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UNDER DEVELOPMENT

• **How to use this pdf during entire web development course :**

Hello , I'm Abhishek in this course you will learn about web design and development. As we know both parts i.e. Developing and Designing are not same. That's why for making a website we hire a web developer but what will the look of your website for that you have to hire a web designer or we can say UI &UX designer.

As I said earlier both designing and developing are different two different task but as our technology getting his pace the market value of web developers getting lower but for to get enough money or placement some of them start doing two different tasks as one means to get high price they will do both designing and development. So if we see the requirement of current trend is both.

But the problem is how to get the courses for Design then here the solution .

I will made pdfs for this course in different parts and the content is taken from different different good websites. So you can get all the courses at one place.

And in last of the every course you will get Assignment section so try hard for that.

Introduction

As I mentioned earlier this course will be parts so now the question is what are the things we will cover then here the list for you and you will able to do all these courses in just 15-20 days.

• Web frontend development
• Web backend development i.e. Database
• UI and UX designing/ Developer

So start you countdown

DAY 1 :

Before you can understand how to program the web, you need a more rigorous understanding of the web itself than you likely have now. These concepts provide a more holistic understanding of the ecosystem in which you will be working and will enable you to talk intelligently with other developers about your work.

LEARNING OUTCOME:

At the end of this lesson, you should be able to do the following:

- **Describe what the internet is.**

  - The internet is a worldwide network of linked computers. Each of these computers can communicate with each other in a specific format.

- **Describe what packets are and how they are used to transfer data.**

  - Packets are the information of the internet. Packets are sent from the sender to the receiver in a specific format that contains all the information needed to communicate.

- **Understand the differences between a web page, web server, web browser and search engine.**

  - A web page is the page you look at in your browser.

  - A web server is the computer that has the code for how the webpage should look and act.

  - A web browser is a program on a computer that displays web pages.

  - A search engine is a web server that searches all other web servers for information. A user can then pull up the web page on their web browser and search for a site.

- **Briefly explain what a client is.**

  - A client is a computer or internet device that requests information from a server.

- **Briefly explain what a server is.**

  - A server is a computer that receives requests (as packets) from the client and responds with the appropriate data.

- **Explain what DNS servers are.**

  - DNS Servers are the "phone book" of the internet. They translate domain names into IP addresses.
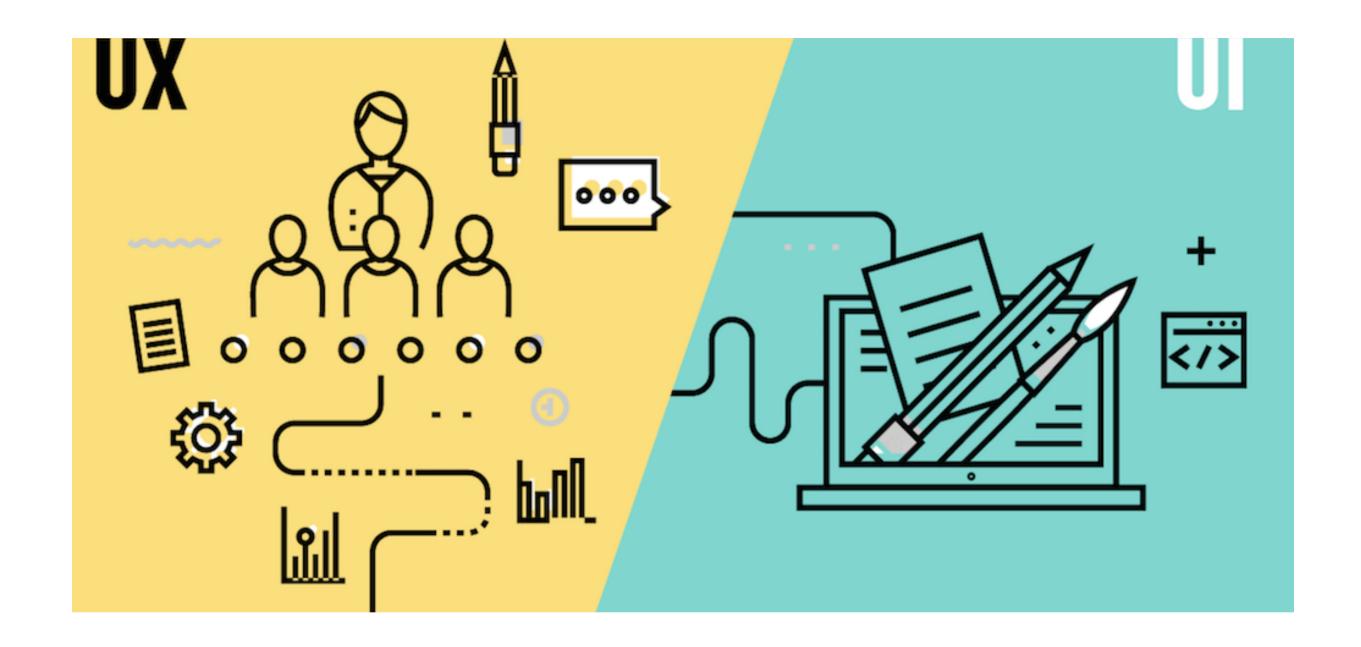
ASSIGNMENT

