LOG

FOR WEBSITE PROTOTYPE

Subject:	Digital Skills
Student Name:	Philipp Eggert
Student-Number:	16015355
Github Link	https://github.com/peggert/website_final_version

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Student Name: Philipp Eggert
Student-Number: 16015355

Schedule

Website Schedule

Planning of:	**Website Prototype**			*Philipp Eggert*
		Website Prototype **Objective 1**	Website Prototype **Objective 2**	Website Prototype **Objective 3**	Website Prototype **Objective 4**
Sprint 1	Week 1	Outline and sketch Website	Decide on font	Decide on Header	Start on Website
Sprint 1	Week 2	Start by applying html/Css/tags	Create the sketched outline	Include footer	
Sprint 2	Week 3	Create working prototype Homepage			
Sprint 2	Week 4	Insert Logo/Design/CSS	homepage includes: Recent Posts	Homepage includes: Short description	
Sprint 3	Week 5	Create Blog categorization Page	Create at least 3 categories		
Sprint 3	Week 6	Finish full content page			
Sprint 4	Week 7	Contact page	(Contact Form) Contact information	Website contains interactive map like Google Maps	
Sprint 4	Week 8	Test for Errors	Depending on Error Test (objective 1 create sidebar)		
Sprint 5	Week 9	Create Working footer	Create one more page		
Sprint 5	Week 10	Redesign Process planning	Design Hover	Design	Contains visuals, video and interactive Media
Sprint 6	Week 11	Buffer	Relocated Objectives from previous sprints		
Sprint 6	Week 12	Buffer	Relocated Objectives from previous sprints		

Log

Github Link

Link of website files on Github:
https://github.com/peggert/website_final_version

Picture folders

Adobe files of the website logo and user portrait logo are in the "logo files" folder under "log _and_files" folder
Path:
website\log _and_files\logo files

Learning sources / Bibliography

Source 1
Sourcelink (url) :
http://www.w3schools.com/html/html_images.asp
What did I intended to learn:

I used this article to gain knowledge about implementing images the "alt=" function for alternative text and how to explain the file path to the computer (src=etc...)
How did I implement this in my project site:

Helped me when implementing navigation pictures with hover effect.

Source 2
Sourcelink (url) :

https://www.lynda.com/CSS-tutorials/Welcome/417645/484766-4.html?srchtrk=index%3a0%0alinktypeid%3a2%0aq%3acss%0apage%3a1%0as%3arelevance%0asa%3atrue%0aproducttypeid%3a2
What did I intended to learn:

By watching these videos I intended to learn all the basics of css.

I wanted to learn how exactly to use CSS in correspondence with HTML, about CSS specifications, how to use and work with fonts, how to adjust margins and paddings and how to best position elements.

How did I implement this in my project site:

As explained in the design process below it helped me to create the header of the page and throughout the whole process of designing the website. It also helped me adjusting and creating all parts of my website to fit the original plan stated in sprint 1. Furthermore this series of videos gave me a good basic understanding of the language and helped me when creating the image grid.

Source 3
Sourcelink (url) :

https://www.lynda.com/HTML-tutorials/Welcome/170427/196125-4.html?autoplay=true

What did I intended to learn:

I wanted to learn how to the basics of html coding and especially how to use tags and "div" elements to structure the page. I also used this Layda tutorial to get to know the html tags.

How did I implement this in my project site:

I implemented this knowledge throughout the website. Combined with my previous understanding of html I was able to structure parts of my website and create the header,body and footer.

Source 4
Sourcelink (url) :

https://www.youtube.com/watch?v=GNuCNQDGBnk

What did I intended to learn:

In order to create the Form and to grasp an understanding of how it works I watched this video. I intended to learn how to create input boxes with functions and learn about the different methods a button can be assigned to

How did I implement this in my project site:

The knowledge that I gained from this video is represented in the form in the contact section of the website.

