Unit 15 - Website Development - Assignment 2 - Viktor Salihu

P2 Produce designs for a website that meet client requirements.

The client's recuirements:

1. Profile of the company itself.
2. Profiles of existing trainee web developers.
3. Job specifications and required qualifications.
4. An online application form.
5. Links to web development courses.

Visual designs for the website

I have used Figma to create some visual designs. I have used it because it has easy navigation and it is user friendly. It will provide me with a good overview of the website and it will help me to create a good design.

This is the first design I have made:

COMPANY

PROFILE OF EMPLOYEES

PICTURE

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PICTURE

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TESTIMONIALS

The comment

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PICTURE

The comment

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PICTURE

COUNTER

404

COUNTER

404

COUNTER

404

AVAILABLE JOBS:

JOB TITLE, JOB CODE

INFO ABOUT THE JOB

APPLY BUTTON

JOB TITLE, JOB CODE

INFO ABOUT THE JOB

APPLY BUTTON

JOB TITLE, JOB CODE

INFO ABOUT THE JOB

APPLY BUTTON

JOB TITLE, JOB CODE

INFO ABOUT THE JOB

APPLY BUTTON

APPLICATION FORM

FIRST NAME

LAST NAME

EMAIL ADDRESS

PHONE NUMBER

LINKS TO DEVELOPMENT COURSES

Courses

Courses

Courses

CONTACT DETAILS:
EMAIL
PHONE
WORKING HOURS
PICTURE IN GOOGLE MAPS

Alternative design options

I was asked to create two designs, one main and one alternative. This is the alternative design I have created:

