

# Dragons Keep Reconstruction

I chose this local site-based alone on the original landing page, and it also helped that it was a local business too. Their landing page from the beginning was pretty bad, it was unfinished and had a lot of conflicting colors. It was a lot of noise to look at and consume in other words. The goal was to focus on the assignment instructions, to demonstrate that I know how to build a website using the tools learned in DGM 2740, also was to practice and flex all the skills I've learned thus far up to this point.

So, I targeted the color scheme, scanability, images, and simplicity. Also, given within my time constraints, I treated it as a real-world time crunch problem and learned a lot from that as well. Here is the result.

## Roadbumps

Given where I'm at with my skills, I'm very comfortable saying I can build someone an average, maybe good-looking static site. So, I felt very confident going into this challenge and I think I had more pain with the minor issues I should've caught and just didn't.

These minor issues were images loading properly, issues with specificity, troubleshooting sub-nav hover/toggle states, and also random bugs that break a page.

## Images

In Fig 1, you can see an example of a snippet of code I'm using to load my hero images. I was having issues with my images not loading the correct image, resulting in an odd-looking hero-image slider (For context, I'm using the Slick slider library to accomplish this). The issue was, at least what I think it was, I was typing this and had misspelled some things. I'm thinking that the source media's srcset was not correct.

## SubNav

In Fig 2, you can see my HTML code snippet of how I made my sub-nav system to display the local stores, creating ease of access for a user to get info about a specific store. I had to trial and error this snippet--I don't have screenshots of my original attempts, but should be visible via the history of my Github repository--but eventually, I was able to get something simple to run. I think my issue was I was going at the structure in the wrong way, I was adding CSS animations mixed in with JS and I think at some point the code didn't like what was going on. I was having the menu being permanently toggled to be visible and not hidden, even though my event listener was functioning correctly--I was troubleshooting via console logs.

In short, I finally figured I'll just stop making it overly complex, because complexities lead to issues if you don't fully comprehend what you're attempting. I'll admit that I was possibly doing that, albeit I was trying to challenge myself and have a cool animation for the sub-nav opening/closing. The solution was just to simply toggle the sub-menu visibility via a JS event listener, see Fig 3.

```
<div class="HeroContainer">
  <div class="hero-img">
    <picture class="my-picture heroOne">
      <source media="(max-width: 390px)" srcset="img/content/hero-imgs/mobile/hero1.jpg">
      <source media="(min-width: 560px)" srcset="img/content/hero-imgs/tablet-desktop/hero1.jpg">
      
    </picture>
    <div class="img-cta"></div>
  </div>
```

Fig 1. Single Hero Image Code Snippet

I have issues with typing in the srcset path because it doesn't have the auto fill for that attribute, unlike src. Meaning, you'll have to take your time to type out the exact path, I type fast so this was an issue. Another notable issue that was present, that across some devices this would break and work fine for others during my testings. From what I got now, I think it should work across devices. Albeit, I don't have a lot of devices to test on for this.

```
<div class="ul-nav">
  <ul class="mainUL hidden">
    <li><a href="#">About</a></li>
    <li><a href="pages/blog.html">Blog</a></li>
    <li class="subNavLi">
      <a href="#" class="subNavEvent">Stores<span class="downArrow">&#9660;</span></a>
      <ul class="subNav hidden">
        <li><a href="pages/store-pages/sf.html">Spanish Fork</a></li>
        <li><a href="pages/store-pages/provo.html">Provo</a></li>
        <li><a href="pages/store-pages/orem.html">Orem</a></li>
        <li><a href="pages/store-pages/lehi.html">Lehi</a></li>
      </ul>
    </li>
    <li><a href="pages/contactUs.html">Contact Us</a></li>
```

Fig 2. Sub-nav HTML code snippet example

From what I've seen, there is a multitude of solutions to go about this. I thought this was the best for this instance, but I don't think it is the best solution out of them all. I'll try different solutions in my side projects shortly.

```
subNav.addEventListener("click", () => {
  document.querySelector(".subNav").classList.toggle("hidden");
  document.querySelector(".subNav").classList.toggle("Vis");
});
```

Fig 3. JS eventlistner

Note that the SCSS isn't being shown here, but what is happening I'm triggering a simple class that has a visibility rule in it, and another class that I set up to trigger a downward smooth animation.