Source 5
Sourcelink (url) :

https://www.youtube.com/watch?v=O2Wg4dBdqOY

What did I intended to learn:

I intended to learn how to create a header that has a fixed position in the website. Since I wanted to create the rollover effect on the website I needed a fixated header.

How did I implement this in my project site:

I used the information from the video to create a fixed and stationary header.

Source 6
Google Maps implant
Sourcelink (url) :

https://www.youtube.com/watch?v=vnd2jxUImtE

What did I intended to learn:

I intended to learn how to insert and integrate specific locations and maps into my website correctly.

How did I implement this in my project site:

I implemented this in my contact page as a map showing the hagehogeshool.

Source 7

Sourcelink (url) :

http://symbolcodes.tlt.psu.edu/web/codehtml.html#punc

What did I intended to learn:

I intended to learn how to translate symbols such as "&" or " " " into code that html encoders can read normally and without error.
Examples :
" = “
&= &amp

How did I implement this in my project site:

I implemented this inside all "<article>" tags and all my written works to format my code and to make use of correct symbols.

Source 8

Sourcelink (url) :

http://www.menucool.com/ui/responsive-image-grid-with-hover-effect

What did I intended to learn:

I was very intrigued by the hover effects and wanted to integrate them into my pictures, since without them they were very dull. I wanted to learn how to just show image text when being hovered over and how to blend in a background colour whenever the image is in focus.

How did I implement this in my project site:

I implemented this into my images that I use to navigate the user through the website. I also looked at the explanation of how to create this. It took about half a sprint till I finally had the css and html working and I was able to use the pictures with the hover effect illustrated on the above page. I also used percentages to make the images a little responsive to the display size.

Source 9

Sourcelink (url) :

https://www.youtube.com/watch?v=goJPvhfFdd8

What did I intended to learn:

I intended to use the gained knowledge to have a correct html5 semantic in my website.

How did I implement this in my project site:

The source explained how everything is contained in the <main> tag and explained how section, header and footer tags are used in html to explain and carry knowledge to the computer.

Source 10

http://demo.tutorialzine.com/2015/01/freebie-5-responsive-footer-templates/footer-distributed-with-address-and-phones.html

Source 11

Sourcelink (url):

http://www.w3schools.com/TAgs/tag_footer.asp

What did I intended to learn:

I intended to learn the basic structure of a footer tag
How did I implement this in my project site:

I used the gained knowledge when creating the footer. I used a <P> tag for my footer aswell because it was well described here. I also combined this knowledge with the other two sources that helped me gain knowledge on how to create footers.

Source 12
Sourcelink (url):
http://purecss.io/layouts/marketing/
What did I intended to learn:

I intended to study the layout's code and learn how to implement the rollover effect and structure into the website. Furthermore I wanted to learn how to create buttons and design navigations. Another important thing that I wanted to learn from this layout was how to work with percentages and the font size "em".
How did I implement this in my project site:

I implemented the rollover effect and parts of layout's css code into the homepage to make the layout work.

Source 13
Sourcelink (url):
http://getfirebug.com/
What did I intended to learn:

I expected firebug to be a help through the process. I wanted to use the application to analyse my website and to optimise it.
How did I implement this in my project site:

I used "Firebug" to help me with my website overall. I used it to create and test css styles in the header, footer, form and also the image grid which was extremely hard to create.

Pictures used in Website:
All pictures are free to use (pixbay).
I used these pictures for the website navigation and as background images.

