

# Assignment Web Engineering

## Assignment

Create your own portfolio website with some information about your project. The style and layout are completely free to choose.

Even if you do your project together with someone else, each of you has to create his own website of which the layout and structure should be clearly different.

Beware of **plagiarism**! If you use code from the net, then add a note to it and indicate where you found it!

## Pages

### Mandatory

- **Project page** (see *appendix 1*) that contains at least the following elements:
  - The **title** of your project
  - A **logo** or other small figure related to your project
  - A short description of **who** you are (be sure to mention your name, study discipline and phase) and **what** your project will be about. Feel free to advertise here!
  - A **slideshow** with a few pictures from your project.
  - If your project contains **hardware**, you make a block with a short explanation and a block diagram about your hardware development.
  - A short explanation with a block diagram about your **software** development.
  - A movie (optional)
  - A **footnote** with the copyright notice:  
"Copyright © Thomas More Mechelen-Antwerp vzw - Campus De Nayer - Professional bachelor electronics-ict - 2021"
  - This overview is meant to advertise your project! So use **CSS** to make it look good. Do **not** use **tables** to put parts of the page in place! Show what you can do!

- **CV page** with:
  - information about yourself
  - information about your hobbies
  - information about any previous projects (GIP, ...)
- **Contact page** (*see appendix 2*) with:
  - **Checking** if all fields were completed correctly using **JavaScript** (no alerts)
  - Send the form data by **email** if the check is OK. Otherwise nothing will be sent.
- **Home page** with:
  - Your own way to welcome your visitors and forward them to the rest of your portfolio website.

## Structure (see appendix 3)

- Your website opens with the **Home page** (index.html). From here you can navigate to the rest of the site.
- The **project page** will have a **poster-like** layout, fully realized with **CSS**.
- The different pages of your website have the **same basic style** and **structure** (header, menu bars, content, footnote, ...).

## Minimum requirements

- All pages must be **100% valid** (validator.W3.org)
- Use **HTML5**
- Use a proper **CSS-reset**
- Use only **external stylesheets** (reset.css, screen.css, ...)
- Do **not** use **tables** to format your pages!
- Make sure your website remains well laid out and readable in **Firefox, Chrome** and **Edge**.
- Minimum **4** completed pages. Show what you can. Make sure there is some variety in your pages. Show that you have a good understanding of **CSS**.
- Use **padding** and **margin** in the right way! **Don't use break** tags to make room!
- Use **floats** in at least 1 place and **flexbox** in at least 1 place to take care of the layout.

- Create a **Contact form** validated with Javascript (zie above), do not use alerts!
- Create a **Project page** with **poster-like** layout (see above)
- Use **jQuery** in **at least two** places in a relevant way. You may use plugins but don't forget to mention the **source** of the plugin and of course you will get bonus points for working jQuery code that you wrote yourself.
- Make sure your layout also **fits** on a **screen** that is a little bit wider or smaller.

## Deadline and practical arrangements

This assignment counts for **40%** of your lab exam. Moreover, during the exam, depending on the Covid situation at that time, there will be questions about your website. This explanation will also be quoted. All websites must be submitted as a **zip file** via **Canvas before 16/05/2021** at 23:59!!

**Too late means less points (-1pt per day)!!**

## Appendix 1

Julia Roberts


127.0.0.1:5500/

60%

Meest bezocht Aan de slag Meest bezocht Aan de slag Aanmelden bij uw acc...

PROJECT

Shooter

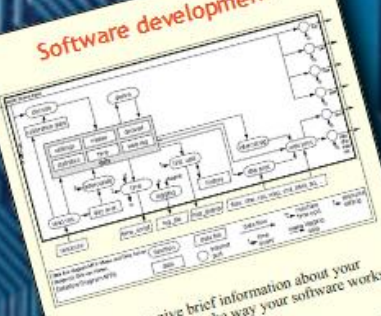


Hello,

I am Julia Roberts, student professional bachelor electronics-ict, phase 1.

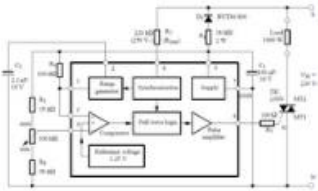
For my project I made a device that shoots stretchers at a moving object. Thanks to this project I was able to see for myself what you can do when you bring electronics and ICT together in one system! And because the eye also wants something, we gave our device a special shape. This was possible thanks to the 3D printer of our colleagues from the department "design and production".

Software development




Here you can give brief information about your block diagram, about the way your software works.

Hardware development



Here you can give brief information about your block diagram



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## Appendix 2

The screenshot shows a web browser window with the title 'Jan Janssens'. The address bar displays '127.0.0.1:5500/conta' with a 60% zoom level. The browser's bookmark bar shows 'Meest bezocht' and 'Aan de slag'. The website has an orange header with a 'PROJECT' logo and the title 'project: shooter'. A teal navigation bar contains links: Home, About me, project, hardware, software, realisaties, Overview, and Contact. The 'Contact' page features a heading 'Contact' and a note: 'Fields with a \* are mandatory'. The form includes input fields for Name, Email, and Phone, each marked with a red asterisk. A larger text area for a question is also marked with a red asterisk. At the bottom of the form are 'send mail' and 'reset' buttons. The footer contains the copyright notice: 'Copyright © Thomas More Mechelen-Antwerpen vzw - Campus De Nayer - Professional bachelor electronics-ict - 2020'.

Jan Janssens

127.0.0.1:5500/conta 60%

Meest bezocht Aan de slag Meest bezocht Aan de slag Aanmelden bij uw acc...

**project: shooter**

Home About me project hardware software realisaties Overview Contact

### Contact

Fields with a \* are mandatory

Name: \*

Email: \*

Phone:

Question: \*

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## Appendix 3