## About Us

The Dragon's Keep has been serving Utah Valley for generations. We feel treated every time we have a parent bring their children to share the memories they've made at The Dragon's Keep. It continues to be our mission to deliver the most convenient location for you to come, sit, and enjoy your favorite hobbies with a knowledgeable staff who share the same passion for the wonderful product we get stock. What has always made Dragon's Keep the greatest place to work? You - The customer. Thank you for 30+ amazing years and we look forward to seeing you in one of our now four locations throughout the Utah Valley.

### Comics

We are proud to proclaim that we are the only comic book shop in Utah Valley. We carry the greatest comic hits, ranging from the awesome, adventure packed Marvel Comics to some of the amazing art filled image comics. We carry Marvel, DC, Image, IDW, Dark Horse, and many more fantastic small publishers that have amazing storylines as well as some of the most stunning artwork that has been produced by modern artists. Contact us through the contact page if you're an artist and want to do a signing at one of our stores, as well as if you want to sell some of your artwork as well.



### Trading Card Games

Trading Card Games are the lifeblood of Dragon's Keep. We hold major events for card games including but not limited to Magic: The Gathering, Pokemon, YuGiOh!, and Dragon Ball Super, plus many more! Contact your local Dragon's Keep and ask one of our team members about new events or visit the calendar of your specific store in order to find out when events are happening. We also do pre-orders for booster boxes of Magic, Dragon Ball, and Pokemon! We sell Pokemon, Magic, and YuGiOh! singles, and take TCG trade ins for 50% of their TCG Player Market Value.



### Miniature Gaming

Warhammer 40K and Age of Sigmar are Dragon's Keep's staples when it comes to war gaming miniatures. We have escalation leagues that are 6 weeks long for Warhammer that have a tournament at the end. The escalation leagues are all store inclusive. We have paint nights at most of the stores, as well as painting lessons given by SD paint studios. SD paint studios is a partner with Dragon's Keep that will do commissions for any miniature models. Ask a Dragon's Keep Team Member or fill out a contact form with any and all inquiries about commissions.



### Role-Playing Games

Here at the Dragon's Keep, RPGs are one of the activities we are most known for! Most of our stores have a variety of Dice, Books, Mats as well as miniatures for purchase. Our most played game is D&D 5th edition, but we also run games of Pathfinder, Star Wars, Call of Cthulhu, and many others! Call your local Dragon's Keep, or go to the calendar to find when your local RPG night is. We also are looking for more DMs at the Provo and Orem store to help us run our RPG night! If you're interested, let a Dragon's Keep team member know!



### Board Games

Board games are a great way for families to bond during family game night! We carry a wide variety of different board games from card games like Smash Up and Fluxx, to adventurous dungeon crawlers like Board Game Geek's #1 rated game Gloomhaven and Betrayal House on the Hill. We also host board game leagues at most of our locations! The prizes include store credit, and much more! If you're interested in joining one of our board game leagues, contact the store closest to you and we can sign you up! If you come to any of our stores we have used board games for you to try out for free, and if you can't stay too long to play, you can rent them for a small fee!



Stay Updated by Subscribing to the Dragon's Breath!


To the left is the original website, which I'm assuming was built via WordPress and was never completed. The right is my attempt to clean up their site, with inspiration from bigger comic book websites.

The original has a lot of colors that are just a pain to look at to be simply put. Also, some broken images and inconsistency issues.

Mine on the right introduces more of an easier color palette to look at and more structure. I took free images from Unsplash that was comic book-themed and took inspiration from big comic book store websites as well. This may not be the best-looking version of the site, but it is for sure way easier to look at and I feel it accomplishes the goals I set at the beginning of this article.



## Dragon's Keep

The Dragon's Keep has been serving Utah Valley for generations. We feel treated every time we have a parent bring their children to share the memories they've made at The Dragon's Keep. It continues to be our mission to deliver the most convenient location for you to come, sit, and enjoy your favorite hobbies with a knowledgeable staff who share the same passion for the wonderful product we get stock. What has always made Dragon's Keep the greatest place to work? You - The customer. Thank you for 30+ amazing years and we look forward to seeing you in one of our now four locations throughout the Utah Valley.