1. Watch this BBC short for an overview of how the internet works.

2. Read this article from Mozilla on "How does the Internet work?".

3. Watch How the Internet Works in 5 Minutes.

4. Read up on the differences between a web page, a web server, and a search engine.

5. Watch this Google short explaining what a web browser is. Then, find out what web browser you are using right now.

6. Read about how one part of the web interacts with another and read about or watch a DNS request in action.

ADDITIONAL RESOURCES

This section contains helpful links to other content. It isn't required, so consider it supplemental material for if you want to dive deeper into something.

- If you're in for a bit more reading, you can check out the Introduction to HTTP online book at LaunchSchool. This book also touches on some topics covered later in the curriculum, such as developer tools and security. Additionally, you can learn about HTTP tools, which you may find helpful in the future.

- Listen to Part 1 (starts around 8:30) and Part 2 of Security Now Podcast's *How the web works* series.

- Watch A packet's journey.

DESIGNING PART

CREATING A UNIQUE PERSONAL DESIGN STYLE :

We're all scrambling to be different and own our own slice of the design scene. Because of trends and the type of design that we're exposed to, we all end up consuming the same art and influenced by the same design. Thus, we end up making work that looks similar.

There is hope! You harness the power to have a unique style that is a total reflection of who you are as an individual. You are complex and made of a series of interesting qualities that make a big personality unlike anyone else. There is no one in this world that has the exact same qualities, personality, and skills as you! In this lesson you'll work to define what makes you unique, set a life's purpose that influences and drives your work, and create a new design style unlike anyone else's using your unique skillset and personality.

- **Step 1: Define what makes you unique**

  Before you work on designs, you must first define what makes you a totally unique person. Write a list of three core personality traits, or qualities, that make you amazing and interesting. You'll translate those into mood boards later, so do your best to choose qualities that can be represented visually. For an in-depth version of this exercise, check out my workbook and video series <u>Full Time You</u>!

  Meg's example*: I love change, I don't take anything too seriously, I love supporting others.*

- **Step 2: Create a life's purpose**

  A life's purpose is a crucial thing to have. It should be something short that's made just for you. Because of your unique personalities, skills, and qualities, your life's purpose should be easy to fulfill daily by you. Your purpose should drive every career and life's decision that you make. You should be using your life's purpose to position your design work and style.

  Meg's example: *My life's purpose is to make the world a happier place.*

- **Step 3: Visualize your findings**

  Make a separate mood board for each of your three personality traits or qualities. You'll likely have to do some critical thinking to maneuver your traits into visuals. Your mood boards should include photography, design, illustration, colors, and whatever else you need to accurately represent your unique qualities.

  Once your mood boards are finished, take a step back and notice common visual cues that are associated with each. You'll see that each of the mood boards are vastly different because you're made of traits that are totally different from one another. Our goal is to combine the mood boards into one super "you" board that will be different from anyone else's and unlike anything that exists in the world.

• Step 4: Create your new design style

Here comes the hard part! Create a new mood board with work entirely made by you. This super "you" board should take elements you notice from each of your individual boards and combine them to create a brand new design style that's a reflection of the unique person you are. Say one of your boards is full of bright colors and geometric shapes, another has art deco intricate illustrations, and the third has a lot of humor. You'll create a new style that mixes geometric boldness with intricate line work but has a hilarity to it. Catch my drift?

Make sure your new design style is also fulfilling your life's purpose and utilizing your unique set of skills. If your life's purpose is to promote bod positivity, you can fulfill that in each piece you make! If you're skilled at photorealistic portraits, use that! If you're great at hilarious copy in your work, go for it! Those things are what make you amazing.

In the end you'll create a design style unlike anyone else, because you're unlike anyone else. Your unique design skillset, life's purpose, and qualities makes for a style unlike anyone else's.