Project 1 Reflection Paper

Student Name: Nancy Hu

Date: February 25, 2024

Instructor Name: Jack Rieger

During the first five weeks of school, I completed my first "complete" website project since learning to use html and css. I refer to it as comprehensive since it has a homepage, a preface page, several side pages that branch off of the main page, and a concluding summary page. This structure is akin to narrating a story with a beginning, middle, conclusion, climax, and flow. This project's goal was to use HTML and CSS to build a continuous, hierarchical website. The website's main goal is to provide a variety of images, typefaces, and text material associated with the chosen article by contrasting the typography and hierarchy. It also uses links, navigation buttons, and other elements to connect pages and point users to other websites.

Before I started conceptualizing the Refactor solution, I reviewed and browsed through the code I had built upfront as a whole and kept the better parts of what I had accomplished at the time, so that I could continue to adopt these frameworks for my next website build.

1. Framing: I used the "hollow-rectangle" container div on each of the three subpages. I created a hierarchical link between the text-graphic and navigation-button by placing them in this large div. In the context of these styles, I will also assign the same style elements to each container, such as container-1 {color: red}; container-2 {color: blue};

and so on. These elements will be taken from the same label in the large container {} under the various effects. Repetition and language complexity are avoided in this way.

2. Uniformity of visual elements: Pages at the same level have essentially the same visual layout, despite the fact that they belong to various levels. For instance, the border of the comma, colon, and semicolon pages is solid and measures 10 pixels, with a border-radius of 50 pixels.

In addition, after completing the creation of the entire site, I found a number of adjustments that needed to be made to the programming framework and organizational structure, and I did some refactoring.

1. First of all, during the initial setup of the site, I realized that most of the content I had written was unlinked, and the logic of the css styles I had assigned to them was very confusing. This led to a lot of fuss when it came to making changes later in the project. For example, in the image below, which is the html file of one of the pages built at the very beginning, you can see that the div with class="title" is not included in the div with class="follow-rectangle As you can see, the div class="title" is not included in the div class="hollow-rectangle", so when I set the position of "hollow-rectangle", the title part of h1 is separated and can't be moved along with it. So, after refactoring, I moved all the content that belongs to the "follow-rectangle" div in and reordered them.

```
<div class="title">
<h1>
  The Saboteur, The Joykiller
</h1>
</div>

<div class="hollow-rectangle">

  <b style="font-size: 30px;">The</b> first and the most the completely most uninteresting is the question mark.<br>Connected with writing it is completely entirely completely uninteresting.
  <br> All knows when a question is a question as it is written in writing. <br>Therefore I ask you therefore wherefore should one use the question mark.
  <br>Beside it does not in its form go with ordinary printing and so it pleases neither the eye nor the ear.<br><b style="font-size: 30px;">A question is a question.</b> <br>Anybody can know that
  a question is a question. <br>I always found it positively revolting
  <br>Exclamation marks have the same difficulty and also quotation marks,
  <br>They are unnecessary, they are ugly, they spoil the line of the writing or the printing and anyway what is the use.<br>When I first began writing I found it simply impossible to use question
  marks and quotation marks and exclamation points.
  <br>Perhaps some day they will see it some other way but not at any rate anybody can and does see it that <b style="font-size: 30px;">way</b>.

</div>

<a href="https://nancyyyhu.github.io/core-2-interaction/studio/project-1/poetry/index" class="navigation-button">Find More~</a>

</body>
</html>
```

Before

```
<div class="hollow-rectangle">

  <div class="title">
    <h1>
    The Saboteur, The Joykiller
    </h1>
  </div>

  <p1 class="text">
    <b style="font-size: 30px;">The</b> first and the most the completely most uninteresting is the question mark.
    <br>Connected with writing it is completely entirely completely uninteresting.
    <br> All knows when a question is a question as it is written in writing.
    <br>Therefore I ask you therefore wherefore should one use the question mark.
    <br>Beside it does not in its form go with ordinary printing and so it pleases neither the eye nor the ear.
    <br><b style="font-size: 30px;">A question is a question.</b>
    <br>Anybody can know that a question is a question.
    <br>I always found it positively revolting
    <br>Exclamation marks have the same difficulty and also quotation marks,
    <br>They are unnecessary, they are ugly, they spoil the line of the writing or the printing and anyway what is the use.
    <br>When I first began writing I found it simply impossible to use question marks and quotation marks and exclamation points.
    <br>Perhaps some day they will see it some other way but not at any rate anybody can and does see it that <b style="font-size: 30px;">way</b>.
  </p1>

  <a href="https://nancyyyhu.github.io/core-2-interaction/studio/project-1/poetry/index" class="navigation-button">Find More~</a>

</div>

</body>
</html>
```

After

2. At the same time, during the course of the project, I realized that I was very confused about the mechanism of setting hover vs animation in css. When creating the effect of flipping a graphic, I always used @keyframes and img:hover together to achieve it, complicating a simple problem. In fact, one or the other would have been ideal for creating the graphical distortion I envisioned. So I've trimmed that down as well.

```css
.card{
    width: 310px;
    height: 220px;
    overflow: hidden;
    margin: 30px;
    background-color: #000;
    color: #eee1c7;
    cursor: pointer;
    position: relative;
    left: 10%;
    top: 0%;
}
img{
    animation: transition-right-start 0.5s linear forwards;
}
@keyframes transition-right-start {
    0%{
        width: 100vw;
        height: 100%;
        filter: blur(0px);
        transform: translateX(-50%);
    }
    3%{
        width: 300vw;
        height: 100%;
        filter: blur(3px);
        transform: translateX(-50%);
    }
    5%{
        width: 600vw;
        height: 100%;
        filter: blur(3px);
        transform: translateX(-50%);
    }
    95%{
        width: 6000vw;
        height: 100%;
        filter: blur(3px);
        transform: translateX(-100%);
    }
    100%{
        width: 100vw;
        height: 100%;
        filter: blur(0px);
        transform: translateX(-150%);
    }
}
img{
    width: 100%;
    height: 100%;
    transition: 0.35s;
}
img:hover{
    opacity: 0.3;
}
```

```css
.card{
    width: 310px;
    height: 220px;
    overflow: hidden;
    margin: 30px;
    background-color: #000;
    color: #eee1c7;
    cursor: pointer;
    position: relative;
    left: 10%;
    top: 0%;
}
.card img{
    width: 100%;
    height: 100%;
    transition: 0.35s;
}
.card .text{
    position: absolute;
    top: 30px;
    left: 30px;
    bottom: 30px;
    right: 30px;
    padding: 0 18px;
    font-family: 'LALUNA';
}
h2,p{
    margin-bottom: 6px;
    opacity: 0;
    transition: 0.35s;
}
h2{
    font-weight: 300;
    text-transform: uppercase;
    transform: translate(30%,0%);
    transition-delay: 0.3s;
}
p{
    font-weight: 200;
    transform: translate(0%,30%);
}
.card:hover img{
    opacity: 0.3;
}
.card:hover h2{
    opacity: 1;
    transform: translate(0%,0%);
    transition-delay: 0.4s;
}
.card:hover p{
    opacity: 0.9;
    transform: translate(0%,0%);
    transition-delay: 0.6s;
}
```

Before   *After*

To sum up, during the process of building the website, I devoted myself to plenty of

investigations into punctuation and illustrated the idea of how web development can produce

captivating and immersive digital stories. As the first project came to an end, it strengthened my

conviction to build a comprehensive framework structure for the website. In this way, features

like multimedia, accessibility improvements, and interactivity will be considered as my priority

for my next project.