

# Domain and hosting registration

## Access to a public web server <https://www.000webhost.com>

It is important that students know how to publish content on the web. Finding complete free servers that look like pay-per-view servers is becoming more and more complicated, because usually when you find one that works and you have it on hand, they go and do it for a fee and you have to start over with another, at least it has happened to me more than 4 times over the years.

In this activity the proposal is that you get the service of a web hosting on the Internet that has at least PHP and Mysql service (in case you want to expand functionality in the future).

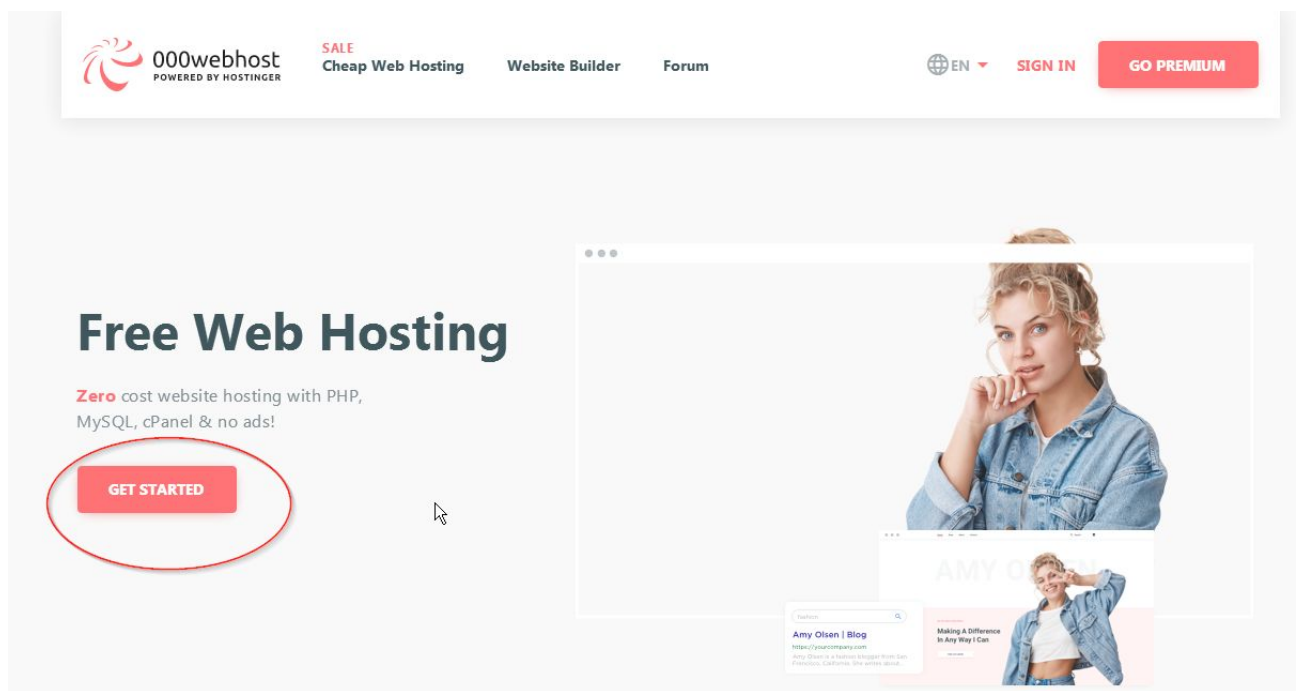
We can also consider the possibility of having your own domain, in this case to help students practice on how to hire a domain name and manage it, you have a small guide at the end.

### 1.- Create an account on the web server (hosting)

<https://www.000webhost.com>

[Mini-videotutorial sobre com registrar un domini gratuït](#)

We will go to the web "<https://www.000webhost.com/>" and we will choose "Get Started" and then "[Free Web Hosting](#)"



It will open a new window to choose what type of Plan we want. We will choose "Free Hosting". It also shows us the benefits of each plan.

Choose one of the premium plans and enjoy all the greatest features, industry leading performance and top of the class 24/7 live support on the market. Unlimited hardware resources, free domain, SSL & SSH also included!

