Web markup Assessment

The web markup assignment is to code a webpage according to the delivered design template. This assignment is a solo assignment. Copy source code from other students or other sources is forbidden with an exception from the delivered sources by the examiner.

If the examiner is doubting if the student understands the code or have the feeling that it is copied from "somewhere" else. The examiner can call for a code assignment. In this code assessment the student must explain, what the code is doing, what the strategy is behind and why the student have chosen for this solution to build the website.
If the examiner has 2 projects with exact the same source code both and the examiner has the feeling of plagiarism. Both assessments will be forwarded to the exam commission. The exam commission will decide the outcome and it is out of control from the examiner.

Within the end assignment, the student will be graded on the 3 pillars; HTML, CSS and Symantec.

For this assessment, the student will receive 1 file "Webmarkup assessment 1819.zip" posted on Blackboard.
This file contains:
- assets folder:
    - file : **student.txt** in the asset folder
    - file : **robots.txt** in the asset folder
    - file : **index.html** ,starting position to build up the landings page. Text already present in this file has to stay in the existing lower or uppercase. Styles have to be changed in the CSS file. There is only <u>one</u> index.html and this file have to be used for mobile, tablet and PC.
    - file : **product.html** , all images have to be added in the CSS file.
    - file : **contact.html**, some of the HTML code is already added. The student have to deal with the current form and source code already there can't be removed. It is aloud to add code like id and classes and insert new code between.
- assets/img folder:
    - **background**, can be used for PC to get extra conditions completed.
    - companylogoBG, used for the background for the company logo.
    - **product1** - **product 12** is used for different objectives.
- assets/movie folder:
    - **background**, movie can be used for PC to get extra conditions completed.
- design folder:
    - 3 designs (landing page [index], product and contact) for PC. The ratio and resolution are fixed (scale 1:1).
    - 3 designs (landing page [index], product and contact) for Tablet. The ratio is depending resolution.
    - 3 designs (landing page [index], product and contact) for mobile. The ratio is depending resolution.

Grading

The grading from the assignment is divided in different groups.

Assignment groups:
    I.   Design converted into code.
   II.   Semantic.
  III.   Fonts.
  IV.   Media [images/movies].
   V.   User & SEO support.
  VI.   Positioning.

Every group has its own grading group and be rated as **insufficient**, **sufficient** or **excellent**.

Be aware, if one of conditions is failed in the lowered rating. The student cannot go for a higher rating in the same group. Explanation according an example.

Example rating group 1 [situation 1 from 4]:

- Excellent
    - condition 6 [unknown]
    - condition 5 [unknown]
- Sufficient
    - condition 4 [unknown]
    - condition 3 [unknown]
- **Insufficient**
    - **[Conditional set of requirements to start]**
    - condition 2 **[passed]**
    - condition 1 **[Failed]**

The outcome of the rating will be **"Insufficient"** because, condition 1 is on **failed**. Condition 1 and 2 are conditional set of requirements. If condition 1 and 2 are not passed rating will stop for this group.

Example rating group 1 [situation 2 from 4]:

- Excellent
    - condition 6 **[passed]**
    - condition 5 **[Failed]**
- Sufficient
    - condition 4 **[passed]**
    - condition 3 **[Failed]**
- **Insufficient**
    - **[Conditional set of requirements to start]**
    - condition 2 **[passed]**
    - condition 1 **[passed]**

Condition 1 and 2 from the conditional set of requirements are passed. The student get now feedback from all other conditions. The outcome of the rating will be **"Insufficient"** because, condition 3 is still failed. To get sufficient condition 1,2,3 and 4 have to be on passed. It doesn't matter which condition is failed. If condition 3 is passed and condition 4 is failed, the outcome will be the same.

Example rating group 1 [situation 3 from 4]:

- Excellent
  - condition 6 [passed]
  - condition 5 [Failed]
- **Sufficient**
  - condition 4 [passed]
  - condition 3 [passed]
- Insufficient
  - **[Conditional set of requirements to start]**
  - condition 2 [passed]
  - condition 1 [passed]

All condition (1,2,3 and 4) under sufficient are passed, but condition 5 is still failed. The outcome of the rating will be **"Sufficient".**

Example rating group 1 [situation 4 from 4]:

- **Excellent**
  - condition 6 [passed]
  - condition 5 [passed]
- Sufficient
  - condition 4 [passed]
  - condition 3 [passed]
- Insufficient
  - **[Conditional set of requirements to start]**
  - condition 2 [passed]
  - condition 1 [passed]

All condition (1,2,3,4,5 and 6) under excellent are passed. The outcome of the rating will be **"Excellent".** Good job!