MEMBERS

LINK

TESTIMONIALS

JOB INFORMATION

APPLY
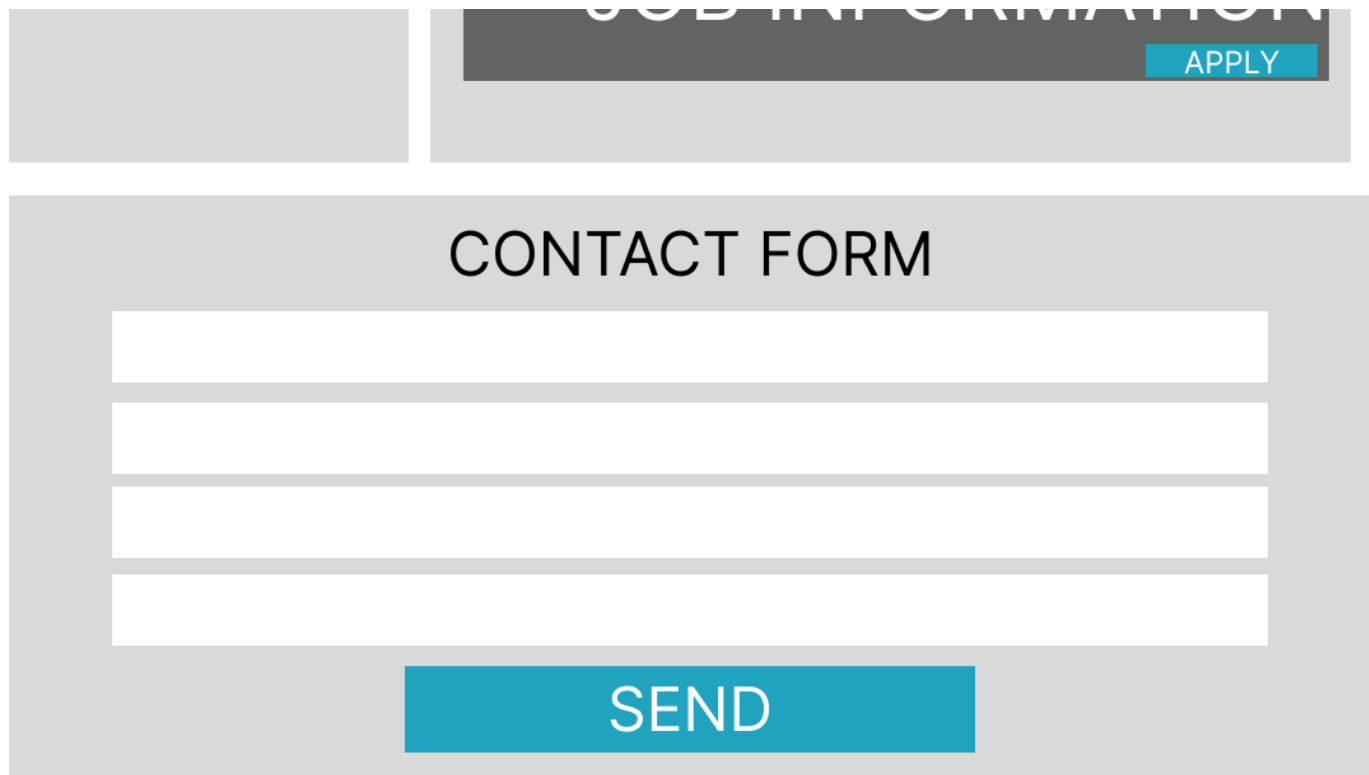
JOB INFORMATION

APPLY

JOB INFORMATION

APPLY

JOB INFORMATION

I was not provided with a logo so I have created one. Now I can use the logo to create a favicon and also use it in the website to show proffesionality and to make the website more appealing.

This is the logo I have created:

Technical documentation

For the technical documentation, I will include information such as, fonts, sizes of the fonts, colors, images, and other information that will help me to create the website.

Header and Colours
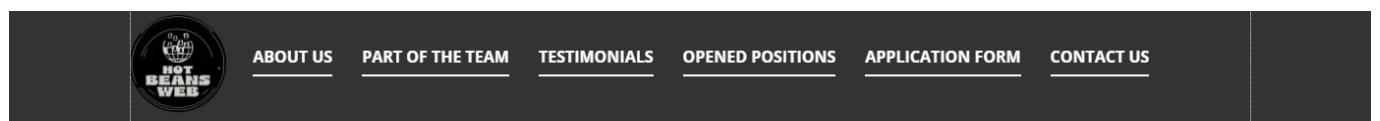
Fonts sizes, buttons, hyperlinks, input and list item designs

Footer

P3 Review the website design proposals with others to identify and inform improvements.

Feedback

Full name	Feedback
Saul	The Alternative design follows a confusing layout, with long columns that contain naivgation (probably better-off at the top of the page where it is more useful). The main design remedies this with a navigation bar at the top of the page which sticks to the top as you scroll. The layout is more intuitive with white space left and right of the main content which is displayed in seperate rows. Overall, the main design considers the requirements of a user in navigation and layout where the alternative design fails.

Full name	Feedback
Armandas	The Alternative design falls short in terms of user experience due to its confusing layout. The long columns housing the navigation elements make it difficult to navigate and find important information. In contrast, the main design showcases a superior approach by featuring a fixed navigation bar at the top of the page, allowing for effortless navigation as users scroll through the content. The main design's intuitive layout, with separate rows and ample white space on the sides, enhances readability and clarity. It considers the requirements of users in terms of navigation and layout, making it more user-friendly and efficient. Overall, while the alternative design struggles with its confusing structure, the main design excels in providing a seamless and user-oriented experience.

Feedback evaluation

I have received feedback from two of my peers. They both agree that the alternative design is confusing and hard to navigate. They both agree that the main design is better and more user friendly.

P4 Produce a website for an intended audience and purpose.

The website

Development process

Before doing anything, I have installed all the software I need to develop the webiste so it can have appealing look. I have downloaded Visual Studio code and PhotoShop for editing any images.

I have created the folder structure for the website (Img, Web, Docs) so it can be easy accessible and navigatable by any other people that will work on the website.

I have used HTML, CSS, JS to create the website. I have used HTML to create the structure of the website, CSS to style the website and JS to make the website interactive.

In this way I have followed the best practice of clean, readible and maintainable code.

Structure and Navigation

- Structure - The structure of the website will be 1 page. The user will have all the needed information in one page where it can be scrolled all the way down.

- Navigation - The navigation will be easy to use, I have included a navigation bar at the top (ABOUT US, PART OF THE TEAM, TESTIMONIALS, OPENED POSITIONS, APPLICATION FORM, CONTACT US).

