Pair Project: Delivery Friday am Week 5.

You are now working in pairs.

You are tasked with producing a 'front end only' demonstration of an educational website that helps new developers learn one of, or any combination of: Python, HTML, CSS and Java script.

The main point / content of your site is to present tutorials and cheat sheets on your given subject.

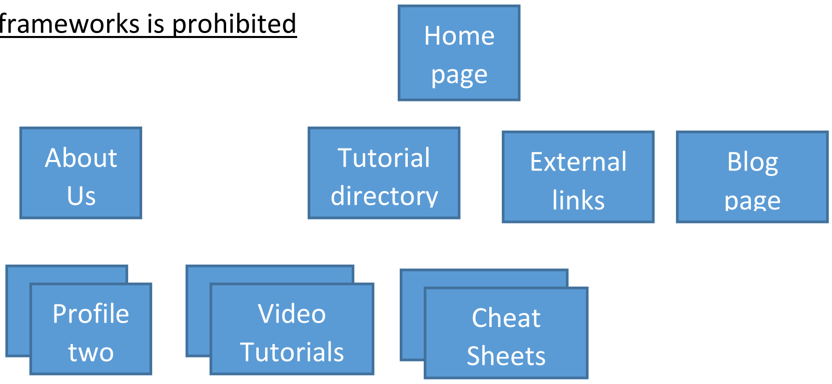
The task is to build a website, using HTML, CSS, and Java Script. The task will be assessed on your use of these languages, you may use JQuery (we will cover it later).

You already have code from your individual project, in your pairs, try to reuse as much of this work as possible. You must set up a single project in one of your GitLab accounts and both commit and push to that project, your presentation will include a quick review of who undertook which task, showing the commits on the git log.

The use of bootstrap or similar frontend frameworks is prohibited

Minimal site pages:

Home page.
About Us page.
Profile pages x2.
Content directory.
Video tutorials (at least one).
Learning resources- (from SDS1) x 2
Pair Learning resource - (from SDS1)
Page of external resource Links (from SDS1)
Blog page.



Example map of site.

Minimal site functionality:

A contact form. This could be on the About us page. JS Validation checks on the contact form will ensure there are no digits in names and no non digits in telephone numbers etc.

On the resources pages, there will be a facility to enter comments on the resources. Using JS update the DOM to provide comments on the page. This will **NOT** need to be persistent.

The Blog page will have hard coded articles about how you are progressing with the site. At least one article will be added (and committed) by each developer, as evidenced by the git commit history.

Deliverables:

Pre-presentation:

- Link to GitLab project.

Presentation, to include:

- demonstration of website,
- two parts of the code. (one each)
- git history.

Pair Project Assessment Sheet.

Instructions.

There will be 4 groups of approximately 16 students – max 8 pairs. Each pair, will present for 15 min inc. 4 min for Q&A. The recommended format will be:

- 4 min how the site works, (showing functional features – show and tell style),
- 3 min each on one piece of code they choose. Justifying why done like that. (showing snippet),
- 1 min review of who did what with ref to the git commit log.
- Additional 4 min for Questions (while next team gets ready - quietly).

To be completed during Presentation.

Name: Student No: .

Name: Student No: .

Name: Student No: .

Criteria	Max mark	Self assigned mark	Staff Mark
Content (10)			
Home page.	1		Overall content scaling factor. 0 - 1 Factor * content total
About Us page.	1		
Profile pages x2.	1		
Content directory.	1		
Video tutorials (at least one).	1		
Learning resources- (from SDS1) x 2	2		
Pair Learning resource - (from SDS1)	1		
Page of external resource Links (from SDS1)	1		
Blog page.	1		
Functionality (15)			
Validation on Forms.	5		
Non persistent comments submitable on resources (Form + JS manipulation of DOM)	5		
Blog page added to by both parties (in the Git log.)	5		
Technical (25)			
The code presented	5		
Code in Git hub	10		
The use of Git	5		
Style of presentation	5		
TOTAL	50		

Criteria

15 min presentation inc. 4 min for Q & A Students MUST be prepared to show code that performs requested functionality during questioning.

Assessment Criteria	Poor (<40%)	Tolerable (40% - 49%)	Good (50% – 69%)	Excellent (>69%)
Content	Poor, no consistent look at all.	Looks good reasonably thought through, acceptably consistent look and feel throughout.	Looks good, well thought through, links working, consistent look and feel through out.	Looks and feels professional.
Code presented	Code was simple, poor quality with no justification for its methodology	Code works and is nicely written, presentation shows some understanding for why this method was used.	Code is good, performs more than the basic specifications, and the presentation shows understanding and a justification for why this method is used.	Code exceeds the specification, and is presented to show understanding and justification of why this method was chosen rather than another specified method.
Code in Git hub (Assessed via functionality presented at the the demonstration and brief look through code during presentation with questions allowed at end of presentation)	Code is simple and of poor quality. Poorly tagged HTML, over use of IDs, minimal CSS, little if any functional JS.	Code works and is nicely written. Well formed HTML, CSS using classes and IDs well, signs of advanced features (e.g. pseudo classes, @media) Use of JS event handlers	Code is good and is easy to follow. Liberal use of advanced features (e.g. pseudo classes, @media). Use of JS event handlers and DOM manipulation, showing the use of the this keyword when appropriate.	Code exceeds the specification, is simple to follow yet is adventurous in its aims. Code includes advanced and untaught functionality, without the excessive use of libraries.
Use of Git	No use. Full project not in Git Lab.	Minimal commits. Code shows	Reasonable no. of commits, useful commit messages, evidence of merges	Good use of Git showing Local commits, pushes to remote potential merge conflicts. Good commit messages.