

Will Klepinger

Prof. Retterer

ECCS 2441 Web Development

01 March 2021

Assignment 3: CSS Show Off Page

For this assignment, I wanted to research cool things to do using CSS. After I learned about some neat things you can do with images, I made an image that splits into two and reveals text when hovering over the image. View the final project here: <https://gph.is/g/4Ako5O7>

HTML:

```
<!DOCTYPE html>
<html>
<head>
  <title>CSS Show Off Page - Will Klepinger</title>
  <link rel="stylesheet" type="text/css" href="index.css">
  <!-- ref for font from Google Fonts -->
  <link rel="preconnect" href="https://fonts.gstatic.com">
  <link
href="https://fonts.googleapis.com/css2?family=Staatliches&disp
lay=swap" rel="stylesheet">

</head>
<body>
  <div class="box">
    <div class="albumInfo">
      <h1>Power Up Tracklist</h1>
      <ol>
        <li>Realize</li>
        <li>Rejection</li>
        <li>Shot in the Dark</li>
        <li>Through the Mists of Time</li>
        <li>Kick You When You're Down</li>
```

```

        <li>Witch's Spell</li>
        <li>Demon Fire</li>
        <li>Wild Reputation</li>
        <li>No Man's Land</li>
        <li>Systems Down</li>
        <li>Money Shot</li>
        <li>Code Red</li>
    </ol>
</div>
<div class="albumImage">
    <!-- Class used for CSS only -->
</div>
</div>
</body>
</html>

```

CSS:

```

body{
    margin: 0;
    padding: 0;

    background-color: #910e0c;
}

.box{
    background-color: #000;
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%,-50%);

    /*Album cover dimensions*/
    width: 800px;
    height: 800px;
}

.albumInfo{
    /*Font color*/
    color: #ea3427;
    /*Font family from Google Fonts*/
    font-family: 'Staatliches', cursive;
}

```

```

    font-size: 20pt;

    position: absolute;
    padding-top: 10%;
    padding-left: 25%;
}

.albumImage{
    width: 100%;
    height: 100%;
}

.albumImage:before{
    content: '';
    width: 50%;
    height: 100%;
    position: absolute;
    background: url(ACDC-Power-Up-Cover.jpg);
    /*Size of box*/
    background-size: 800px 800px;
    /*Direction the image ends at on hover*/
    transform-origin: bottom;
    transition: 1s;
}

.box:hover .albumImage:before{
    transform: rotateX(90deg) translateY(50%);
}

.albumImage:after{
    content: '';
    right: 0;
    width: 50%;
    height: 100%;
    position: absolute;
    background: url(ACDC-Power-Up-Cover.jpg);
    /*Size of box*/
    background-size: 800px 800px;
    /*Direction the image ends at on hover*/
    transform-origin: top;
    /*How long transition lasts*/

```

```

        transition: 1s;
        /*Slide right image over to make it look like one complete
image*/
        background-position: 400px;
    }

    .box:hover .albumImage:after{
        transform: rotateX(90deg) translateY(-50%);
    }

```

To start the project, I made a box class the same size as I wanted the album cover to be, 800px by 800px. Then I changed the background color of the box and added a class to add the header and the ordered list for the tracklist. I used an imported font from Google Fonts, centered the text with padding and increased the font size. Then, the real work with the images began. I use the before and after pseudo elements to insert before and after the content in the albumImage class. Both start with a content property to activate the element. I use the same image twice, with both images using 50% of the width and the right side specifically starting 400px over, so when you're not hovering it looks like one complete image. Then I prep the animation by using the transform-origin property, setting which way each side will end up, the bottom for the left side and the top for the right side, while hovering and set how long the animation will last, which is 1 second. After that, while hovering, I shrink the image 90 degrees and translate it along the y-axis to make it look like the image is hidden so you can see the tracklist behind the image, and I do the opposite for when you move the mouse outside of the box class.

This project was pretty challenging but I learned about a lot of new properties like the rotate and translate properties and the transform-origin property, as well as working with the before and after pseudo elements.

On my honor, I swear that I have followed all of the rules restricting collaboration with others on all assignments to this point in the class.