  Each of the navigation bar will be highlighted when the user is on that section of the website. This will imporve the navigation and will prevent the user from getting lost in the website.
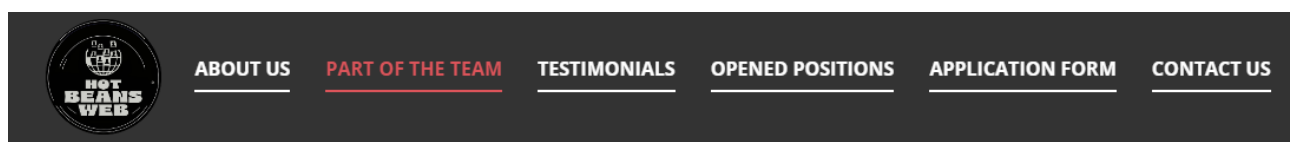
I have also included a back to top button so the user can easily go back to the top of the page. This will improve the user experience and will make the website more user friendly.

Content creation

Pictures

I have used Pexels to download the images I need for the website. I have used this website because it provides free images and it is easy to use.

Text

I have typed the text myself while using Grammarly to check for any spelling mistakes and to make sure the text is easy to read and understand.

Video

I have used Youtube to download the video I need for the website. I have used this website because it provides free videos and it is easy to use.

Application Form

I have created an application form which is functional and it can be sent to the email that the developer wants to go

Profile of existing employees

One of the organisation's requirements was profiles of existing trainee web developers. I have cerated a section which shows 3 existing employees, with a short message from them.

Link for courses

Another requirement was to add links to development courses. I have added a section which shows 3 links to courses.

Responsive Design

The design I have created is indeed responsive. It is easy to be used by computer, tablet and mobile(Any oriantation).

P5 Test the website for functionality, compatibility, and usability.

Test plan

Date	Test name	Objective	Test Scenarios	[P]assed or [F]ailed
17/05/2023	Functionality	To verify that all interactive features and forms on the website are functioning correctly.	Test form submissions, test interactive features such as buttons and dropdown menus, test navigation, test background video.	P

Date	Test name	Objective	Test Scenarios	[P]assed or [F]ailed
17/05/2023	Compatibility	To verify that the website displays correctly and functions properly across different browsers and devices.	Test on different web browsers, test on different devices, test different operating systems, test responsiveness	P
17/05/2023	Usability	To evaluate the website's ease of use and user experience.	Assess the clarity and readability of the website's content, evaluate the ease of navigation	P

User feedback

Date	Name	Feedback
17/05/2023	Saul	The website is easy to navigate and the content is clear and concise. The application form is functional and the website is responsive. The website is compatible with different browsers and devices. Overall, the website is user-friendly and efficient.
17/05/2023	Armandas	The website is user-friendly, and I was able to navigate through different sections effortlessly. The online application form was straightforward to fill out, and I appreciated the clear instructions and validation prompts. The website's design is visually appealing, and the content is well-organized, making it easy to find the information I needed. Overall, Hot Beans Web has done an excellent job in creating a website that works seamlessly and provides a great user experience.

P6 Review the extent to which the website meets client requirements.

The client's requirements:

1. Profile of the company itself:

   o The website is well-developed company profile section which provides comprehensive information about Hot Beans Web. The background, mission, values, and achievements of the

company are effectively showcased

2. Profiles of existing trainee web developers:

  ○ The website includes a section with the existing web developers and their profiles. The profiles are well-structured and provide relevant information about the developers' skills, qualifications, and experience. The profiles are visually appealing and easy to read, enhancing the user experience.

3. Job specifications and required qualifications:

  ○ The website includes a section with the job specifications and required qualifications for web developer positions. The information is clear and concise, and the section is visually appealing,

making it easy to read and understand.

4. An online application form:

   o The website successfully includes an online application form that enables prospective employees to apply for web developer positions directly through the website. The form is user-friendly, providing clear instructions and appropriate validation prompts.

5. Links to web development courses:

   o The website provides relevant links to web development courses and training programs. These links offer users the opportunity to enhance their skills and qualifications in web development,

aligning with the target audience's needs.

M2 Justify the design decisions, explaining how they will meet the user's needs and be fit for purpose.

User needs and fir for purpose

User needs

The website effectively addresses the user needs. If the users are looking for job opportunities as web developers by providing detailed job specification, they can easily find it in the website. The profiles of existing trainee web developers shows the skills, contributions and experiences in the company. This is important information for the potential candidates because it will give them a first look of the work even before they start.

