

Web Technologies

UX/UI Design Boot Camp
Lesson 21.1





45 minutes

Today's Objectives

By the end of class today, you will be able to:



Describe how a website moves from development to being “live.”



Assess hosting technologies for portfolio websites.



Decide on the hosting technology you will use for your portfolio.



Start building your portfolio website.

How a Website “Goes Live”

Moving from Development to Production

Although each team is different, typically a website goes through these stages:

01

Design: thought and discussion goes into the product before coding.

02

Prototype: experimentation and usability testing.

03

Development: coding and testing iteratively until product is done.

04

QA (Quality Assurance): making sure the product works as intended.

05

Launch: publishing the site for end users.

The Role of UX in the QA process

Quality Assurance (QA) is the process of testing all aspects of a software or product to ensure that it meets the requirements provided before development began.

QA is looking for 'bugs' by testing the code and user interface for technical issues. They ask "Does this break when I do [x]?"



The Role of UX in the QA process

As designers, we can help QA deliver a high quality product by assessing the interface after development is complete.

In this assessment, sometimes called a “UX/UI Audit” we check for the “look and feel” of the site or product.



Conducting a UX/UI Audit

Questions we might ask during a UX audit of QA-tested work:







- Does this look like the mockups?
- Does the experience align with the intended user flow?
- Does this element/UI/page interact like it should?
- Is internal consistency maintained?
- What are 'must-fix' items?
- What recommendations can improve the page?

Write notes, and take screenshots provide to dev team along with any recommendations.

Assessing Web Technologies

Assessing Web Technologies

Your choice of technology is always a tradeoff.

CMS  <ul style="list-style-type: none">+ Ubiquitous, knowledge can transfer to client work- Little to no customization	Low-Code Solutions  <ul style="list-style-type: none">+ Requires little to no coding+ Flexible customization- Hard to add functionality	No-Code Solutions  <ul style="list-style-type: none">+ Quick and easy+ Templates are provided- Minimal customization
Code-Your-Own  <ul style="list-style-type: none">+ Highly customizable- Can feel like “reinventing the wheel”	Framework  <ul style="list-style-type: none">+ Faster to develop than code-your-own option- Bigger learning curve	Unhosted (PDF)  <ul style="list-style-type: none">+ Maximum visual customization+ Can be tailored to job desc.- Less discoverable

Hosted vs. Managed vs. Self-Hosted WordPress Websites

If you're considering WordPress, these are important differences to know.

01

A **hosted WordPress** website is one created and managed by the WordPress platform.

The url always ends in wordpress.com and the website owner does *not* have full access to the code files.

02

A **managed WordPress** website is one managed by a web hosting provider like porkbun.com. The hosting platform provides the framework and back-end management. Website owners usually have access to *most* code files, but there are guardrails around truly destructive behavior.

03

A **self-hosted WordPress** website is one where the website owner chooses a hosting provider then installs and maintains the WordPress blog framework themselves. This gives direct access to the root directory and control over every line of code.



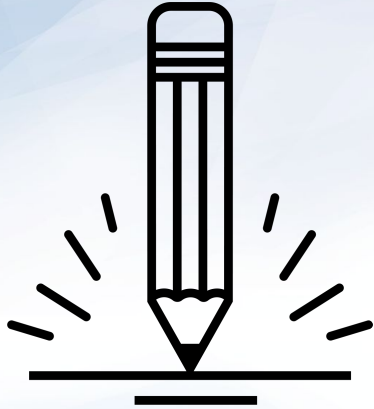
Activity: Evaluating Hosting Technologies

Suggested Time:
30 minutes





Time's Up! Let's Review.



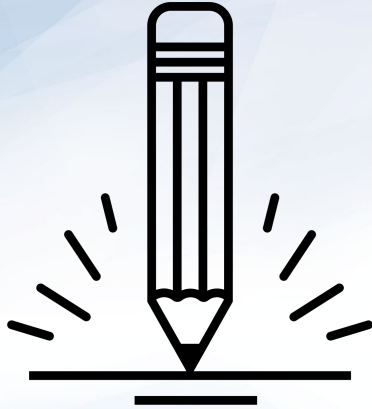
Activity:

Presenting Hosting Technology
Solutions Pros and Cons

Suggested Time:
30 minutes



Choosing a Hosting Technology



Activity:

Choose a Hosting Technology Solution For Your Portfolio

Suggested Time:
10 minutes





A close-up photograph of a computer keyboard. The central focus is a large, white, rectangular key with rounded corners. On this key, there is a dark blue icon of a coffee cup with three wavy lines above it representing steam. Below the icon, the word "Break" is printed in a dark blue, serif font. The key is set against a background of other keyboard keys, which are slightly out of focus. To the left, a key with double quotation marks is visible. Above the main key, there are keys with forward slashes and brackets, and a key with a vertical line and a dash. The lighting is soft and even, highlighting the texture of the keys.

Break



Activity:

Start Your Portfolio Website

Suggested Time:
60 minutes



Prepare to Pitch Final Projects

Pitching Final Project Ideas - Overview



Pitching Final Project Ideas will take place on class 21.3.



Sign up to pitch an idea by letting instructional staff know.



Each person gets 60 seconds to describe the problem they want to solve.



We will cast dot votes on projects to form teams.

Pitching Final Project Ideas - Pitch Format

Hi, I'm [name]!

The problem I want to solve is [problem].

The users impacted by this problem are [users].

I think the solution might take the form of [mobile app, website, redesign, smartwatch app, etc.].

Pitching Final Project Ideas - Frequently Asked Questions

Can I pitch two ideas?

No, pick your favorite.

What if my idea isn't selected?

Join another team, save your idea for your passion project!

Can I still work on my idea if no one else selects it?

Not unless you can find at least one other person to join your team.

Can I vote on my own idea three times?

No, you have already voted on your idea by presenting it.

Start Spotting Problems

Start problem-spotting and identifying things you want to solve.



Congratulations! Recap

Today we learned:

01

How UX/UI designers can support the QA process.

02

We assessed web technologies to determine what we will use for our portfolio websites.

03

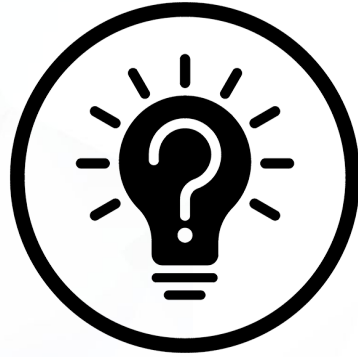
We started building our portfolio websites.

Week 21 Design Challenge

Week 21 Design Challenge

This week, you will:

- Select a hosting technology for your portfolio and write 3–5 sentences to describe your reason for selecting it, including pros and cons considered.
- Select 2–3 KPIs for your design portfolio and describe why these are the metrics you will track and what you expect to learn from them.
- Publish your portfolio website and share a link to it as part of your homework.



Questions?

*The
End*



30 minutes