

Web20 Midterm Submission

Dream Team

URL

<https://TuftsMemeable.github.io>

All Source Code

<https://github.com/TuftsMemeable/TuftsMemeable.github.io>

What is TuftsMemeable?

TuftsMemeable is a service that allows members of the Tufts community to design and order their own customized apparel with Tufts memes. We sell t-shirts, sweatshirts and water bottles that can be imprinted with the Tufts memes. Our website is an integral part of our business. Without it, customers wouldn't be able to fully customize their own apparel.

Favorite Code Section

This section of code runs on the *design* page. When the user selects a different order type (t-shirt, sweatshirt, waterbottle), it automatically updates the background image that the meme lies on top of. It takes advantage of jQuery's 'change' event so that an image can be automatically updated when the user enters a file into the form.

```
$("#memeImage").change(function(e0) {  
  if (this.files && this.files[0]) {  
    var reader = new FileReader();  
    reader.onload = function(e1) {  
      var image = new Image();  
      image.src = e1.target.result;  
      image.onload = function() {  
        if (this.width != this.height) {  
          alert("Image must be a square.");  
          $("#memeImage").val("");  
          return;  
        }  
        $("#innerMemeImage").css("opacity", "100%");  
        $("#innerMemeImage").attr("src", e.target.result);  
        memeImagePath = e0.target.files[0].name;  
      }  
    }  
    reader.readAsDataURL(this.files[0]);  
  }  
});
```

Project Requirements

7 Pages

- Home page (*index.html*)
- Products page (*products.html*)
- Design page (*design.html*)
- Place order page (*placeorder.html*)
- Confirmation page (*ordercomplete.html*)
- About page (*about.html*)
- Contact page (*contact.html*)

Internal and External Style Sheet

- We used a style sheet for all pages (*style.css*) with the style of the larger elements, or any classes or id's we knew we would need.
- We use internal style sheets or inline styles for smaller elements or on a case by case basis.

fixed page elements (navigation/header/footer) as appropriate per page

- We have a header and footer for each page, the same across the entire site for consistency.

consistent look and feel across all pages

- We met multiple times to go over what we wanted the pages to look like, to ensure consistency.
- Although we split up the work of coding each of the pages among the group members, we were in constant communication about how they looked, and about what elements we wanted to keep the same across all pages.
- One of our members went through the site after all the pages were finalized to check for consistency and change anything that didn't look appropriate.

incorporates Javascript and jQuery

- Uses jQuery selectors throughout the codebase to access HTML elements.

include a jQuery "special effect" (animation, fade, etc)

- Uses a jQuery animation to fade into a page when it loads.

includes a form

- We included two forms on the order placement page, where the user can view his/her order summary and input his/her information.
 - The order summary includes the type of product chosen, the quantity, the size, the price of the individual item, subtotal, MA tax, and total.
 - The user information form has strict validation: the user must input a @tufts.edu email address, a valid phone number, a first name and last name.
- In order to place their order, the user must commit to submitting payment upon receiving their item by checking the consent box. If they do not, an alert appears and an effect makes the action the user needs to take prominent.

at least one page must have multiple columns

- Our products page and home page has multiple columns that shows images for the water bottles, t-shirt and sweatshirts.

responsive and mobile friendly - must pass this test:

<https://search.google.com/test/mobile-friendly> (Links to an external site.)

- We worked to make the site responsive and mobile friendly, it passes the test.

works online

- We have tested and deployed the site on github - it works online.
- Mobile optimization works without flaw or overlapping text on all target phones tested

no broken links

- As far as we can tell all of the links work and direct to other parts of our site.

no "lorum ipsum" content

- We wrote all of the content ourselves

Group Contribution

- Sam
 - Worked on the place order page
 - The hero images on all pages
 - Calculating the ready for pickup date on the confirmation page
 - Some styling
- Isabel

- Created the template for the buttons used on the site, and the styling for the three product boxes
- Wrote the code for the About, Contact, and Product Select pages
- Tom
 - Header
 - Logo design
 - Footer
 - Beautiful and consistent styling across entire website, CSS consistency and reusability
 - Order complete page
 - Mobile friendliness for all pages without overlapping text or images
- David
 - Created the *createOrder.js* module, which is used to pass parameters between pages
 - Wrote the code and UI for the design page, which is where the user chooses a style for their order