

Ashlyn Martinez

2024F_INF651_VA_Front End Web Development I

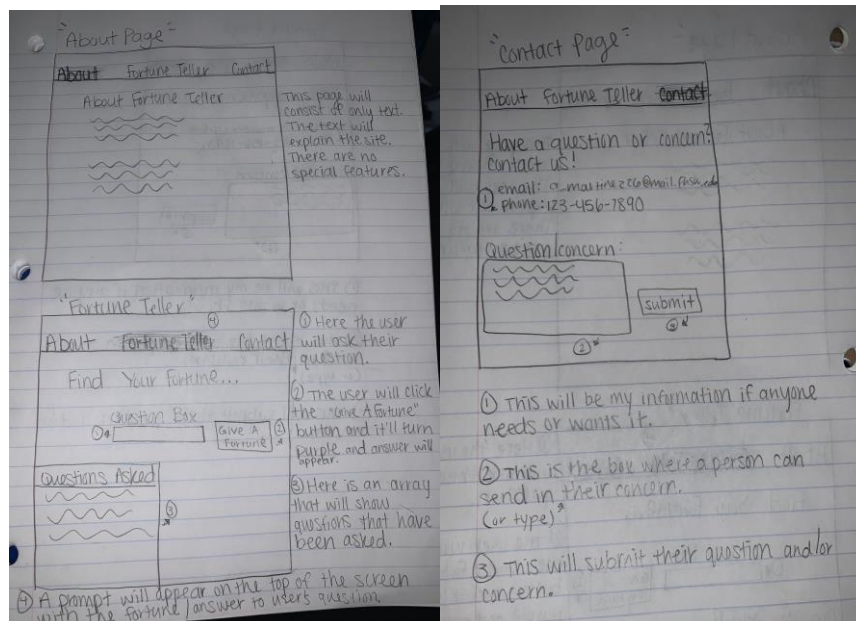
Mr. Muvva

11/30/24

All About My Website

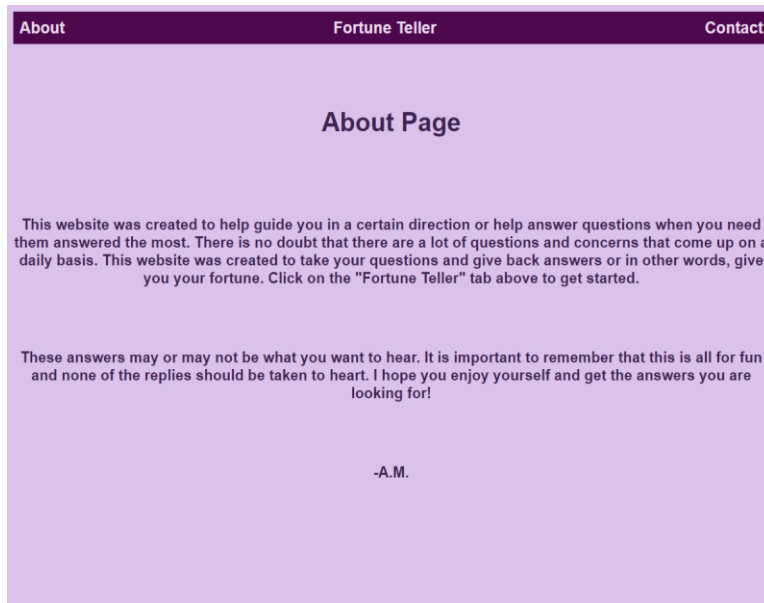
My website is designed to give answers to people who may need them. It is supposed to function in the way a Magic 8 Ball functions. Someone will ask a question (or enter it), and the website will give back an answer. There are 12 different answers in total. It includes HTML, CSS, and JavaScript functions. It has three pages to it; the *About Page*, *Fortune Teller*, and a *Contact Page*. All pages have a navigation bar at the top that people can use to go between the three pages. All pages have a purple background and similar colored text.

Pre-Sketches



About Page

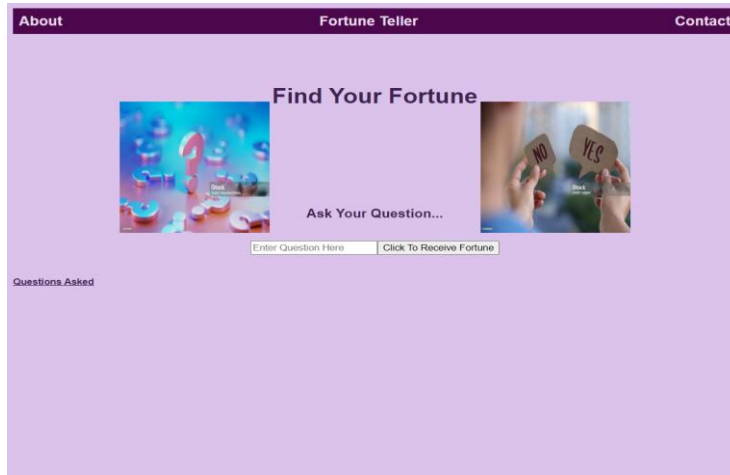
This page is a simple but beneficial page to my website. It consists of an explanation of why the website was created and what its purpose is. There are no JS functions on this page. As for CSS, I ensured that the text is a darker color so that it is easy to see and read. I used dark purple for my text. I used h3 for my text so that it was bigger and easier to read as well.