"Header image"
https://pixabay.com/de/san-francisco-california-stadt-1633202/

UX cover photo
https://pixabay.com/de/samsung-samsung-galaxy-galaxie-793043/

Books:
https://pixabay.com/de/b%C3%BCcher-bildung-schule-literatur-441866/

First Lecture Cover:

https://pixabay.com/de/event-veranstaltung-dialog-vortrag-852833/

Drone Cover photo:

https://pixabay.com/de/drohne-multicopter-dji-inspire-1080844/

Audi MMi cover photo:

https://pixabay.com/de/auto-audi-lenkrad-armaturenbrett-933704/

Facebook icon in footer:

https://www.iconfinder.com/icons/317727/facebook_social_social_media_icon

Design Process

The log entries were made after the end of each sprint and are therefore written in the past tense:

<u>Sprint 1</u>
<u>Creating main folders</u>
Today I started on the Website, using Dreamweaver. I started by creating a new folder, which will be the source folder of the Website and created sub folders with the Following names:

- _html
- _css
- _images

The **images** folder will contain media files such as my logo or images used in Blog posts and as backgrounds
The **_html** folder will contain my main website pages and all the html scripts (only .html or .htm files)
_css will contain the cascading style sheets of my webpages (only .css files).

I started of by creating a photoshop file of the layout and the colour scheme I wanted to use:
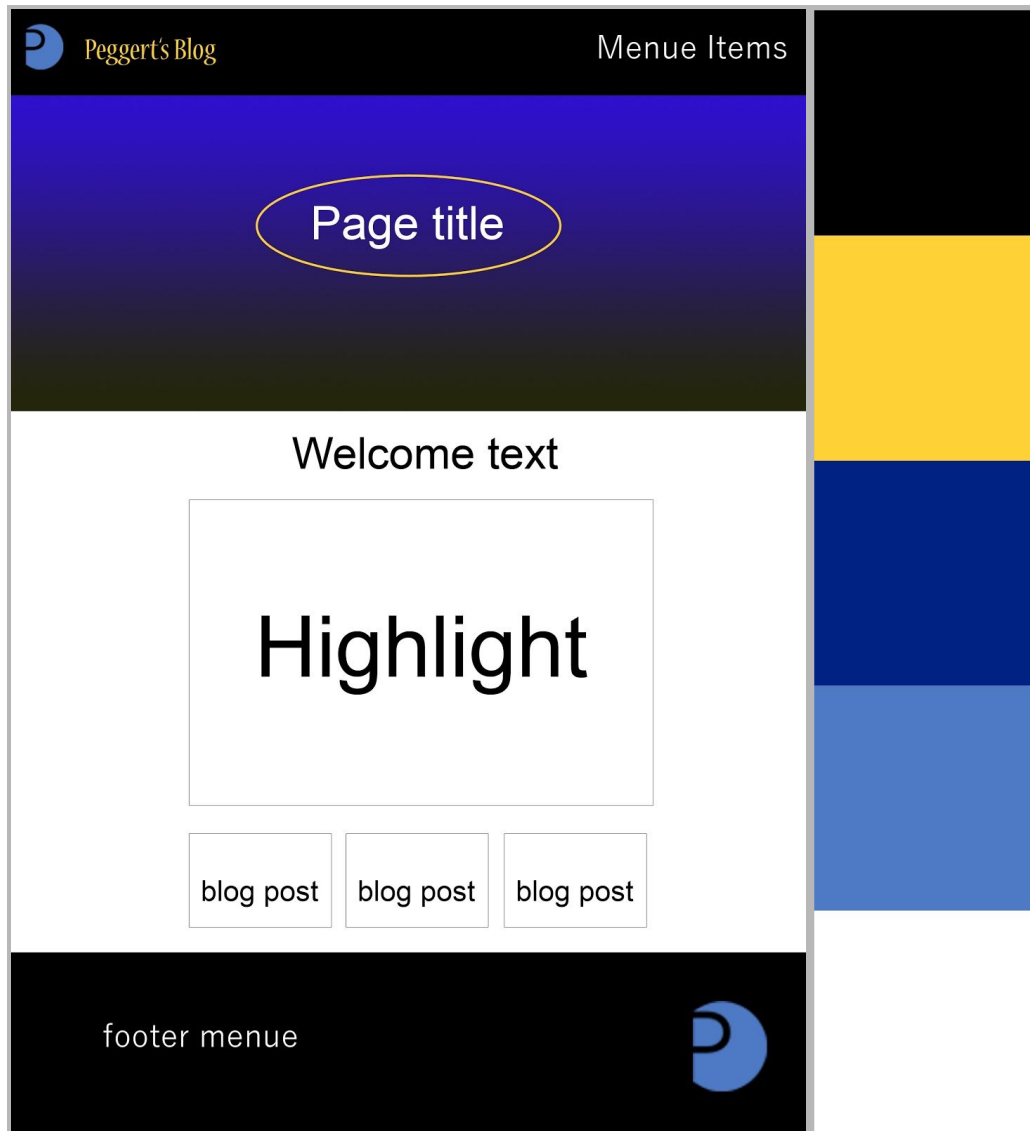
Since I already had a broad understanding of html and css, but wanted to refresh it I watchedLynda tutorials about html:
https://www.lynda.com/HTML-tutorials/Welcome/170427/196125-4.html?autoplay=true
And css:
https://www.lynda.com/CSS-tutorials/Welcome/417645/484766-4.html?srchtrk=index%3a0%0alinkty
peid%3a2%0aq%3acss%0apage%3a1%0as%3arelevance%0asa%3atrue%0aproducttypeid%3a2

