Accessible / Content First / Responsive  
Front-End Web Development Project  
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- Fluid grid - Flexible images - Media queries

**Subject:**  
TRYSTERO DELIVERY COMPANY (minimum 4 pages/sections).

**Submission Date:** Friday 8th December 2017.

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The build of the site will call for a 2/3/4 column layout. You are to implement this with CSS grid, and flexbox where necessary.

The site will ultimately reside on Github. This should be as a result of a PUSH from your local git repo.Therefore; you may want to create a local git repo from the outset.

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The completed project should include / take account of

**Project Plan:  
*At the outset*** you will need to create a project plan identifying all stages of your project, along with an alotted amount of time for each task/stage (use GanttProject).

Sign off documents should be prepared for the site map, prototype and build stages.  
(https://www.smashingmagazine.com/2011/06/a-comprehensive-website-planning-guide/)

• Assessment Criteria for success of site / Goals

• Extreme user

• Accessibility (https://alistapart.com/article/planning-for-accessibility)

• UI/UX (https://alistapart.com/article/ux-for-lizard-brains)

• Validation

**Client Questionnaire:**subject matter for site, site goals, target audience, call to action, etc.

http://business.tutsplus.com/articles/how-to-extract-the-facts-with-a-web-design-client-questionnaire--fsw-1830

http://www.noupe.com/business-online/freelance/how-to-create-the-perfect-client-questionnaire.html

**Site Map:**Create a site map for your project

**Design Principles:**You will want to attend to design concerns from the outset but certain features belong to the Mockup phase.

***Logo:***While you will need a logo, logo design is not a priority with this project. You can use type to distinguish your logo, or modify a simple graphic in photoshop.

***Images:***All images used should be in .psd as well as optimized forms.  
You will be implementing responsive images, create 3 versions of each image to address resolution capabilities of display device. You will be using the **srcset** attribute at the coding stage but you may require the **<picture>** element if addressing art direction.

***CRAP:  
C***ontrast, ***R***epetition, ***A***lignment & ***P***roximity

***Visual Hierarchy:***Including call-to-action and blur test.

***Design Elements:***Line, Shape, Texture, Colour, Value, Size, Space

***Typography:***  
You should use 2 fonts throughout the site but take account of size, kerning, tracking, line height, caps and spacing.

**Wireframes:**Low fidelity sketched versions of the site layout with a focus on Content First (\*progressive enhancement)

Include paper cut-out versions of you proposals at this stage. Attach to cardboard backing for mobile and tablet depictions.

**Behaviour (JavaScript, Jquery):**Decide where it would be appropriate to include JavaScript event listeners or AJAX functionality.

**Prototype:**A medium fidelity, grid based (12 column) version of the sites homepage. The emphasis here is on a working version of the wireframe; it is not necessary or desirable to include typography or colours.

**Mock-up:**A photoshop example of the site, showing at least one, but ideally all 3, of the following states: desktop, tablet and mobile.

These will take account of typography and colour schemes.

**Build:**Preferably you will code the site yourself, but if you want to use this as a chance to get more familiar with Zurb Foundation, feel free to expand your prototype into a working site. Please note, you want to be able to display the prototype as well as the complete site, so consider creating a separate HTML file for each unless simply disabling the CSS is sufficient.

If creating your own CSS file, Sass is optional, though recommended.

• Reset or Normalize stylesheet

• Modify **box-sizing** property

• Build the site using CSS grid and flexbox

**Testing:**You will need to test as you build. Testing should occur in different browsers, on both PC and Mac and on different devices.

You should get at least 2 other people to provide user feedback on you site. This should occur at the protoype stage and the completed stage.  
(https://alistapart.com/article/feedback-that-gives-focus)

**Upload:**On completion upload your site to your test location or your own hosting server. As well as accessing the hosting control panel via your computer here, use an FTP client.

Your site also needs to be uploaded to GitHub and configured to be accessible as both a repo and a website.

**Additional:**

Determine what domain name would be suitable and available.