Final Project Documentation

During the final project for this class, I created a guitar store for part 1 using script.aculo.us animation library, HTML, CSS and some JavaScript. In this project there will be an animation squish when you click the buy now button. When the page is loaded there will be a blind down animation for an entire products section. In that products section when you click the buy now button each item will show the animation effect of drop out and the product will disappear from the product list. For the final animation I add a shake effect for the contact form. If the user does not type anything and try the submit the form, it will shake the place where the user needs to type, and the border will turn red. When doing this form, I think it is a little bit challenging for me.

For Part 2 I made an animation where the car is driving and the sun will set, and the moon will come out and then the background color will change to night theme. In this animation I make a function for each item, and I set the default value and max value for each picture using JavaScript. Then I make a function for each item to move the picture using if statement so that it will not exceed the maximum value that I set. Then I use increment and decrement for each function to move the picture. Then I assign that value to CSS so that the picture will move the way I want.

For Part 3 project I make a menu item for a restaurant I use jQuery plugin to animate the menu section. First, I add FakeLoader.js so there will be a small bit of loading animation for like one second. I also implemented **ScrollReveal.js** to animate the menu items as the user scrolls down the page. As each item comes into view, it fades or slides in smoothly. Then I add a lightbox for each item in the menu so that the user can view the image in bigger view and the user can also read about the dish in the menu. Then I add the tilt effect for menu item when the user hover over the image it will create some motion. Putting all these animations together I think will make the page more interactive. While it is easy to create a basic layout menu putting all these plugins together and ensuring that animations worked together and smoothly was a challenge.

In this class learning JavaScript is fun and challenging. I really enjoyed the hands-on project they allowed me to apply what I learned in class.

For my future I will finish web development certification from Saint Paul College since I really enjoy building web pages and web applications. My plan is to become a full stack developer so in summer I will try to learn about some modern JavaScript libraries and some programming languages for backend development.