When looking for tutorials and example websites I came across one very interesting layout of a website that used the "Z-index" function to blend the main section over another section. I was fascinated by this principle and wanted to create something similar and implement parts into my website.
Source: http://purecss.io/layouts/marketing/
Since a fixed header was required for this "rollover" effect, I searched for a video that explains how to create a fixed header: https://www.youtube.com/watch?v=O2Wg4dBdqOY

I followed the instructions and came up with my header. My header contains a logo the name of the blog and a menu. I used the layout stated above to create the rollover effect.I studied the code and I was able to replicate and integrate the rollover effect by using the the z-index and absolute position functions. The white section now moves over the the image. Furthermore I took integrated the idea of having a border line around my title for each page. On the first page I also included a button that will later on lead to a page in the website. I learned how to create the button by studying the code of the layout as mentioned in the bibliography.

The code from the layout and watching the videos from Linda and youtube mentioned in the bibliography helped me to create the rollover effect and a menu with active, hover and focus effects. Below is a snapshot of some of the header elements.
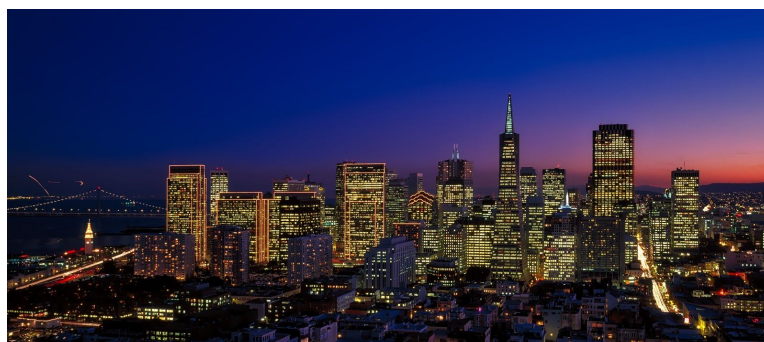

Sprint 2

After creating the header I found a picture that perfectly fitted to my Page:

The color scheme created earlier matched the colours in this image. I decided to use this image and inserted it into my css file as "background image". I learned how to do this in the css basics Video. I also wanted to integrate the Button from the layout mentioned earlier to lead the user to the categories of the page, which I used to divide the blog into different sections. On top of this image I implanted the Title and the button from the layout.

