

Overview



Josh Thomas' Token management agency (ie **the client**) has asked you to redevelop Josh Thomas' website which can be found here:

<http://www.joshthomas.com.au/>

... although you may find this web page more informative:

<http://token.com.au/joshthomas>

The client would like to have 3 pages initially:

1. **A home page (index.php):** A landing page that is engaging and attractive enough to capture the customer's interest and keep them on the website.
2. **A commercial contact page (contact.php)** that is largely based on this page: http://token.com.au/booking?comedian=josh_thomas that uses a form to collect the details of prospective customers that wish to hire Josh Thomas.
3. **A retail shop page (shop.php)** that sells BluRay and DVD versions of Please Like Me seasons 1-3.



More details about each page can be found later on in this document.

Submission Instructions

Students may work alone or in pairs this assignment. We recommend pairing with someone with complementary skills (eg programmer + designer).

You may find that collaborating on cloud9 (<https://c9.io>) helpful when working in groups and justifying any work imbalances later on.

Students using coreteaching servers must make the homepage available from this url:

titan.csit.rmit.edu.au/~s1234567/wp/a2 where *s1234567* is your student id.

The group leader should host the assignment and the partner should provide a link to the group leader's hosted assignment.

An official submission must be made at the start of week 8 by the group leader via **Blackboard**:
Monday 12th September 2016, 4am.

Files must be **zipped into one file**. These files will be used for plagiarism testing and as a reference should problems arise.

Requirements

1. Website Structure

The client would like all 3 pages to be constructed with SEO friendly HTML5 semantic elements and with a uniform structure across all pages:

1. **Masthead area <header>**
Contains a logo and a business name, a chance to use your photoshopping skills
2. **Navigation area <nav>**
Styled "button-like" hyperlinks to other pages within the website
(http://www.w3schools.com/css/css_link.asp may come in handy)
3. **Content area <main>**
More details in next sections, but essentially "all the page details/content" go here.
4. **Footer <footer>**
Client copyright notice, social media links (Twitter, Facebook and YouTube links).

2. Homepage content

A landing page should be engaging and attractive enough to capture the customer's interest and keep them on the website.

This page must contain a mix of images & text, and should explain who Josh is and what he does in the field of stand-up comedy and television.

The homepage must inform users that season 4 of Please Like Me will be screening on the ABC later in the year and that previous seasons of Please Like Me are on sale in the online shop.

3. Contact Page and Form

This page should have all the fields and labels that the existing token agency form has:

http://token.com.au/booking?comedian=josh_thomas

All form fields and labels should be the same width and line up neatly (ie no raggedy edges).

Many form fields should be upgraded to the new HTML5 input elements such as phone, email and date fields. Fields should use:

- the **required** attribute where input is required,
- the **placeholder** attribute to put in an example of correct input (**update: not date or time**),
- the **pattern** attribute validate user input, ie to filter out unsuitable characters.

The client would like to have a date flexibility slider input field with three steps (eg inflexible, flexible, super-flexible) close to the date and time field to indicate how flexible the requested appearance date is, should Josh Thomas not be available on the selected date. [Click here to see an example](#).

4. Online Shop and Form

All three previous seasons of "Please Like Me" should be available for purchase in DVD or BluRay boxsets.

Each Please Like Me season should be in it's own distinct area (such as a styled **<div>**) and customers should be able to purchase between 0 and 5 box sets of each season at a time (ie no fractions, no negative quantities). Quantity inputs should take the following format:

name='plm[s{S}]' **value = '{Q}'** where **{S}** is the season number and **{Q}** is the quantity, eg
<input name='plm[s1]' value='0' ... /> OR
<select name='plm[s3] '> ... <option value='3'>3</option> ... </select>

A short summary on each season should be visible at all times with an expanding area (eg a **<details>** element) to show and hide a longer description of the season.

Links to online shops such as iTunes and Google Play should also be present for customers who have moved on from purchasing physical media.

5. Forms Testing Script:

Both pages above should use the post method and submit to the testing script below. This script will help you evaluate your progress and your marker when marking. **(NB: Please use https:// protocol)**

`<form ... action="/~e54061/wp/processing.php" ... >`

6. Colour, Layout and Style (CSS and Design Component)

All CSS (... ie at least 99%) must be in shared external stylesheet(s) and there should be no HTML4 styling attributes (ie no **<center>** tags or **align='...'** attributes etc).

There must be a uniform look and feel across all pages, but small / reasonable differences are acceptable. Try to follow Robin Williams C.R.A.P design principles:

<http://www.slideshare.net/FrederickEdwards1/introducing-the-crap-design-principles>

Pages must make extensive use of CSS to attract marks, and ensure an attractive color scheme that is good for those with vision difficulties. A contrast calculator can be found here:

<http://leaverou.github.io/contrast-ratio/>

Pages must also have a neatly spaced layout with good use of **padding** and **margin** (ie not too much or not too little spacing between elements).

Two web fonts (ie those imported from online sites such as google fonts or hosted on the server and sent to the client using the **@font-face** rule) should be used.

Your **<nav>** area must contain links that are styled to be 'button-like'. You must use a contextual selector, ie **nav a { ... }**, and they should visibly change state when the user interacts with the links. For full marks:

- Links must be "button like" in appearance.
- The pseudo states **:link** & **:visited** should share the same styles.
- The pseudo states **:hover** & **:active** should share the same styles.
- The **:link/:visited** styles should be visually different to the **:hover/:active** styles.

The main content on each page should adapt to fit a range of screens and should automatically center (see auto margin for more information). It should expand to no wider than 1600px and shrink to no less than 800px.

Marks Allocation

14 marks or 14% of your final grade

| | |
|---|-----------------------|
| <u>1. Website Structure</u> | <u>2 marks</u> |
| Copyright and social media links present in footer | 1 mark |
| Good use of images throughout site, especially on home page | 1 mark |
| <u>2. Homepage Content</u> | <u>1 marks</u> |
| Homepage content is comprehensive, is thought out, well written | 1 mark |
| <u>3. Contact Page and Form</u> | <u>2 marks</u> |
| All fields correct and present, fields & labels same size, line up neatly | 1 mark |
| Regex patterns or javascript used to correctly validate user input* | 1 mark |
| <u>4. Online Shop and Form</u> | <u>3 marks</u> |
| Links to electronic download versions (Google Play & iTunes) present | 1 mark |
| All 3 products are laid out logically and neatly with 'more details' area | 1 mark |
| Quantity fields only allow positive integers between 0 and 5 | 1 mark |
| <u>5. Form Testing Script</u> | <u>1 marks</u> |
| Both forms submits valid data to correct testing script using the post method | 1 mark |
| <u>6. Layout and Style</u> | <u>5 marks</u> |
| Uniform look and feel, all styling (ie 99% or more) is external CSS | 1 mark |
| No deprecated HTML4 style, tags or attributes | 1 mark |
| Colour scheme makes sense and is good for those with vision difficulties | 1 mark |
| Good use of padding and margin for text layout and spacing | 1 mark |
| Two or more web fonts are used (google fonts / @font-face rule) | 1 mark |

Total: 14 marks (or 14% of your final grade)

* This is an assignment 2 task, but the material required is not covered in tutes and labs until week 8. Students have the option of completing the task in week 8 demos or week 9 labs.

Update: An assignment checking script is available at this url:

<https://titan.csit.rmit.edu.au/~e54061/secure/curl.php>

This will alert you to any obvious issues with your assignment.