Free Web Hosting	Single Shared Hosting	<b>MOST POPULAR</b> Premium Shared Hosting	Business Shared Hosting
<b>\$0<sup>00</sup></b> /mo	<b>\$0<sup>79</sup></b> /mo <small>\$9.00 Save 90%</small>	<b>\$2<sup>31</sup></b> /mo <small>\$10.00 Save 74%</small>	<b>\$3<sup>19</sup></b> /mo <small>\$15.00 Save 75%</small>
<ul style="list-style-type: none"> <li>✓ 1 Website</li> <li>✓ 300 MB Disk Space</li> <li>✓ Limited Bandwidth (3 GB)</li> <li>✗ No Email Account</li> <li>✗ 24/7/365 Support</li> </ul>	<ul style="list-style-type: none"> <li>✓ 1 Website</li> <li>✓ 10 GB Disk Space</li> <li>✓ Limited Bandwidth (100 GB)</li> <li>✓ 1 Email Account</li> <li>✓ 24/7/365 Support</li> <li>✓ Free Domain</li> </ul>	<ul style="list-style-type: none"> <li>✓ Unlimited Number of Websites</li> <li>✓ 20 GB Disk Space</li> <li>✓ Unlimited Bandwidth</li> <li>✓ Unlimited Email Accounts</li> <li>✓ 24/7/365 Support</li> <li>✓ Free Domain</li> <li>✓ Weekly Backups</li> </ul>	<ul style="list-style-type: none"> <li>✓ Unlimited Number of Websites</li> <li>✓ 30 GB Disk Space</li> <li>✓ Unlimited Bandwidth</li> <li>✓ Unlimited Email Accounts</li> <li>✓ 24/7/365 Support</li> <li>✓ Free Domain</li> <li>✓ Daily Backups</li> </ul>
<a href="#">See all features</a> <a href="#">FREE SIGN UP</a>	<a href="#">See all features</a> <a href="#">ADD TO CART</a>	<a href="#">See all features</a> <a href="#">ADD TO CART</a>	<a href="#">See all features</a> <a href="#">ADD TO CART</a>

Then we can choose how we want to validate:

- 1.- Directly to an email from us.
- 2.- Using a Google, Facebook or Hostinger account

The image shows a collage of two main elements. On the left is a 'Sign Up' form for '000webhost'. It includes fields for Email, Password, and Repeat Password. A red circle labeled '1' highlights the 'SIGN UP' button. Below this, another red circle labeled '2' highlights the social login options: 'UPGRADE TO HOSTINGER', 'LOG IN WITH FACEBOOK', and 'LOG IN WITH GOOGLE'. On the right is a website layout featuring a woman's face, a 'Premium Hosting' offer with a countdown timer, and various product images.

- Preferably take Google Work Count [2]



# Hey there,

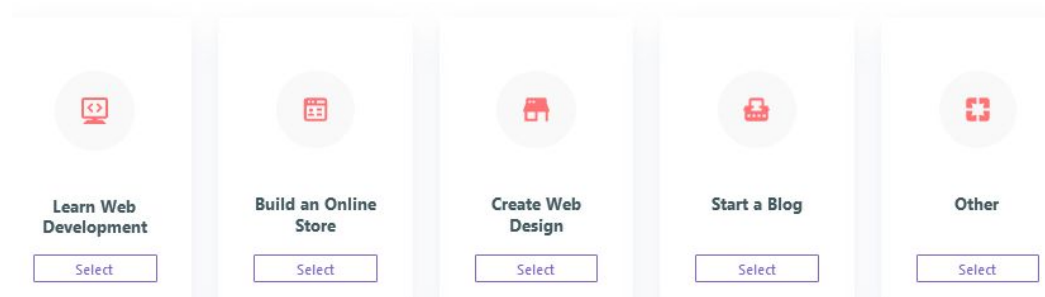
Welcome to 000Webhost hos

LET'S CREATE SOME MAGIC

- It welcomes us and invites us to click the button "LET'S CREATE SOME MAGIC"

