Jason Cripps

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GitHub URL: <https://github.com/JasonCripps/csy1018-assign1>

GitHub Live URL: <https://jasoncripps.github.io/csy1018-assign1/>

Assignment 1: Web Development

Submission Date: 15/01/2017

# Change log

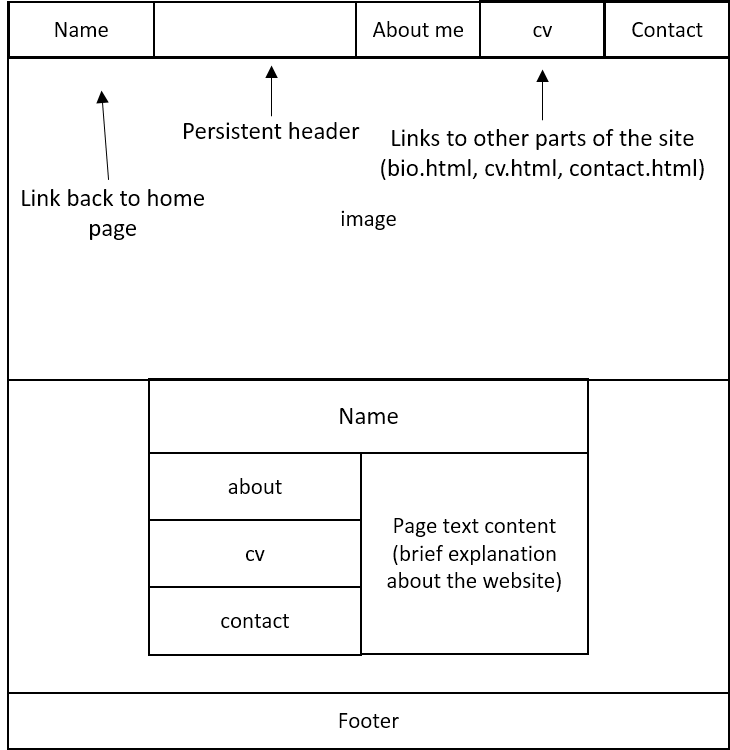
|  |  |  |
| --- | --- | --- |
| Date | Details | Approx. time to complete |
| 06/01/2017 | Created folders, structure as specified in assignment brief | 0:15 |
|  | Created empty files: index.html, cv.html, contact.html and bio.html in root of ‘htdocs’ folder | 0:15 |
| 15/01/2017 | Added designs for each of the html pages | 0:45 |
|  | Added basic setup of the index.html | 0:20 |
|  | Basic setup of bio.html, cv.html & contact.html | 0:10 |
|  | Improved layout of html files | 2:00 |
|  | Added content to CV page | 0:45 |
|  | Added content to index page | 0:45 |
|  | Added functionality to links index.html and nav bar | 0:30 |
|  | Added contact form | 0:30 |
|  | Created and added a simple pattern to be displayed as an image on each page | 0:15 |
|  | Use optimizilla.com to compress and optimise the images for web | 0:10 |
|  | Added footer with example content / links | 0:45 |
|  | Added media queries | 0:30 |
|  | Fixes for html validation errors (changes to code structure) | 0:30 |
|  | Added more comments, made code a little neater | 0:30 |
|  | Added multiple columns to CV layout | 0:15 |