GRADING	
FAIL (4)	The assignment has **2 or more items** marked within the description "**insufficient**".
5.5	The assignment fits within the description "insufficient" with a **maximum** of **1** item "**insufficient**".
6	The assignment fits fully within the description of sufficient.
7	The assignment fits within the description of sufficient, with one item marked as excellent.
8	The assignment fits 50-50 within the description of sufficient and excellent.
9	The assignment fits within the description of excellent with one item marked as sufficient.
10	The assignment fits fully in the description of excellent.
The appraisal of the assessment with satisfactory score is 5.5 or more.	

Definition of a devices is described in the "test device definition" table:

TEST Devices definition		
	CSS width	expected pixel ratio
PC	>960px	1
Mobile	<360px	3
Tablet	360px – 960px	2

1. Delivered design is converted into code

- **Excellent**
  - o [condition 7] Design is a 1:1 copy on PC browser (**on all** browsers):
    - ▪ Chrome 69 (Sep 2018) or higher version
    - ▪ Firefox 62 (Sep 2018) or higher version
    - ▪ Edge 41 (Sep 2017) or higher version
    - ▪ IE 11.0.56 (Mar 2018) or higher version
  - o [condition 6] Design is a 1:1 copy on Mobile browser (**on all** browsers):
    - ▪ Chrome 69 (Sep 2018) or higher version
    - ▪ Safari 11 (Sep 2017) or higher version
  - o [condition 5] Design is a 1:1 copy on Tablet browser (**on all** browsers):
    - ▪ Chrome 69 (Sep 2018) or higher version
    - ▪ Safari 11 (Sep 2017) or higher version
- **Sufficient**
  - o [condition 4] Design is a 1:1 copy on PC **or** Mobile **or** Tablet.
    - ▪ PC browser (**on all** browsers):
      - ● Chrome 69 (Sep 2018) or higher version
      - ● IE 11.0.56 (Mar 2018) or higher version
    - ▪ Mobile browser (**one of the two** browsers)
      - ● Chrome 69 (Sep 2018) or higher version
      - ● Safari 11 (Sep 2017) or higher version
    - ▪ Tablet browser (**one of the two** browsers)
      - ● Chrome 69 (Sep 2018) or higher version
      - ● Safari 11 (Sep 2017) or higher version
- **Insufficient**
  - o [condition 3] Is not using JavaScript
  - o [condition 2] Is not using frameworks like bootstrap.
  - o [condition 1] Design is a 1:1 copy on PC, Chrome 69 (Sep 2018) or higher version. With the following qualifications.
    - ▪ Content is the right size according to the delivered design.
    - ▪ Content is in the right order according to the delivered design.
    - ▪ Content is in the right position according to the delivered design.
    - ▪ Content have the right colors according to the delivered design.

Web browser timeline:

https://en.wikipedia.org/wiki/Timeline_of_web_browsers

2. Semantic

- **Excellent**
    - o [condition 29] Is only using elements supported by HTML5.
    - o [condition 28] Is using pseudo classes.
    - o [condition 27] Is using CSS combinators "selecting by". Graded selectors are; comma, >, + or ~ (for example; "class > p" or "class + p" or "class ~ p").
    - o [condition 26] HTML, is validated by w3c https://validator.w3.org without any warnings.
    - o [condition 25] CSS, is validated by w3c http://www.css-validator.org without any warnings on level 3.
- **Sufficient**
    - o [condition 24] Comments are added on all Cascade Style Sheet files.
    - o [condition 23] Comments are added on all hypertext Language Markup files.
    - o [condition 22] Images are in the "/img" folder.
    - o [condition 21] Cascade Style Sheet are in the "/css" folder.
    - o [condition 20] External font files are in the "/fonts" folder.
    - o [condition 19] Is using HTML 5 elements with the right semantic.
    - o [condition 18] HTML, is validated by w3c https://validator.w3.org without any errors.
    - o [condition 17] CSS, is validated by w3c http://www.css-validator.org without any errors.
    - o [condition 16] "id's" are only used once on a single HTML page
    - o [condition 15] Using character entities in HTML, like ©.
- **Insufficient**
    - o [condition 14] Tabs are used to level the source code.
    - o [condition 13] HTML and CSS files have the right extension.
    - o [condition 12] HTML documents are declared as a HTML5 document.
    - o [condition 11] Element head is used on the right way.
    - o [condition 10] Element body is used on the right way.
    - o [condition 9] Is using at least the following elements; section, header, footer, p, article, nav and aside.
    - o [condition 8] Is using classes and id's.
    - o [condition 7] Is **not** using tag div.
    - o [condition 6] Is **not** using tag iframes.
    - o [condition 5] Is **not** using tags br or hr.
    - o [condition 4] is **not** declaring !important in the css.
    - o [condition 3] Is **not** using inline style.
    - o [condition 2] is **not** using embedded style.
    - o [condition 1] is **not** using predefined colors like red, blue and CornflowerBlue.

3. Fonts

- Excellent
    - [condition 6] "company name" font is changed into a local or external font. Student can make a own choice in style.
    - [condition 5] Made a choice between unit "em" or "%". Using only "em" or "%" in all CSS documents.
- Sufficient
    - [condition 4] Property font size and type is only defined once in a class (predefined font definitions).
    - [condition 3] Is using "em" or "%". and looking to the tree structure.
- Insufficient
    - [condition 2] Property font-family have a standard fallback "Times New Roman", "Times" or "serif".
    - [condition 1] All font styles and transformations in the stylesheet.

4. Media [images/movies etc.]

- **Excellent**
  - o [condition 9] All images are Portable Network Graphics format or Scalable Vector Graphics.
  - o [condition 8] All images are using different resolution sizes depending on the screen resolution. (@media)
  - o [condition 7] Having a "Fav icon" supporting Scalable Vector Graphics on all pages
- **Sufficient**
  - o [condition 6] Having a "Fav icon" supporting different sizes for Windows, Mac and iOS on all pages.
  - o [condition 5] Replacing body "Background" image for "background.mp4" without any:
    - ▪ damage on design.
    - ▪ movie is centered
    - ▪ movie is auto starting automatically
    - ▪ controls are hidden
    - ▪ sound is muted
- **Insufficient**
  - o [condition 4] Having a "Fav icon" on all pages. Student must arrange or create a own favicon based on the inholland logo.
  - o [condition 3] Using attribute alt on the right way on all pictures.
  - o [condition 2] Using attribute title on the right way on all pictures.
  - o [condition 1] All media styles and transformations in the stylesheet.

5. User & SEO support

- Excellent
    - [condition 17] Clicking on the company logo is going to the root.
    - [condition 17] Attribute keywords from the meta tag is corresponding with the title tag.
    - [condition 16] Attribute description from the meta tag is corresponding with the title tag.
    - [condition 15] Based on the current page, every .html page have different attribute keywords and description.
    - [condition 14] The robot.txt has User-agent: * and a Disallow: /inholland
    - [condition 13] The website has a sitemap with a monthly refresh
    - [condition 12] Using strong tag
- Sufficient
    - [condition 11] Attribute value UTF-8 from the attribute charset have to be defined for HTML5 only.
    - [condition 10] Between 7 - 12 attribute keywords with subject entertainment.
    - [condition 9] The attribute description is with a subject entertainment.
    - [condition 8] Having a robots.txt file in the root and a reference to the sitemap.xml
    - [condition 7] Having a DOM with 3 level elements.
    - [condition 6] Using a header 1 (company name) and header 2 (items like "we are","entertainment","mobile games" etc..to distinguish importance.
- Insufficient
    - [condition 5] Attribute value UTF-8 is declared as charset in the meta data tag.
    - [condition 4] Have attribute keywords defined in the meta tag,
    - [condition 3] Have author defined as metadata.
    - [condition 2] Have description defined as metadata.
    - [condition 1] Language support for audio listeners is English.

6. Positioning

- Excellent
    - o [condition 11] Website is fully responsive and acting different on PC, mobile and tablet.
    - o [condition 10] Is using Flex or Grid or in combination (for at least one page)
    - o [condition 9] Having a hamburger menu for mobile layout. The mobile have a overlay with a link to the other pages (not delivered on design files).
    - o [condition 8] Having a horizontal menu with unordered list tag for PC and tablet layout
- Sufficient
    - o [condition 7] Is using media queries
    - o [condition 6] is using float (for at least one page)
- Insufficient
    - o [condition 5] Is using z-index (for at least one page)
    - o [condition 4] Is using position property; with value, absolute or relative or fixed or a combination (for at least one page)
    - o [condition 3] Is **not** using any framework like bootstrap etc..
    - o [condition 2] Is **not** using div tag.
    - o [condition 1] Is **not** using javascript.

Deliverables and deadline terms:

Deadline

1st chance : 9th November 2018 23:59

2nd chance : 11th January 2019 23:59

Deliverables

1x   Working Url with the running website with the total assessment

- Landing page is **index.html**
- Other requested pages from the assessment are accessible (clickable link) from the landings page (index.html).
- The menu item blog is a link to http://www.blogger.com
- Be aware!, some "free" providers add javascript. Javascript is not allowed in the final version.
- Delivering a .zip file with all content is not allowed.
- The **student.txt** is delivered by the examiner on blackboard. The **student.txt** is placed in the root from the website. The **student.txt i**s completed with
  - student name : your name
  - student number : your student number
  - student class : your class

1x   URL that give access to repository.

- Only Github (https://github.com/) or Bitbucket (https://bitbucket.org/) are allowed to use.
- In between commitments (versions before the final) must be accessible.
- The **first commit** must be the delivered student.txt. The **student.txt i**s completed with
  - student name : your name
  - student number : your student number
  - student class : your class
- Private repositories are not allowed. Repositories are publicly accessible without any login.

If one of the two URL are not delivered. The assessment has a automatic FAILED (4.0) rating. The URL's with your name and student number will be submitted to : micha.vandermeer@inholland.nl. Email subject : ""**Webmarkup - assessment 1819**"". and in the body;
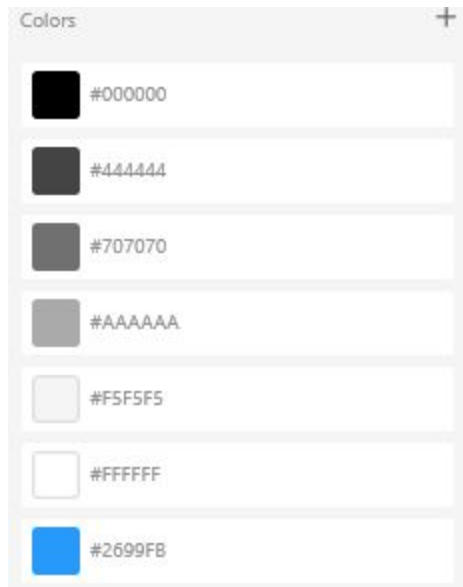
"" **Dear Micha,**

Website url : www.domain.com/xxx or www.domain.com
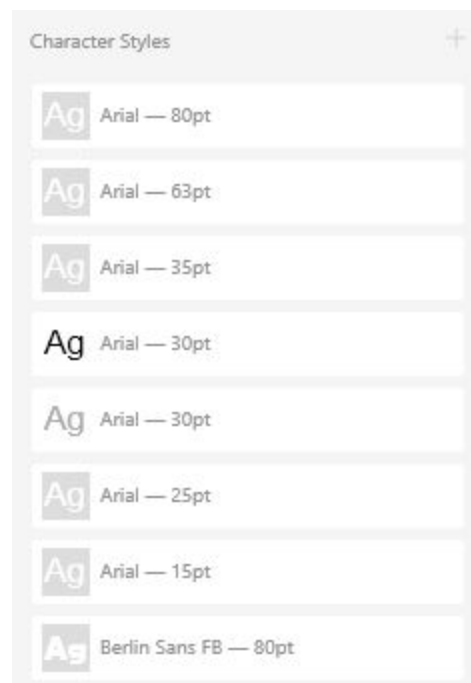
Repository url : https://github.com/yourloginname/yourproject

Kind regards,

student name , student number, [class]   ""

Colors from company brand book (style guide):

Colors   +

- #000000
- #444444
- #707070
- #AAAAAA
- #F5F5F5
- #FFFFFF
- #2699FB

Character Styles

Character Styles   +

- Ag   Arial — 80pt
- Ag   Arial — 63pt
- Ag   Arial — 35pt
- Ag   Arial — 30pt
- Ag   Arial — 30pt
- Ag   Arial — 25pt
- Ag   Arial — 15pt
- Ag   Berlin Sans FB — 80pt

Help me, schedule!

I'm on holiday with my family from 21 October till 26 2018. So I can not guarantee that I read any mail. From 26 till 27 I'm at the Spiel messe (https://www.spiel-messe.com/en/) for my work.

29 and 30 October, I'm at the university and you can ask me everything if you see me walking around H1.

31 October till 2 November I'm not working at the university but try to call me +31 6 31 790 332 or mail me direct on micha@vandermeer.info (only for questions, not for committing the assignment)

3 and 4 October we have a party because our company Hwa-Rang Dragon exist for 20 years. Only if you are a old Hwa-Rang Dragon student you can reach me on those 2 days for questions :).

5 and 6 November, I'm at the university and you can ask me everything if you see me walking around H1.

7 and 8 November I'm not working at the university but try to call me +31 6 31 790 332 or mail me direct on micha@vandermeer.info (only for questions, not for committing the assignment)

9, 10 and 11 November I'm not reachable. My team is in Croatia for a G1 tournament. So if you have any question before, 8 or 9 November is the last chance to catch me.