First things first

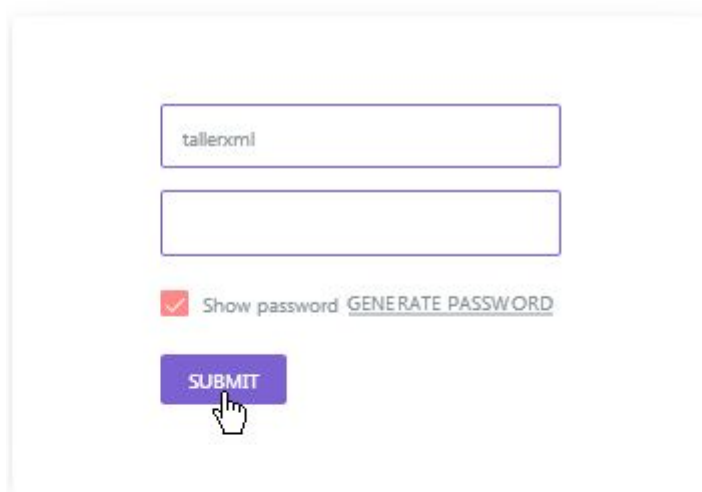
## What would you like to do?



- It gives us a way to choose which work environment we want to access we will choose "Learn Web Development"

A great start is half the work

## Name Your Project

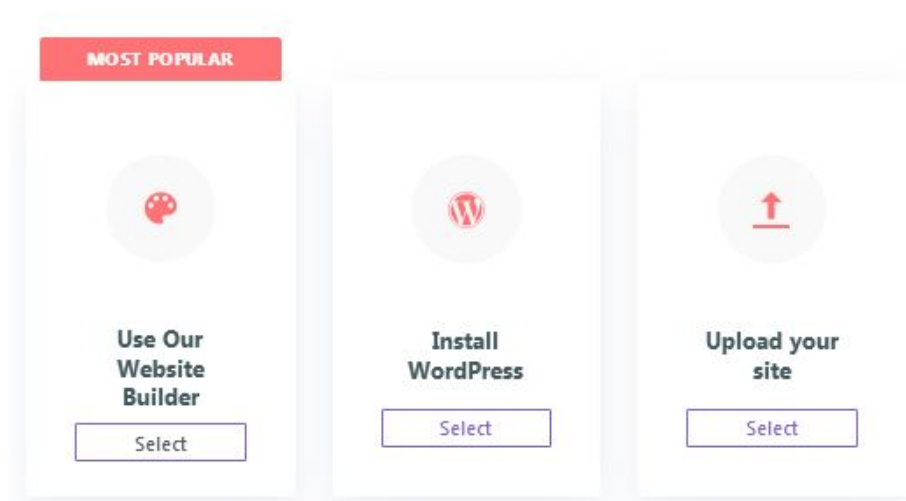


A screenshot of a web form titled "Name Your Project". It features two input fields: the first contains the text "tallerxml" and the second is empty. Below the fields is a checkbox labeled "Show password" which is checked, and a link labeled "GENERATE PASSWORD". At the bottom is a purple button labeled "SUBMIT" with a hand cursor icon pointing at it.