Total approx. time to complete code: 9hrs

# Designs

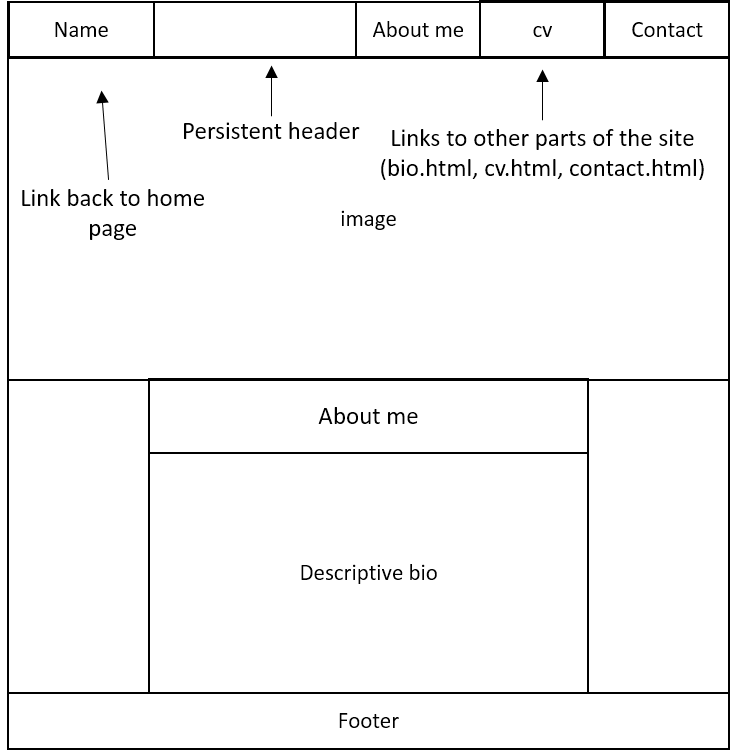
## Index

The design for the ‘index.html’ page



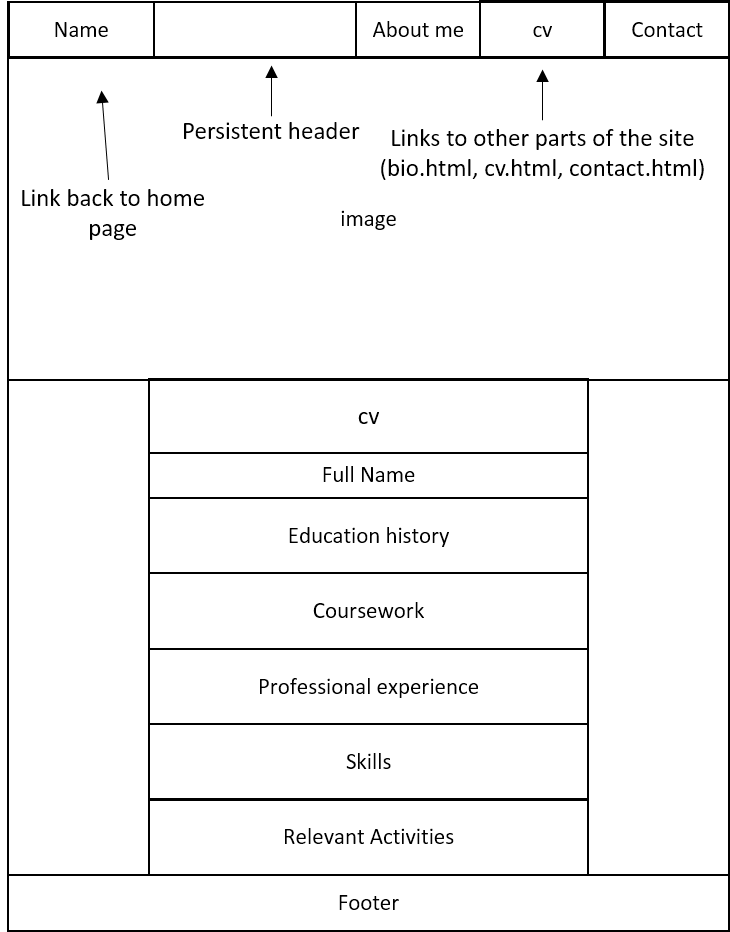
## Bio

The design for the ‘bio.html’ page



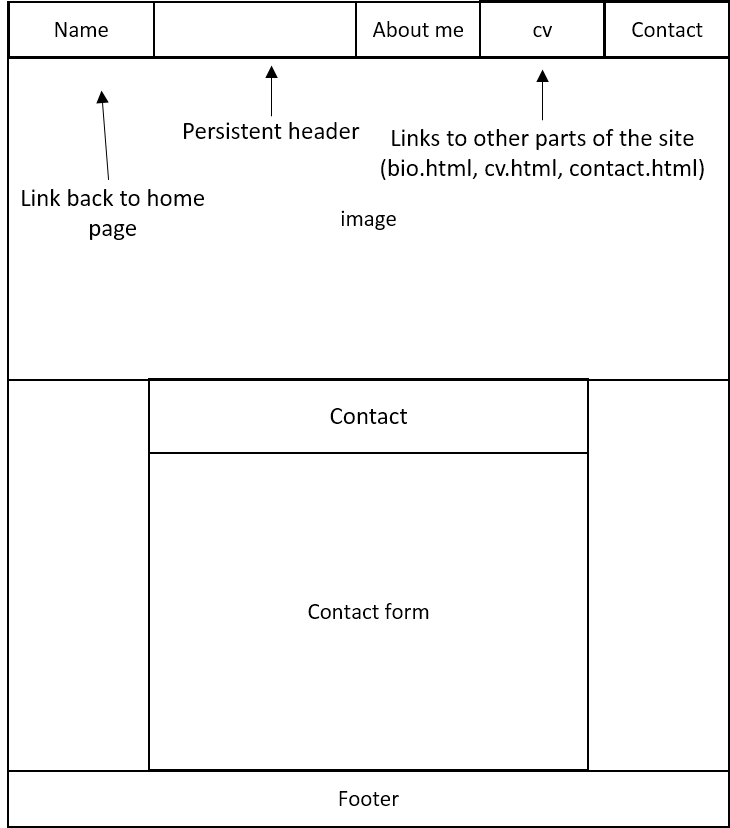
## CV

The design for the ‘cv.html’ page



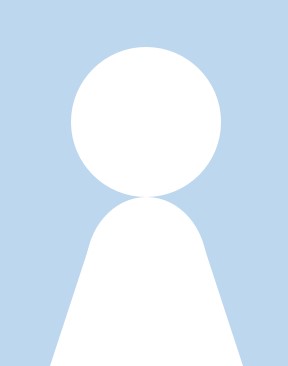
## Contact

The design for the ‘contact.html’ page



## Images

Images used for the website, custom made so copyright free:



## Design style

The design is influenced by Google material design. The colours use values listed on the Google material design style guideline website for the material design colour palette.

# Validation

The html files required some fixes to be applied to the code in relation to the structure of the tags. The solution was found with the aid of the StackOverflow forum post reply by Jukka K. Korpela in the ‘“Stray start tag footer” in html validator’ topic. Jukka K Korpela (2013).

After applying these fixes all four of the html files completed the validation test on the ‘Nu Html Checker’ website (<https://validator.w3.org/nu/>) without any errors or warnings.

The css files were also check using the CSS Validation Service website (<https://jigsaw.w3.org/css-validator/> ), which also did not return any errors.

# References

W3Schools (2017) *HTML Head* [online]. Available from <http://www.w3schools.com/html/html_head.asp> [Accessed 15 January 2017]

Chris Coyier (2016) *A complete guide to flexbox* [online]. Available from <https://css-tricks.com/snippets/css/a-guide-to-flexbox/> [Accessed 15 January 2017]

