***The MusicZone***

The MusicZone allows you to trade music. You can see the songs on trade by its categories. It also allows to create a new trade. You can also view the details of the item on the trade.

Graphical user interface, text

Description automatically generatedWebsite, timeline

Description automatically generatedGraphical user interface, text, application

Description automatically generatedGraphical user interface, text, application, email, website

Description automatically generated

**Implementation:**

The basic HTML5 has been used to create web pages. I have created 4 web pages and 1 css file which contains style details for those pages.

index.html>>gives details about website (Home page).

trades.html>>gives listing of songs by their artist.

trade.html>>gives details of selected song.

newTrade.html>>allows to create new trade.

**Challenges faced during implementation:**

The most challenging part of assignment was designing in CSS. As this is my first time working with CSS. I had no idea on how margin and padding works. I spent hours working on moving the items on the screen. My mistake was I started creating before learning, thinking that it is easier. But while I was creating the site, I realized that I should learn the concept first.

There is one more challenging thing which is designing UI. It is very important to select good combination of colors to make it look aesthetic. I was trying to apply background images and lot of colors just to make it look good but was failing.

**How I overcome the challenges:**

I referred the CSS crash course by traversymedia, which helped me to understand the basic concepts. I was still facing the issues, but stack overflow saved me solving those.

For UI designing part, I referred some blogs and articles on how to design UI, which helped me understand basic things such as not using too much loud combinations of colors.

**Exciting/interesting concepts:**

The most exciting and interesting part of the project is frontend development which allows to see immediate changes on the screen. The one interesting thing I learnt about the CSS is difference between rem and em, em is relative to its parent element and rem is relative to html element. Rem also allows scalability. Another new thing was flexbox. I was facing lot of alignment issues before and then while searching, learnt about flexbox. I tried using those which saved lines of code. There are still many things to learn and looking forward to applying those in project.

As of now, the project is complete and working fine but I am looking forward to making it more attractive and reliable. I am thinking of using Angular framework so that it will be easy to manage the whole project and modular structure will be helping in scalability.