- He then asks us to provide him with a "project name" and a password

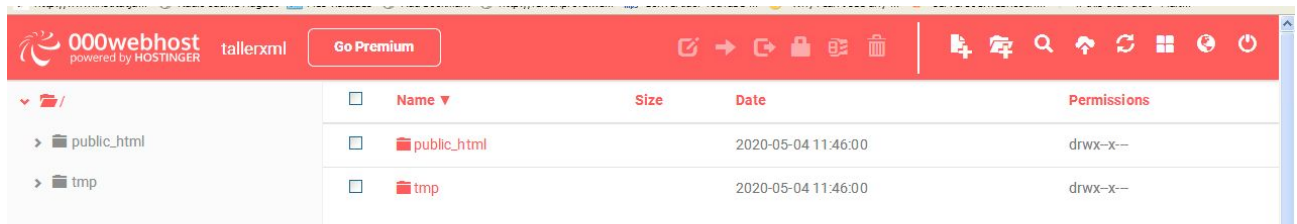
Here is your tool box

## Choose your weapon of mass creation

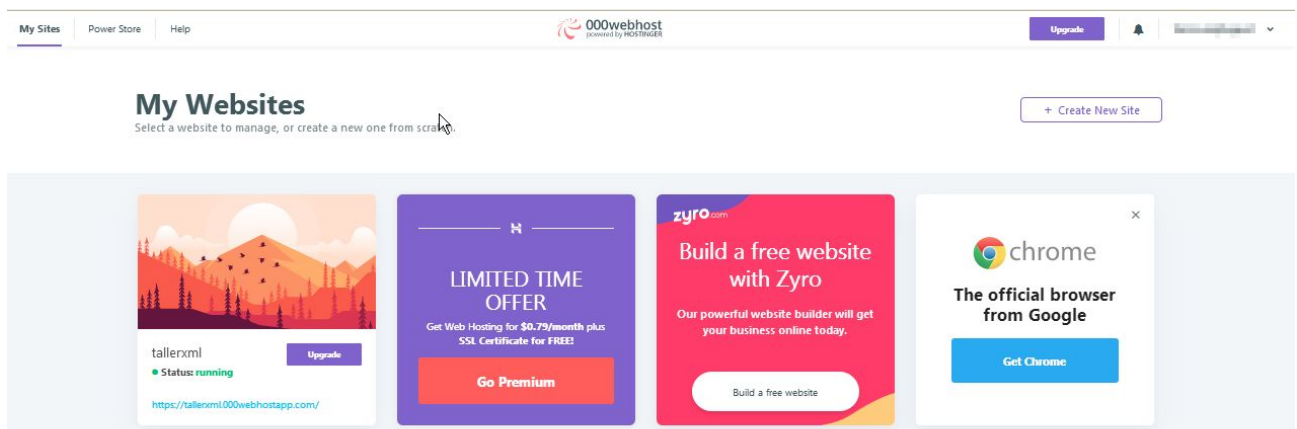


A screenshot of a section titled "MOST POPULAR" in a red box. Below the title are three cards, each with a circular icon and a "Select" button. The first card has a red icon with three dots and is labeled "Use Our Website Builder". The second card has a red "W" icon and is labeled "Install WordPress". The third card has a red icon of an upward arrow and is labeled "Upload your site".

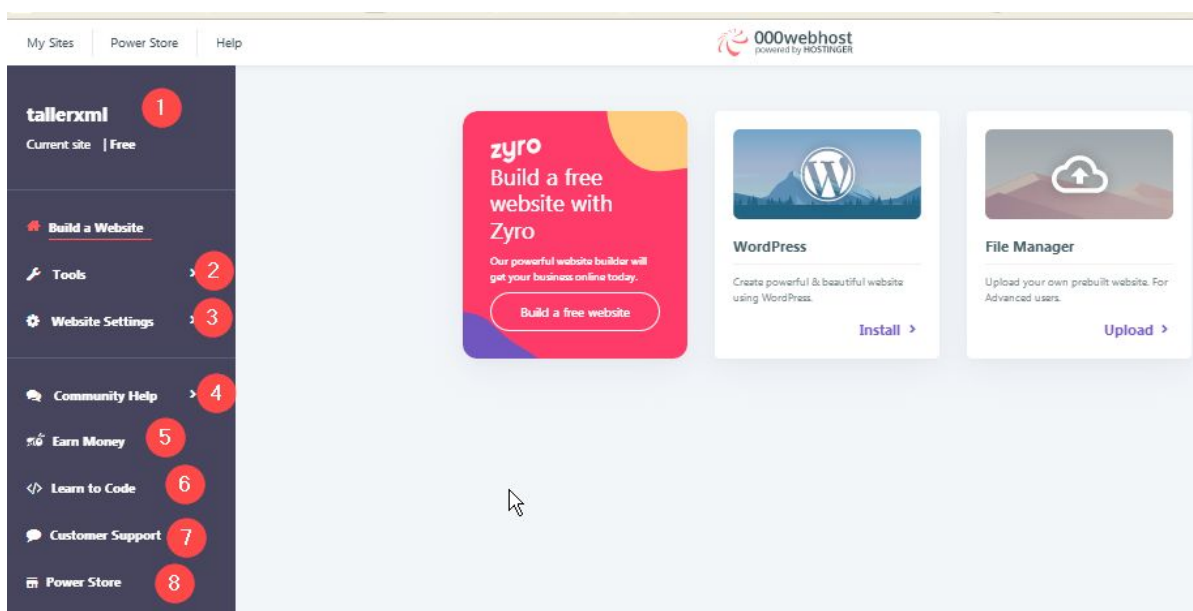
- Next step offers us 3 options to create our web spaces, we will choose the option "Upload your site"



- Which takes us to the **FileManager** to manage the files. You have now created a web page project. You could upload files and manage your space. When you exit and re-enter it will take you to another environment
- When we re-enter we will see the following:



- By clicking on our project we will see:



