artboard, copy and add elements from your desktop wireframes so that your new responsive homepage design matches the paper wireframe version you created in the activity on how to [create variations of your paper wireframes](#)<sup>[↗]</sup>. Some of the elements you add may look similar to the desktop version but are different sizes, or different elements altogether.

You may have to resize, remove, or edit some of the desktop elements so they fit your new screen size. Things like carousels, hamburger menus, and cards are useful ways to save space and make the website accessible on a smaller device. You can refresh your memory on placing responsive elements by revisiting the reading on

[common elements used in responsive design](#)<sup>[↗]</sup>.

When you're finished, you should have a completed homepage wireframe that is made for a different screen size than your desktop wireframes.