### What we offer:



**Comics**



**Miniature Gaming**



**Trading Card Games**

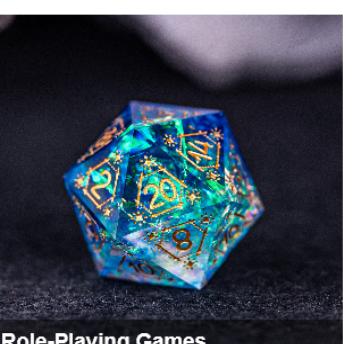
We are proud to proclaim that we are the only comic book shop in Utah Valley. We carry the greatest comic hits, ranging from the awesome, adventure packed Marvel Comics to some of the amazing art filled image comics. We carry Marvel, DC, Image, IDW, Dark Horse, and many more fantastic small publishers that have amazing storylines as well as some of the most stunning artwork that has been produced by modern artists. Contact us through the contact page if you're an artist and want to do a signing at one of our stores, as well as if you want to sell some of your artwork as well.

Warhammer 40K and Age of Sigmar are Dragon's Keep's staples when it comes to war gaming miniatures. We have escalation leagues that are 6 weeks long for Warhammer that have a tournament at the end. The escalation leagues are all store inclusive. We have paint nights at most of the stores, as well as painting lessons given by SD paint studios. SD paint studios is a partner with Dragon's Keep that will do commissions for any miniature models. Ask a Dragon's Keep Team Member or fill out a contact form with any and all inquiries about commissions.

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**Board Games**



**Role-Playing Games**

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## Join Our Newsletter!

Join our newsletter to receive updates on events, sales, and new products we receive in each of our stores!

joe@email.com

**Sign Up**

Wireframes made in Adobe XD to get me on a set direction for this challenge.

Fig 4. Landing Page LoFi, Option #1

The wireframe shows a landing page layout. At the top is a navigation bar with links for About, Blog, Stores ▾, and Contact Us. Below the navigation is a large red rectangular area with three white dots at the bottom right. Underneath is a section titled "DRAGONS KEEP" in red. A paragraph of text follows, describing the store's history and mission. Below this are five content boxes arranged in two rows. The first row contains three boxes: "COMICS", "MINIATURE GAMING", and "TRADING CARD GAMES". The second row contains two boxes: "BOARD GAMES" and "ROLE-PLAYING GAMES". Each box has a title and a brief description. At the bottom is a newsletter sign-up section with fields for email and a "Sign Up" button, followed by a copyright notice.

**DRAGONS KEEP**

The Dragon's Keep has been serving Utah Valley for generations. We feel treated every time we have a parent bring their children to share the memories they've made at The Dragon's Keep. It continues to be our mission to deliver the most convenient location for you to come, sit, and enjoy your favorite hobbies with a knowledgeable staff who share the same passion for the wonderful product we get stock. What has always made Dragon's Keep the greatest place to work? You - The customer. Thank you for 30+ amazing years and we look forward to seeing you in one of our now four locations throughout the Utah Valley.

**COMICS**

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**MINIATURE GAMING**

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**JOIN OUR NEWSLETTER!**

Join our newsletter to receive updates on events, sales, and new products we receive in each of our stores!

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## Fig 5. Landing Page LoFi, Option #2

The wireframe illustrates a landing page layout for 'The Dragon's Keep'. The top section features a header with the store's name in red, followed by a paragraph about their history and locations, and a blue 'Store Locations' button. To the right is a large red rectangular area with three white dots at the bottom. Below this is a 'ABOUT US' section with a paragraph and a small image placeholder. The main content area is divided into four sections: 'COMICS', 'MINIATURE GAMING', 'TRADING CARD GAMES', and 'ROLE-PLAYING GAMES'. Each section has a title and a brief description. At the bottom, there's a newsletter sign-up form with fields for email and a 'Sign Up' button.

**THE DRAGON'S KEEP**

We've been serving Utah Valley for 30 plus years. Bringing comics, card games, miniature games, role-playing games, and your favorite board games! We are located in throughout Utah County, at convenient locations for all your needs! Come say hello and join the family!