- Information about the company - The user can learn more about Hot Bean Web
- Access to job opportunities and qualification requirements - The user has access to job opportunities and qualification requirements
- Easy application process - The user can apply for a job easily.

Fit for purpose

The website is made to attract and engage potential candidates for web developer positions. It provides comprehensive information about the company, job opportunities, and qualification requirements. It also includes an online application form that enables users to apply for a job directly through the website.
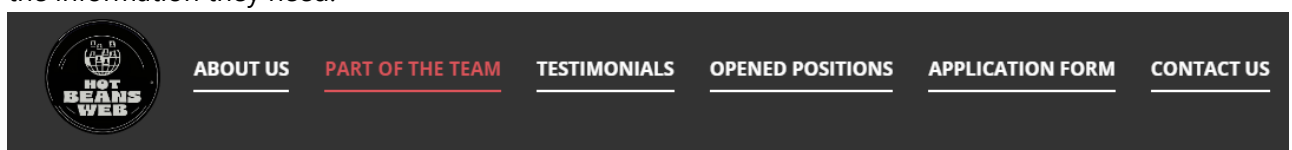
Design decisions

1. Clear and easy to understand navigation - The user can easily navigate through the website and find the information they need.

2. Clear and concise content - The content is clear and concise, making it easy to read and understand.

3. Visually appealing design - The website's design is visually appealing, enhancing the user experience.

4. One page website - The website is one page, making it easy to navigate and find the information the user needs.

5. Responsive design - The website is responsive, making it accessible on different devices and screen sizes.

6. Appealing design - A visually appealing design enhances the user's perception of the company and encourages engagement. By following the branding guidelines, the website establishes brand consistency, which fosters trust and recognition among potential candidates. It ensures that the design elements, such as color scheme, typography, and imagery, convey a cohesive brand identity throughout the website.

M3 Optimise a website to meet client requirements.

Optimisation feedback:

Date	Name	Feedback
17/05/2023	Armandas	I think on the about us section, the design for the slideshow is not interesting and appealing, try adding another design.
17/05/2023	Saul	The job listing is not appealing, try adding another design.

Implement optimizations

I have implemented only one of the two feedback suggestions. I have changed the design of the about us section, because I agreed that the design of the slider did not look apealing. I have not made big difference on the design, just a small touch up.

Before

After

D2 Evaluate the design and optimised website against client requirements.

Comprehensive evaluation

The design of the website has been created carefully to meet the client's requirements. The website includes all the information the client requested, such as a company profile, job specifications, and an online application form. The website's design is visually appealing and user-friendly, enhancing the user experience. The website is responsive, making it accessible on different devices and screen sizes. Overall, the website successfully meets the client's requirements and provides a seamless user experience.

The color scheme, typography and imagery are consistent throughout the website, creating a cohesive brand identity. The website's design is visually appealing and user-friendly, enhancing the user experience. The presentation enhances the user's understanding of the company's idea and gaols and creates a positive perception of the company. The website is responsive, making it accessible on different devices and screen sizes. Overall, the website successfully meets the client's requirements and provides a seamless user experience.

Functionality and features

The website is successfully functional and includes all the features the client requested. The navigation is clear and easy to use, and the content is clear and concise. The website includes an online application form that enables users to apply for a job directly through the website. The website is responsive, making it accessible on different devices.

The job listing is highly informative, it provides all the information someone might be interested in. The website is straight to the point because this is what the users need, if they dont have easy and quick access to the information they need, they will leave the website.

Optimizations

During the process of optimisation which I have showed above, I have gathered and analyzed any places of potential imporvement. As I am the developer, it will be difficult for me to spot the potential places for

improvement, this is why I have asked my pears to write me some feedback so I can spot places for improvement.

The proccess of improvement was simple, my pears have not pointed a potential imporvement that will be complex to do.

Conclusion

In conclusion, the design and optimized website for Hot Beans Web have been successful in meeting the client's requirements. The design aligns with the client's branding guidelines and effectively communicates the desired message. The functionality and features meet the needs of potential candidates, facilitating the application process and providing valuable information. The optimizations have further enhanced the website's performance and addressed identified issues. The chosen design and optimizations have proven to be a successful solution that meets the client's requirements, engages the target audience, and provides a positive user experience.

Unit 15 - Website Development - Assignment 2 - Viktor Salihu