Ben (2010) *A href link for entire div in HTML/CSS* [online]. Available from <http://stackoverflow.com/questions/4465923/a-href-link-for-entire-div-in-html-css> [Accessed 15 January 2017]

Frxstrem (2012) *Remove ALL styling / formatting from hyperlinks* [online]. Available from <http://stackoverflow.com/questions/8919682/remove-all-styling-formatting-from-hyperlinks> [Accessed 15 January 2017]

Alvaro Gonzales (2011) *Links not going back a directory?* [Online] Available from <http://stackoverflow.com/questions/4862231/links-not-going-back-a-directory> [Accessed January 15 2017]

W3Schools (2017) *HTML Forms* [online]. Available from <http://www.w3schools.com/html/html_forms.asp> [Accessed 15 January 2017]

Optimizilla (2016) *Optimizilla* [online]. Available from <http://optimizilla.com/> [Accessed 15 January 2017]

W3Schools (2017) *CSS3 @media Rule* [online]. Available from <http://www.w3schools.com/cssref/css3_pr_mediaquery.asp> [Accessed 15 January 2017]

Google (2017) *Style Color* [online]. Available from <https://material.io/guidelines/style/color.html#> [Accessed 15 January 2017]

Jukka K. Korpela (2013) “Stray start tag footer” in html validator [online]. Available from <http://stackoverflow.com/questions/18939685/stray-start-tag-footer-in-html-validator> [Accessed 15 January 2017]

Nu Html Checker (2017) Nu Html Checker[online]. Available from <https://validator.w3.org/nu/> [Accessed 15 January 2017]

The W3C CSS Validation Service (2014) The W3C CSS Validation Service [online]. Available from <https://jigsaw.w3.org/css-validator/validator> [Accessed 15 January 2017]