Sprint 3

Below is the first part of my website. It consists out of a Page title, menu bar logo, header image and the rollover effect that contains a welcome text.
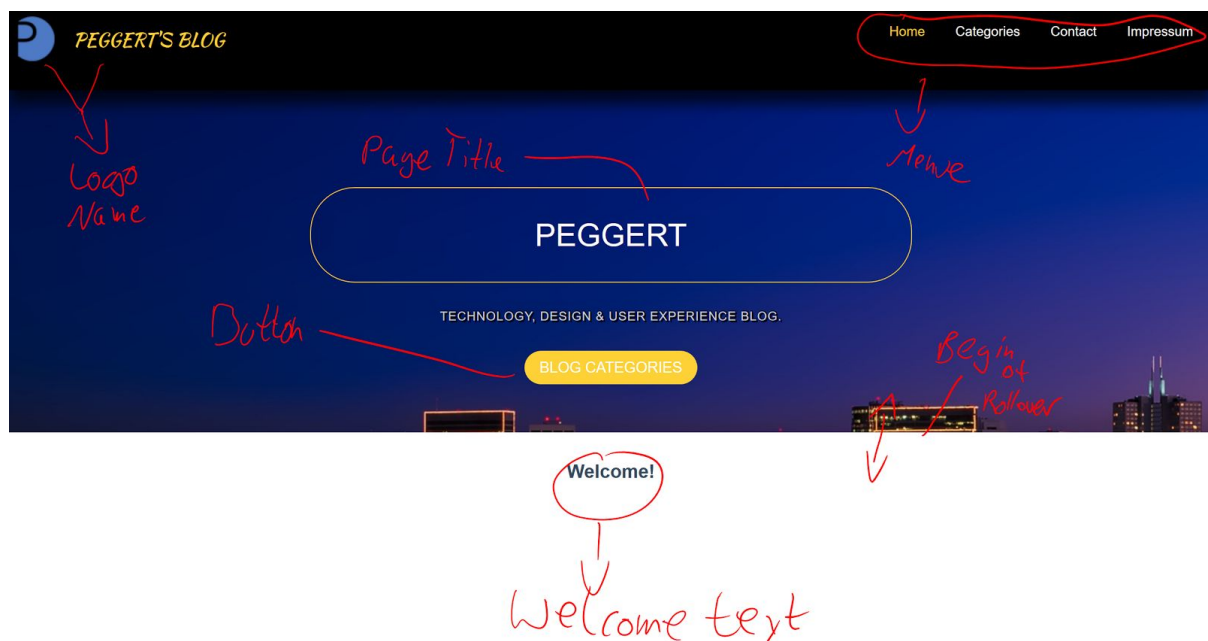
The Logo was created with Photoshop. Below is the process of the design. At first it was still a full circle but I ended up deleting all the white spaces. The Blue circle is supposed to represent the world and the P stands for the name of the Blog. There also is a "gestalt" element in this logo.

Timeline of development

Sprint 4

In beginning of sprint 4 I noticed that creating the contact page and other pages without haveing a footer would not make a lot of sense, because I would need to add the footer to both pages in the end. Therefore I decided to completely finish my homepage and then replicate it for all other pages.

The next step was to create a footer. The following link is a demo footer that explains how to dvide the footer into two sections (left & right):

http://demo.tutorialzine.com/2015/01/freebie-5-responsive-footer-templates/footer-distributed-with-address-and-phones.html .

I liked the demo because it would enable one to put your logo on the one side and the menue and social links on the other side. I used this template to figure out how to divide my footer into different sections and the Lynda tutorials mentioned earlier to create and manage the content of the footer. The html- Lynda tutorial explains how to use the footer tag and how to integrate a menu using a ul list.

