| Challenge 2: Servers and infrastructure |
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| General Goal By the end of this module, the learner will be able to understand concepts like: CMS, Server, Domain and hosting. |
| Learning Objectives  1. Understand what a website is 2. How to form a plan and analyze steps while developing a website 3. Basic knowledge on languages and CMS |
| Description This lesson will focus on the necessary steps and actions to be undertaken before and during a website development. |
| Instructions A web hosting is a computer where people store their websites. Think of it as a house where you store all your stuff; but instead of storing your clothes and furniture, you store computer files (HTML, documents, images, videos, etc) in a web host.  <https://www.webhostingsecretrevealed.net/blog/web-hosting-guides/how-to-host-a-website/>  <https://www.webhostingsecretrevealed.net/blog/web-hosting-guides/what-is-the-difference-between-a-domain-and-web-hosting/#domain>  <https://www.webhostingsecretrevealed.net/blog/web-hosting-guides/different-types-of-web-hosting/>  <https://www.freecodecamp.org/news/how-the-web-works-part-ii-client-server-model-the-structure-of-a-web-application-735b4b6d76e3/>  To proceed with a website, you need to think about the following steps:  **Decide which types of website you are building**  Write down the structure of a website: your menu, your contents structure.  **Compare web hosting types**  search on the web and Select hosting providers and plans, list features, prices, strengths and weaknesses.  Quiz:  Do I need a host for my website?  (**yes**/no)  Feedback: Yes, web hosting is one of the key components necessary for running a website.  Do I need a domain to run my website?  **yes**/no (Yes! Without it, your users will have no way to get to your website unless they know the exact IP address. )  **What is wordpress?**  **a web application**  an elearning platform  an operative system  Steps (put in order the following steps):  Specify a goal for your website and list all your requirements.  Research your market and competitors.  Research what appeals to you visually.  Choose your website builder.  Choose your web host.  Choose your domain name.  Add your content and customize the layout.  Connect all the necessary tools. |

| Resources <https://www.getresponse.com/blog/personal-website-examples>  <https://websitesetup.org> |
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