

My Website URL:

<http://ec2-54-159-151-125.compute-1.amazonaws.com/FinalProject/>

My website is a make believe website about a space station you can book vacations to. The homepage shows a gallery of images of the station, and it has a menu to navigate through the different tabs. The tabs include "AboutUs.html" "BookingPage.html" and "SpaceSound.html". And the home page is set to "index.html". Before being able to book a suite, the website will make you log in first, (username:test password:pass), and once you're in, it gives the user the option to log out at the bottom. The station sound tab has a youtube video that demonstrates what the station will sound like while you are aboard.

Requirements:

- 1.) All of my pages fulfill the requirement of having the 5 required tags. <!DOCTYPE html>, <html lang="en">, <head>, <body>, and <title>
- 2.) All of my pages have a consistent design interface. They all keep the same spacey look, and dark purple color scheme. I tried making the design have a sci fi look to it, so all of the pages have similar look. I used the same gradient colors on all of the bodies as well.
- 3.) The common element I used was the menu bar at the top left to navigate through all of the pages. I used a different nav bar on my station sound page to fulfill the bootstrap requirement, but it shares the exact task that the other menu does, it is just visually different. All of the other pages share the exact same code to reuse the menu bar.
- 4.) The main home page is publicly available to everyone, but the only page that needs a login is the Book a Suite page. The rest of the website isn't password protected. The user gets the option to log out whenever they want at the bottom of the page. It is also indicated to the user that they are logged in when they are in the Book a Suite page, and after they've logged out, they will need to re log in to get back to the page.
- 5.) The FinalProject.php file on line 6 and 7 shows that I set the username and password to test, and pass.
- 6.) I used a good amount of php throughout my final project. First was for the login page, I used php POST to get their private info and log in if the input fields are correct. And I used 3 different php files in the booking page for the 3 different booking options. The php files use GET to find the amount of members the user is booking for, and the php file multiplies the price per person times the amount of people there will be. Then the php files adds on the additional price, depending on which checkboxes they have checked. One of the check boxes adds on \$250, and the other check box adds \$120 per person. The total is then displayed in the box that says Total.

- 7.) As said before, I used POST in the FinalProject.php on lines 6 and 7, and I used GET in the EconomyPurchase.php, SecondPurchase.php, and FirstPurchase.php all on lines 5, 6, and 6.
- 8.) Beyond the login form elements, I used more form elements in my Booking Page. I used a number input with a min of 1 and max of 10 on line 76. I used checkbox inputs on lines 82 and 91, and I used a submit button on line 85. These same forms were used 3 identical times but depending on what card they have selected. Visually they don't look different.
- 9.) On the BookingPage.html, line 344, I check to see if they put more than the limit of 10 members, and I also made sure they input more than 1 member. If they input anything that is not in that range then I have alerts pop up to notify the user that their input was not valid.
- 10.) In the main homepage index.html, If you scroll down a little bit, there is a gallery of images of the station. This meets the requirement of having multiple images in one page.
- 11.) The SpaceSound.html has an imbedded youtube video in it. Line 78. I made it auto play when the user loads the page, and I fit the video in a frame in the center of the page.
- 12.) Every single html page uses javascript. It is especially used in the Booking Page, but at the minimum, every page has it because they all share a navbar menu. But to add onto that, there is plenty of javascript around to fulfill this requirement.
- 13.) JQuery is used in SpaceSound.html on line 43 in order to make the bootstrap navbar work properly. It is also used in the AboutUs.html page on line 38. It was the click function.
- 14.) I fulfilled the bootstrap requirement by implementing a navbar on the SpaceSound.html page on line 11.
- 15.) Ajax was used in the BookingPage.html on line 248, 303, and 354 in order to display the users total cost.
- 16.) I think my page goes beyond the requirements because I put in a ton of effort to make each page aesthetically pleasing with a consistent theme, and I even included animations throughout the website. On the main page, I animated a large image of stars to infinitely rotate slowly to give a cool look. I was talking with the professor and I was told It was possible to get extra credit from adding these animations.
- 17.) This is the document!

References:

- The sideways navbar menu was inspired from https://www.w3schools.com/howto/howto_js_sidenav.asp
- The images raising when mouse hovers over them in the booking page was inspired by <https://codepen.io/giana/pen/BZaGyP>
- The Ajax was inspired by the Ajax lecture 4, 5, and 6
- The gallery of images were inspired by https://www.w3schools.com/howto/howto_js_slideshow.asp