I finally came up with the following design:
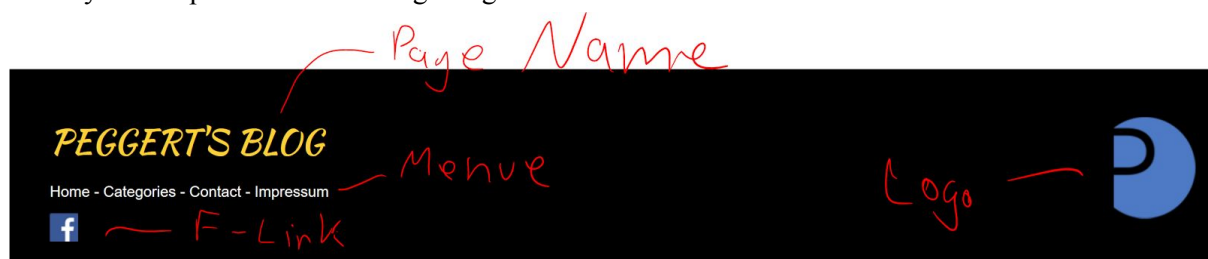
I wanted to keep the footer simple and still contain the above mentioned elements. The logo leads back to the main page by using an "<a href="link">" tag. The facebook icon leads to the social media page of the blog and the menu offers the user to switch pages.

Furthermore, I worked on the content of the page and the Welcome text, which I gave a seperate class to.

Sprint 5

In sprint 5 I focused on the picture grid that I planned on using to lead the user through the website. Since I was not satisfied with plain images that lead to different pages, I wanted to integrate a nice hover effect. In the internet I found inspiration:
http://www.menucool.com/ui/responsive-image-grid-with-hover-effect
On this website it was explained how to create a responsive image, that when being hovered gets a blue tone to it. I used the explanation on the page to implement this technique to my homepage. The website also taught me two new css functions I did not know about before:

Transform: scale (1);
Transition: 1.1s ease 0s;

These function helped me to make the images even more responsive by enabling me to zoom them in in a specific time frame when being hovered over.

The following screenshot is a representation of the final image grid.

I choose to take a blue tone for my image grid. A little darker and with less opacity than in the example on the website but fitting to the colour scheme created in sprint 1. It took a while to figure out how to make the text only appear when the hover was active, but finally it worked after going through the whole code again and by using the firefox tool called firebug.
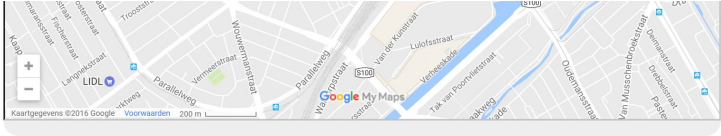
Sprint 6

In sprint 6 I created all other pages. I started by creating the contact page. On the contact page I created a form by the help of a youtubue tutorial:
https://www.youtube.com/watch?v=GNuCNQDGBnk
It explained very well how to implement the form into the website. Then I teached myself how to create a ":focus" effect and how to change it's looks in css.

I then continued by adding an "iframe link from" google maps to my page. To enhance looks and visibility of the form and the map I added a the "background-colour" "#eee".

Student Name: Philipp Eggert
Student-Number: 16015355

CONTACT FORM

Your Name:

Your E-mail:

Your message:

Send Message

xeep

focus

Sprint 7

Over the last two weeks I worked on correcting errors and adding content to all the pages. I used entities for symbols and greek letters when adding blog posts to the page. A website that offered a table with all translations helped me translate symbols such as "&".
http://symbolcodes.tlt.psu.edu/web/codehtml.html#punc

I also worked on my semantics and added section, header, article, main tags etc. to the website.

```
        </ul>
      </nav>
    </div>
  </header>
  <!-- _____ End of Navi
  <section class="blog-container">
    <div class="blog">
      <h1 class="blog-head">Peggert</
      <p class="blog-subhead"> Techno
      <p> <a href="categories.html" c
    </div>
  </section>
  <section class="content-chest">
    <div class="content">
      <header class="welcome-text">
        <h1> Welcome! </h1>
        <p> A Blog about: </p>
        <h2> IT, Design & User Experi
        <p>Below you can find the mos
```

I made last edits, finished up the page and ended up with this page: