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CSC 240 - Web Programming

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“We affirm that we have carried out our academic endeavors with full academic honesty." [Signed, An Nguyen, Andrew Giordano, Jonathan Caputo, Minh Le]

**CSta Fiesta - Final Project Report**

1. Project description and goals

Our project is an informative webpage about breast cancer that gives users an outlet for gaining information on the topic of breast cancer from others who have dealt with it. This includes general Tips & Tricks, stories of people who have dealt with breast cancer before, and a general forum for users to post messages about whatever they want to talk about. The goal for this webpage is to essentially allow helpful information about breast cancer to spread through a visually appealing medium, which does not currently exist. We would like for users to learn more about breast cancer and be able to exchange information with other users in order to accomplish this.

1. Link to your website (if in public domain):

*None to provide.*

1. Technologies used (where and how)

For every page of our project, we used HTML and CSS to create the structure and appearance of our webpages. In terms of other technologies, we also used jQuery in several parts of our webpage. In each page, we use jQuery to grab our NavBar class and embed it as our navigation bar at the top. We also use jQuery to make the slideshow on the Homepage. We used JavaScript on our Forum page in order to embed the free forum by Nabble and in our Contact Us page for validating our form. We also use PHP for the Contact Us page, which allows us to store the information put into the form by the user into a database and allows us to prompt the user with a message when they submit the form. In addition, we are using MySQL to create a database for the form on the Contact Us page.

1. Goals achieved

The goals listed above were all achieved, mainly to design a good looking website that is easy to use. This website contains useful and accurate information and delivers that information in a simple, but elegant form.

1. Incomplete part(s) and reasons

One part of the website we were hoping to implement in the website is a general search bar at the top that allows the user to search any keywords and go to any page that contains said keywords. The reason we couldn’t do this is because we decided the functionality was unnecessary, and would only be done if we had enough time, and we decided that not having the case. In addition, we decided that it may be too tough to implement given the time constraint we were under.

Another aspect of the website we intended to implement but couldn’t was a database that contains the responses of the form on the Contact Us page. While we thought it would be a good idea to do, we couldn’t quite figure out how to get the responses of the users in the POST from PHP to MySQL. We also agreed that it wasn’t worth the struggle since we were unsure of how to do it and it didn’t truly add any functionality to the website.

1. Contributions of group members

An - Design wireframe and all CSS in the general stylesheet as well as the individual pages, some HTML additions in Tips and Tricks and Stories, create the brochure.

Gio - Created the initial HTML for stories and Tips and Tricks pages, designed the php code for the form with Jon.

Jonathan - Created the NavBar, created Contact Us page, wrote up initial draft of report, designed the php code with Gio.

Minh - Created Homepage and Forum (all HTML content and embedded CSS), create the presentation.

1. External resources (if any)

Navigation bar: we used jQuery as well as an external stylesheet that contains all necessary icons we need for the navigation bar. (link: https://www.w3schools.com/jquery/jquery\_get\_started.asp)

Homepage: the carousel is built using Slick (link: https://kenwheeler.github.io/slick/)

Forum: we embedded the free forum site from Nabble to our website.

CSS: create columns (link: <https://www.w3schools.com/howto/howto_css_two_columns.asp>)

Images: Google search

1. Evaluation

In terms of presentation, the website looks pretty nice; the background image colors blend well with the HTML components’ colors. The overall website is quick and easy to use, nothing is hard to reach or is unclear. The navigation bar looks good and is functionally easy to use. The homepage provides good information for the user to look through to learn about the website and the slideshow is eye-catching and also provides quick facts about breast cancer that could be useful to the user. The stories (and tips and tricks) page provides the user with powerful anecdotes about three different breast cancer patients and the page itself doesn’t clutter the page with unnecessary fluff; it just gets straight to the point and tells users about the provided stories. The styling that is there does neatly encapsulate each story to separate them from each other. The forum is simple, but effective, for allowing communication between users. The contact us form looks nice and is clear what fields to fill in and when they are incorrectly filled in. Overall, the website is simple but looks very nice and is easy for users to use.

*NOTE: This is a summary of a compilation by the creators and other anonymous users.*

1. Cite appropriately if you get help from anywhere

*All outside help is currently cited in section 7 by providing the links to the cites used.*