1. Name of the project and the website that will have the syntax **project\_name.000webhost.com** in our case would be [m4LES\\_VOSTRES\\_INICIALS.000webhost.com](https://m4LES_VOSTRES_INICIALS.000webhost.com)
2. Important tool space for web development with FileManager, Mysql and phpMyadmin database manager, Domain manager etc.
3. Website configuration
4. Help forum
5. How to make money with the web
6. Support space
7. Complementary payment services that we can incorporate into our website

## Introduction to HTML and CSS

### Justification

Although in Module 4 of the CFGS of Informatics on "XML and Language of marks" is not the space to develop the fundamental contents on HTML and CSS, the fact that the Module 04 to the common being is located in the 1st course of the CF CF of the Informàtica family makes it necessary to make a quick introduction to HTML and CSS to be able to apply the XML / XSLT transformations that are basic in the UF1 and UF2 of the M4, and also to see the data exchange in a web.

We assume that HTML is a basic competence of ESO and that some students, have already seen it in various subjects throughout their studies, we need a strategy to review and advance in learning to work with HTML and CSS to this reason without making us waste a lot of time and students get into the HTML language, professional CSS. quickly, I found a fantastic video tutorial of



only 12 minutes that I think can help you in this task of introducing to your students in HTML and CSS and also gives some resources for Sublime Text.



In this activity you will create the platform on which ALL module 04 will be developed, so following the [video](#) you will create the proposed portfolio by customizing some aspects of this website:

The video :

- It lasts 12:01 minutes. That is very suitable to do in class.
- We can use the learning outcome as a portfolio template for the subject.
- We can download the resulting final template locally, to always have a backup.

At the same time we can add other more complete and comprehensive tutorials. The proposed methodology focuses on following the video tutorials and creating the template with HTML5 and CSS that should give us some basic initial knowledge needed to then create XSLT templates to transform XML data and make it visible on a website.

## Activitat



### Proposed web pattern

Another pattern: <http://ferranprofe.x10host.com/portfolio/>

Create a website from an internet template (you can download it from anywhere you want as long as it's CC, such as [HTML5up](#), [FreeTemplates](#) or [FreeWebTemplates](#)).

Add and remove the code you think is relevant so that the main page has a header, a navigation bar, two sections for content, and a footer.

The content sections will have your name (very large) and a photo / image that characterizes you, and below a second section that we will fill it little by little with our activities.

## **[Optional] Create your own free domain**

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# Warning!!!!

For a reason we do not understand, **Freenom** incorporated an unintuitive registration process that means that if you do not have an account (in this case it is your situation), as you will see explained in the video tutorial, you must write in the freedom domain search engine, the full domain name with the extension, and therefore if you do not care and just enter the name without the extension does not let you go.

Remember that you can follow the [video tutorial](#) you have before.

Let's go to the url: <https://www.freenom.com> we indicate the domain we want to use



The screenshot shows the Freenom website interface. At the top, there's a navigation bar with links like 'Services', 'Partners', 'Acerca Freenom', 'Support', 'Registrarse', and 'Español'. Below this is a search bar where 'novesreceptes.tk' has been entered. A button labeled 'Comprobar disponibilidad' is next to it. Below the search bar, a message states 'Sí novesreceptes.tk está disponible!'. To the right of this message, it says '1 dominio en el carro' and 'Finalizar la compra'. Below this, a summary box shows 'novesreceptes .tk' for 'GRATIS' (EUR 0.00) with a 'Seleccionado' button. Below this, a section titled 'Consiga uno de estos dominios. Son gratis!' lists three alternative domains: 'novesreceptes .ml', 'novesreceptes .ga', and 'novesreceptes .cf', each for 'GRATIS' (EUR 0.00) with a 'Seleccionar' button.

1. We will indicate the name we want to register. In our case "**novesreceptes.tk**". It is **important to indicate the extension** as well
2. Button to search for the availability of the indicated domain
3. List of available domains for our name
4. The domain "**novesreceptes.tk**" is available
5. Show us other alternatives

The next important step is to extend the free registration period to 12 months

The screenshot shows the Freenom DNS configuration page for the domain 'recipes.ml'. The page has a 'Domain' section with 'recipes.ml' and a 'Period' section with '12 Months @ FREE'. In the 'Use your new domain' section, there are two options: 'Forward this domain' and 'Use DNS'. The 'Use DNS' option is selected and circled in red. Below this, there are two tabs: 'Use Freenom DNS Service' and 'Use your own DNS'. The 'Use your own DNS' tab is selected. Below this, there is a section titled 'Enter your A record here' with two rows of input fields for 'Nameserver' and 'IP address'. The first row has 'NS1.X10HOSTING.COM' and the second row has 'NS2.X10HOSTING.COM'. A 'Continue' button is at the bottom right.

