

Project - *Introduction au Web*

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Goals

In this project you will create a small website to present yourself, like a digital CV. The site map is presented in figure 1. The website must contain the 3 pages described later. If you reach every goal of this document, you can continue following the “Go further” section.

The Web site can be done in French or in English. You **MUST** use HTML5 tags for this project.

For this project, you must think of these two fundamental rules for writing Web pages:

1. Separate the style and the content, the HTML and the CSS;
2. Rely on tables (<table> tag) for the page's presentation is the best way to get a **very bad mark**. Tables are for data, not for pages structuration.

N.B. : Read this document entirely before you start to work.

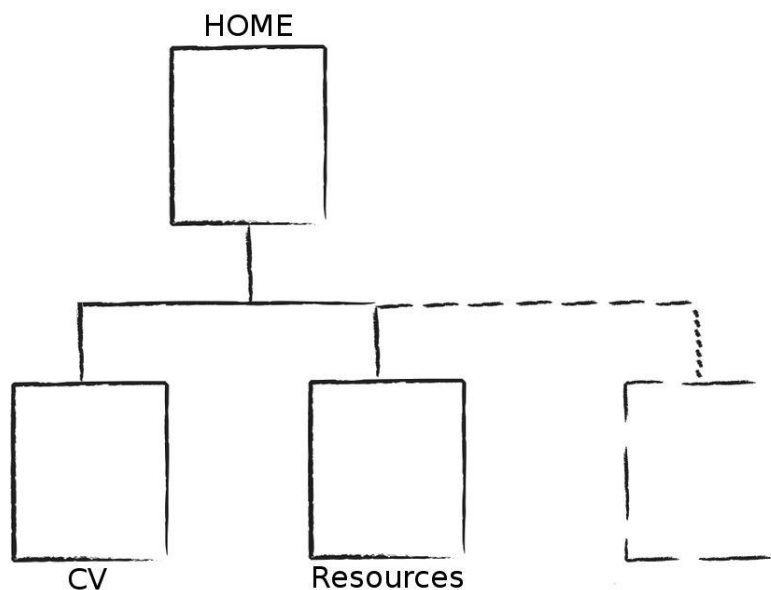


Figure 1 – Site map

Code Validation

You must validate all of your HTML and CSS files thanks to the W3C validators:

- https://validator.w3.org/#validate_by_upload for the HTML
- <https://jigsaw.w3.org/css-validator/> for the CSS

Sanctions will be applied if errors are found by those validators.

Website presentation

Home

See figure 2 for the details of this page.

The diagram illustrates the layout of a website's home page. It is enclosed in a rectangular frame. At the top, there is a section for the **TITLE**. Below the title is a horizontal navigation menu containing three items: **Home**, **CV**, and **Resources**. The main content area is divided into two parts. The upper part is a large rectangle with dashed diagonal lines crossing in the center, labeled **Presentation text**. The lower part is a **Contact :** section. This section includes three input fields: **Name**, **Email**, and **Message**. A **Send** button is positioned below the **Message** field. At the bottom of the page, there is a footer area containing the text **copyright,**

Figure 2 – Accueil

You will choose a title for your website. The size of your title must be increased to make it more visible.

The horizontal menu below the title must be a list in a `<nav>` tab with modified CSS to make it appear on the same line. This menu must be centered, and each item must be at 10px from each other.

Each element of the list must be a link to page of your website. The menu must have two borders, one above and one below.

In the main paragraph of this page, present yourself, and the website itself (including a presentation of the other pages). This paragraph must be structured thanks to titles tags <Hn> (n from 1 to 6) (you don't need to use every of them).

Below this paragraph, you will add a contact form (it is NOT meant to work, only the HTML/CSS part of the form will be developed, but the "send" button is not supposed to actually send a message). The form will ask for:

- Name of the user
- His/her email address
- The message itself

The footer of the page will contain the informations you find useful (copyright, ...). These informations must be centered, and the footer must have an upper border.

The footer must be present on every page of your website, along with the title and the menu.

Curriculum Vitae

Write in this page your CV. The figure 3 represents what it is supposed to look like.

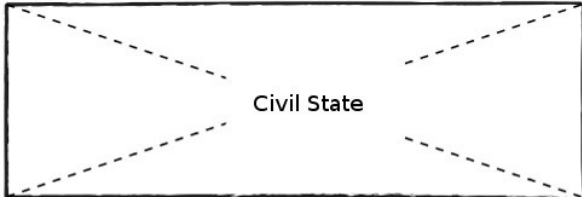
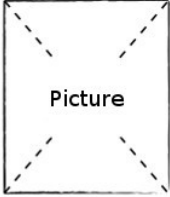
<h1>TITLE</h1>	
Home CV Resources	
 Civil State	 Picture
<h3>Education</h3> <ul style="list-style-type: none">• Minimum multo itaque adiumentique caritatis.• Et atque quem causam semper.• Latasque suis superbas venerabilis velut.	
<h3>Skills</h3> <ul style="list-style-type: none">• Minimum multo itaque adiumentique caritatis.• Et atque quem causam semper.• Latasque suis superbas venerabilis velut.	
<h3>Hobbies</h3> <ul style="list-style-type: none">• Minimum multo itaque adiumentique caritatis.• Et atque quem causam semper.• Latasque suis superbas venerabilis velut.	
copyright,	

Figure 3 - CV

Your picture must be at the right of the civil state. It must have a border large enough to make it highlighted. The titles (Education, Skills, Hobbies) must have a border below as wide as the page. The elements of the lists need to be in a different color than the civil state and the titles.

