The "Pitch"

Complete all the sections below (max 200 words per box). You will need to submit a completed, PDF or MS Word version of this document to NESS by: 16:00 on Friday 20th April 2018.

See the full assignment specification for further details.

Which specific topic area(s) from CSC1026 do you intend to cover on your site?

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| In terms of Specific topics, the first language will be HTML5 that covers introduction, history, uses and topics to learn to get started. with topics like tags, attributes, lists ( ordered and unordered), , links, tables ( tags and layouts), structural grouping, special characters, finally standards and validations (WC3), images and multimedia ( adding images, file attributes and types, GIF, JPEG, PNG and other type of media objects.  In terms of CSS, I will be covering introduction, history, uses and topics to learn to get started. Topics will include basic style sheet syntax, CSS selectors, CSS units, CSS colours, , CSS box model, border, padding, Margin, Shorthand declaration, Width & Height, background, background images, Display & Visibility, Floats, Columns, Absolute Fixed, Positioned positions and Stacking order,  Furthermore, in terms of JavaScript, I will be covering introduction, history, uses and topics to learn to get started. Topics will include Data Types, Variables and Operators, Arrays , Loops, Conditional Statement, Functions, Booleans, breaks, errors, Debugging , Regular, Meta Characters, Quantifiers, Anchors and Flags, String Methods, Testing tools and Practical Scripting.  Finally, I will also be doing extra bit of information such as Frameworks that are compatible with the 3 languages like Bootstrap, jQuery and modernizer. I will also be doing a “Helpful Site” where users can pick out websites to learn further more such certain topics in detail, Colour & Icon Picker sites for designing their site. |

How will the content be organised and presented? Include an indication of the relative breadth and depth of content users will find on your site.

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| Following are the description of how content will be organised and presented in the site:  **Texts**  Texts will be Arial and font size 10 expect for headings and subheadings.  **Navigation Bar**  Menu Bar is short and easy to use with 3 links i.e. Home, Helpful Sites & Get started. **Home** will have Introduction and a “Start” button. **Get started** will have sub headings of 3 different language i.e. HTML5, CSS & JavaScript. **Helpful Sites** will have links of sites that will enhance user’s further understanding of the language.  **Footer**  Includes Copyright notice with Social Media Plugins for website’s interactive purposes.  **Multimedia**  Multimedia will include royalty free images and links to help users.  **Contents within languages**  Contents within languages will be presented in a different page each one with different header with the side menu at the left that will be linked to different contents within the language for usability purposes. Most of the contents will be interactive with interactive buttons and learn more links for further understanding. |

Describe up to 3 specific technical features you intend to include in your final web site. Include details of the technologies you will use to implement them.

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| Firstly, I will be including a interactive quiz after teaching user a certain topic so that way they can test themselves what they have learnt and improve from the wrong answers they get, I will be using JavaScript to make this happen.  Secondly, I will be using interactive real time styling of element using a button so users can get engages to show before and after version of topics. This includes plugin I will be using where user can type and see for themselves what they have learnt. Furthermore, some buttons will be interactive as well with a pop up message to engage user and further their understanding of the language.  Finally, I will have a social media plugins as part of “ Learn more” to get connected with the user who created the website for any questions and queries such as frameworks and browser support. This engages user making the website more interactive. |

How will the technical feature(s) above enhance the user's experience of the site and/or the use of the content?

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| Quizzes in the site test your knowledge of a certain topic and this makes learning as part of the game rather than the dull way of absorbing information. Quizzes will include interactive button with messages like “ well done” or “ try again” to make it more engaging.  The interactive real time styling of contents that I will be teaching within languages like HTML will help them understand a piece of code where they can implement themselves. This will engage the user and will obviously would want to learn more content. This will help them a lot since they know what is happening with the code. There will also be a interactive button after each stage of learning making them feel more comfortable and interactive.  Social Media will be helpful in terms of staying connected with the more content or any questions or suggestions as well. This will help me grow a fan base. Also the learn more links will also help as they will have links to framework where they can copy and paste simple things like Navbar that takes a very long time to do on its own. This will be usually for the advanced users that are wanting to know certain topics in more detail than what I have listed in the site. |

How will your overall approach benefit the target audience?

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| By making the contents easy, interactive as well as short , it engages user. Every page is focused on learning with Home Page and having this clear learning layout is helpful and with a systematic approach of learning HTML and then CSS and then JavaScript means users can do each language step by step and progressively move onto the harder stuff.  Having Quizzes after end of an content will help further understanding of the content and with plugins that can see real time changing effects like before and after when a certain code is inserted from the topics will help them see what they are learning bout and interact with the code to understand what each bit does. This again, helps with readability , usability and enhances the experience of learning.  Overall, most users that will browse my sites are the ones that want to know how to create sites and since they are absolute beginners most of the time , taking them through step by step with interactive content benefits my target audience who are beginners. |