MHR Technical Test

Instructions

Please read these instructions in full before starting to complete the test, please refer to Design.pdf.

Build a static HTML page

- image assets have been provided
- design is shown on Page 1
- font and colour specifications have been provided on Page 6

Add functionality to the rate buttons on the left

- Clicking the thumb up image increments the associated counter
- Clicking the thumbs down image decrements the associated counter
- The minimum value should be 0
- The maximum value should be 10

Add functionality to allow comments to be added.

- Clicking on "Comment" opens a modal containing a form (Page 2)
- The text area has a counter to show how many characters have been entered
    - an error should be shown if the user enters more than 500 characters (page 3)
- The form should not submit if there are any errors
- On submitting a comment, the modal will close and the comment will be shown   below the corresponding article (Page 5)
- Multiple comments can be added
    - Comments should be ordered with the most recent at the top (Page 5)
- Comments can be deleted and edited (Page 5)
    - when clicking edit the modal form should be opened with the fields pre-populated. When saving the comment should update and remain in the same position order.

Requirements

- Code should be production quality
    - CSS
        - Hand crafted CSS, do not use a library such as Bootstrap
        - SASS / LESS are encouraged, but not essential
    - JavaScript
        - You can use a library (jQuery) or framework(AngularJS/Angular), or native JavaScript.
        - The modal should be hand coded, not a library component (e.g.   jQuery UI)

- The page should be accessible
- The page should be responsive - we have not provided a mobile design, use your own initiative
- In general, all code should be hand crafted, if code generators are used we can't asses your technical ability.

FAQ

How should I submit the test?

You can email a .zip file, but these sometimes don't get through, the most reliable way of submitting is using Github, Dropbox or file sharing sites, and send a link to tim.odell@mhr.co.uk

Am I able to follow my usual BDD approach or shall I just write the code without any tests?

We are happy for you to include tests as part of your solution

Can I use Gulp to build the site (compiling LESS files etc.)?

This is fine, but please provide both the source and compiled build files

What level of browser support should the test provide?

We have a very progressive browser support policy, so being reflective of that, please ensure that the test supports Chrome plus one of IE11 / Edge / Safari, depending on your access to these.

Can I use ES6 Complied with Babel or should I just use ES5?

The use of Babel, TypeScript, etc. is allowed, but please submit both the source and compiled code.