Resources

This page will be composed by these elements, according to figure 4:

- Links to download internal or external documents
- An integrated video
- An example of indented code

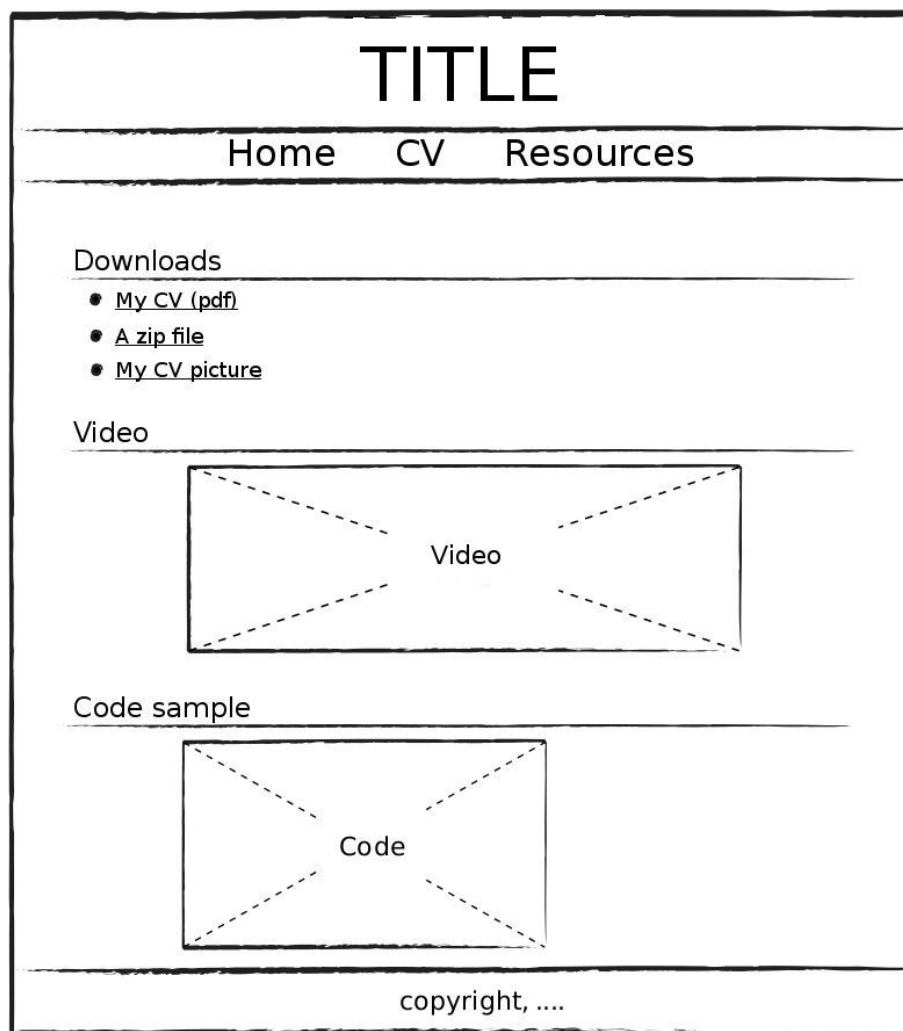


Figure 4

As the previous page (CV), you will use titles to separate the different sections:

- Downloads: 3 links must allow to download:
 - A pdf document
 - A zip file
 - The local picture used in the CV

The pdf document and the zip file can be local or distant.

- Video: Using the html5 tag <video>, you will insert a video (not a link, the full player must be displayed). It can be either a local or distant video.

⚠ If you choose to use a local video, it must be small enough to fit in Mootse's hosting system.

- Code sample: an indented and formatted sample of code (C, C++, Java... as you want!), using the <pre> tag.

Go further

If you completed the previous requirements, you can go further by enhancing your website. You can for three steps, and so three other versions of your website (and so three other projects) :
Project 1 :

Use iframe in order to segment your website.

Project 2 : If you have a WAMP like environnement, with fonctionning PHP :
Add a few php, in order to include your different pages in each others.

Project 3 :
Search and find another method to include your different page without iframe or php.

If you completed ALL the previous requirements, you can go further by enhancing your website. You can for example use Bootstrap, using the following lines:

```
<head>  
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/  
bootstrap/3.3.5/css/bootstrap.min.css">  
</head>
```

You can visit these websites to find examples on how to use the Bootstrap components:

- <http://getbootstrap.com/examples/theme/>
- <http://getbootstrap.com/components/>