# A live website optimised for mobile phones

For this second assignment I recreated the single page profile website to now become an optimised website for those using mobile phone devices and for those with visual impairments. The research I completed, design plan and features I implemented can be found within this document.

My live and deployed website can be found ***here***

## Task 1 – User Requirement Review

I started this task by completing a review of brief from assignment one where I created the full one-page site with the key information required.

However, with this second assignment several changes needed to be made to reflect the new requirements. The following changes have been made for the right information to be displayed in a structured manner:

* *Navigable* on both desktop/laptop and on mobile devices
* Focus on Colin’s skills and experience – all or his employability
  + For example, show off his historical knowledge and familiarity with technology. Especially niche/novel technology as he works on developing for the ZX Spectrum 

### Site map

Specifying how information across the site will be structured, what they will be used for and what they are named

### SITE MAP

### USER PERSONAS - just need to upload this

### PROTOTYPE SITE

## Task 2 – Responsive web design

### Design theme

I have already outlined, in the previous task, the content which will feature in the sections themselves.

Overall the key thing is ***navigability*** and **accessibility**, So I have considered the following aspects for the wireframe prototype shown on the previous page.

#### For navigability

* Reactive design – as page size changes, switch to mobile design
* Varying menus, for mobile devices the screen is both smaller and uses touch interaction – the menus must change to be more reactive

#### For accessibility

* Keeping accessibility in mind – following Web Content Accessibility Guidelines as discussed in lectures
* Aiming for a WCAG Level AA, if my site was to be evaluated by them. Some features that would be beneficial for this include
  1. alt-text for non-text items

All these design considerations were drawn up by using the WCAG 2.0 checklist!

* 1. Logical structure and sequence
  2. Potential keyboard accessibility
  3. Skip to content links
  4. Clear and purposeful links
  5. Website has language assigned – thus helping text to speech tools
* Make sure text scales properly for different zoom and default font sizes
* Ensure I don’t fall for the common fails in web accessibility. Those being
  1. Bad or missing alt-text for non-text items
  2. Poor contrast
  3. Users being unable to gather information required

### Responsive Inspiration

### Storyboard – page mock up

With design choices

## Task 3 – CSS-based website

REMEMBER COPYWRITE

Design should contain images with alt, width and height tags declared

###### Preview:

Desktop

Mobile

responsive

Secondary pages, less info

Cut info

Enlarged elements

Compressed jpgs vs gifs & and right file formats

Avoided frames and tables and non-standard fonts & absolute positioning

## Task 4 – Deployment of the website

The website is deployed to the server following the instructions set out in the lab.

**My live and deployed website can be found *here***

If I have time move some code over to php and use include tags

## Task 5 Evaluation and Review

### TEST FOR FIREFOX

### Evaluation

Test results

Improvements

The following changes are those which I could make to to fix the issues highlighted by testing. I have ordered this list based on priority of completion, where the top tasks are those I would complete first.

Font size

