

Web and User Interface Project

Report

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Testing and evaluation

A.

i. 218 lines including new lines – mystyle.css

ii. none, as the framework im using is in a different css file

iii. I used bootstrap 3.3.7, Saved a copy locally in WebProject/static/css/bootstrap.css.

I used bootstrap to aid in making the site responsive . Bootstraps grid system was important in helping me achieve the layout used on the site. It made handling containers easier as i was able to specify how many columns I wanted on what sized screen I wanted , so it gave me a greater degree of control than i could have had without using it .

B.

Using the chrome developer tools i took an average of the load times for each page .

i. The average speed for index was 201.8ms , music 724.2 ms , gigs 162.6ms and contact 260ms .

ii. Audits were performed on each page using chromes audit tab following it recomendations on the music page . I put the javascript before the css files .

iii. After implemting that change the new average speed of the music page was 632ms

C.

when testing website responsiveness i had planned to use 3 devices , A laptop, tablet and phone but when it came time to developing and testing I was not able to .

I used the firefox and chrome developer tools looking at multiple screensizes . Each page handles a mobile fairly well . The pictures scaled appropriately both in landscape and portrait views . The tablet view and the mobile views are not hugely different and have i more time i would have developed the these views futher .

The video on the small screen is a little smaller than it should be but it has an option to go fullscreen so this is a minor problem.

On a desktop some features come into play like links increase in size and change color instead of just change color when you hover over them . The reason for this was that on tablets and mobiles you cant hover with a mouse .

The form, music player and video all scale as they should .

D.

As part of the testing process , I showed my website to a cousin who has a B.A. in computer science and works in software development . He reviewed the website from a user perspective and gave me a list of pros and cons .

Cons

The way the links get bigger in the desktop view is not consistent and it breaks the feel of the website , if something is going to increase in size its better to be consistent across different platforms .

The links are not underlined , this is something that can be confusing to users as they expect to find it . Also the way the links increase in size for desktop . Its not consistent and it breaks the feeling that its one site .

On the music page not showing which song is currently playing . This is a problem as users won't know what song they are listening to and if a fan wants to find a song they like and can't . The last thing a band wants is to lose a fan because of a bad design feature in their site.

Notify user in form in realtime if any input in a form is invalid. This is just good practice and what users have come to expect in forms . For example changing the color of the border of an input if the put is invalid , in addition to displaying a message as to the error .

Pros

The color scheme is pretty good as the colors chosen don't clash . this wouldn't present any issues to color blind , also good for people who are light sensitive .

With the exception of the text increasing, the site general responds well to different screensizes although more can be done to make the site more responsive.

Generally the load times are pretty good and not likely to present a problems for the user .

Suggestions

Adding header to gigs page would make the site more consistent.

Changing the inconsistent presentation of data on gigs page. The list on one side and not the other .

Make the text and headings more mobile friendly.

E.

1 . Testing HTML with the w3 html validator , I was able to eliminate all errors.

Css with the w3 validator gave me one error saying Property pointer-events doesn't exist : none but after checking the mozilla foundations website

<https://developer.mozilla.org/en/docs/Web/CSS/pointer-events> Updated on the 12th april 2017 .

It did exist and was needed in order for my website to function . So Im unsure if its a problem with the validator. Besides that all Css errors were eliminated

When testing i discovered the table click doesnt work in chrome only in firefox . So a user cant change song by clicking on the song track on a table in chrome as in firefox . Had I more time I would try to fix this

Note the javascript in change song used pieces of javascript i found online althouth it was modified to fit my site.

2.

Mobile wise the website scales reasonable well . Bootstrap made it fairly easy to achieve a mobile friendly design , however . I tested it in a mobile sized screen on my laptop . There may be issues that I havent seen but exist on that scale or problems with touchscreens for my site .

3.

Moving forward with the site there are a number of aspects that should be addressed .

Getting the songs to change in chrome .

Add a feature to display the current song.

Add a gallery section .

Testing the site using more devices .

Make the text and headings more mobile friendly.