Fortune Teller

This is the page where all the exciting features happen. I started off by using a h1 for the “Find Your Fortune” text which allows the user to know that they are on the page where they’ll find their fortune. I used h3 for the “Ask Your Question” text. This is right above the text-input section. The text-input section is where the user enters their question and gets a response/fortune through an alert. I used JS for this function. JavaScript allowed me to give the users their fortune through an alert. The button to submit their question is right next to the text-input section. This button will turn purple after it is clicked. I used HTML script functions to be able to turn the button purple. On the bottom right of the page, there is an array where previous questions will be sent. This is another one of the functions that I used JS for. JS allows me to have the array function on the page. This will allow the user to see what questions they have asked and entered into the website. I also added some photos to

both sides of the page so that there were visuals to look at. I felt that it added more life to the page.



Contact Page

This is the page that is used if someone needs to contact me for some reason about the site. I used h2 for the “Have a question...” text. This tells the user how they will enter their name, email, phone number, and concern so that I am able to review the concerns and comments about the site. I used the form and p element to create these input sections and submit button. (If someone is to submit their information currently, it will lead to nowhere). I used JS functions to ensure that users enter proper information. It is required that users have more than one initial for their first name, they must use the @ sign for the email, and at least 10 digits for the phone number. The last name and comments are not required. If the information is not entered correctly, an error-message will pop up telling the user “Required. Please enter proper ____.” This can help reduce false questions and concerns.

The screenshot shows a web application with a dark purple header containing three links: 'About', 'Fortune Teller', and 'Contact'. The main content area has a light purple background and is titled 'Contact Page'. Below the title, a message reads: 'Have a question or concern? Enter the below information and we will get back to you!'. The form includes input fields for 'First Name', 'Last Name', 'Email', and 'Phone Number', each preceded by an asterisk indicating it is required. There is also a larger text area for 'Comments'. A 'Submit' button is located to the right of the comments field. At the bottom of the page, a small copyright notice states 'Copyright © 2024 Fortune Teller'.

How JS Improves Functionality

JavaScript improves functionality immensely. In this project, I used JavaScript for three main purposes. The first purpose is to give the website the “fortune telling” feature. Using JavaScript, I was able to create a website where people could enter their questions into the text box, and they would get an alert back. This is one creative way to give the user an answer. It is what makes the website what it is. Without JS nobody would be getting a fortune response. The other way JS is utilized is by getting the users’ questions/input and putting them into an array. This array is useful so that the user can see questions that they have already asked the website. Lastly, I used JS validating techniques to ensure that the contact information is correctly filled out. This could help ensure that I get into contact with the right person and there is less likely of a chance of people sending in a false form.

I would say that JS is beneficial. Without it, I would have to find other ways to complete these tasks, and it would probably be a longer route. Using JS is easy and effective. There is not too much coding for what has to be done. It makes the website come alive and gives some interactivity for the user to use and interact with.

Challenges Faced and Overcame

There were a few challenges I faced. One of the challenges I faced was with getting the users input to go into the array and simultaneously getting the fortunes/alerts to work. I had these two JS functions separately. One function told the site to put the users input into the array and the other told it to pop up an alert after correct input was given. So, the site was reading one function and then the other. I believe that the two functions were

cancelling each other out and making it impossible for the two to work together. I finally figured out that I needed to turn the two JS functions into one. After I did this, it fixed the problem.

Plans for Additional Features

There are a few future plans that I have in mind. One of these plans is to turn the text-input box into a sphere-like object, which is more realistic and interactive than a plain textbox. This would give users more to look forward to when using the site. The other future plan that I have in mind is making it so that the array holds both previous questions and the answers that those questions received. I think it would be beneficial for the user to not only see previous questions, but also previous answers. This could allow the user to see if they get a different answer in the future. The last thing I would improve is where the contact page leads to. As of now the information is not sent anywhere, but maybe eventually I can create another page or site that could hold onto all the users' information and comments so that I can see what is being said or suggested. I believe there is a lot more that can be done, but for now, I am happy with it. It is mine and functions how I imagined it would.