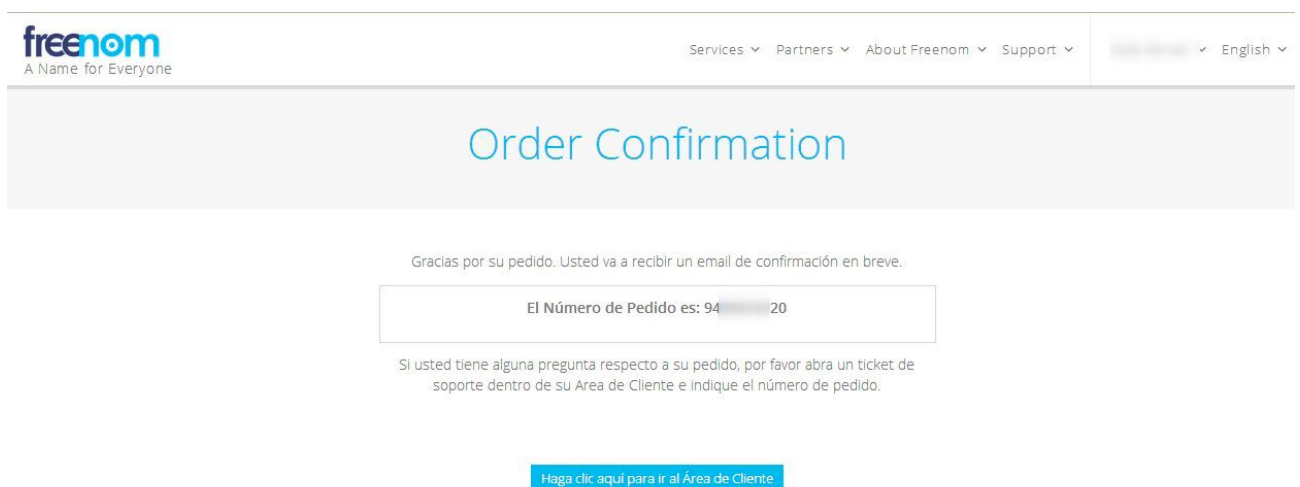
Now we have configured the DNS so that when users enter the url of our domain

"http://www.receptes.ml" the DNS systems will send the request to our hosting that is X10hosting.com which will already have configured to host the our domain and redirect it to the web space we have determined.



Descripción	Precio
Registro de dominio - receptes.ml	€0.00EUR
Subtotal:	€0.00EUR
VAT NL @ 21.00%:	€0.00EUR
Importe a la Fecha:	€0.00EUR

It will show us a receipt that you pay but for an amount of zero euros. **Important to click the acceptance of the order we have at the end!!!!**



Gracias por su pedido. Usted va a recibir un email de confirmación en breve.

El Número de Pedido es: 9420

Si usted tiene alguna pregunta respecto a su pedido, por favor abra un ticket de soporte dentro de su Área de Cliente e indique el número de pedido.

Haga clic aquí para ir al Área de Cliente

When accepting the order will show us the confirmation message and soon we will have our domain operational.

- Once the mail is received (***If you do not receive it check the Spam folder very often and they will stop***) they will send you a link and a confirmation code which will be the last step:
- Normally in a few hours the domain will be operational

## **Responsive HTML for mobile [optional]**

If we look at [Pablo Monteserin's](#) pattern on **HTML and CSS**, he now shows us how to create a web page that fits the screen dimensions of the device we look at on the web (**Responsive Design**). In the video tutorial it teaches us how to use different CSS parameters depending on the screen size and at the same time having images of different sizes that fit better with the screen size.



You can develop your portfolio in the form of a responsive platform that fits the size of your device.  
You can follow the video tutorial that [Pablo Monteserin](#) has done on this aspect:

You can watch the [video tutorial](#) and follow what he explains from the materials he uses and which you can download.