**Store Locations**

**ABOUT US**

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**JOIN OUR NEWSLETTER!**

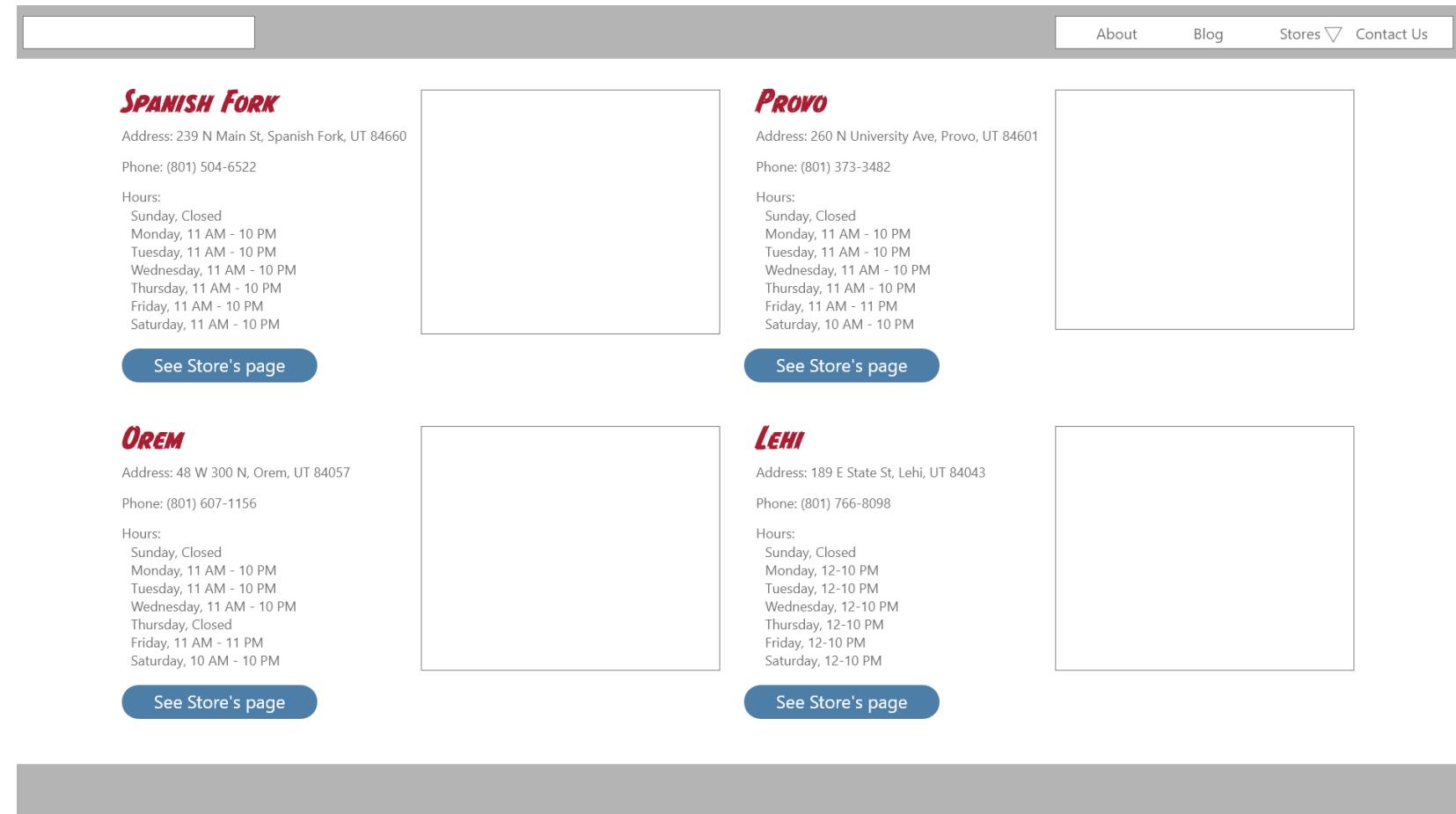
Join our newsletter to receive updates on events, sales, and new products we receive in each of our stores!

## Fig 6. Blog Page

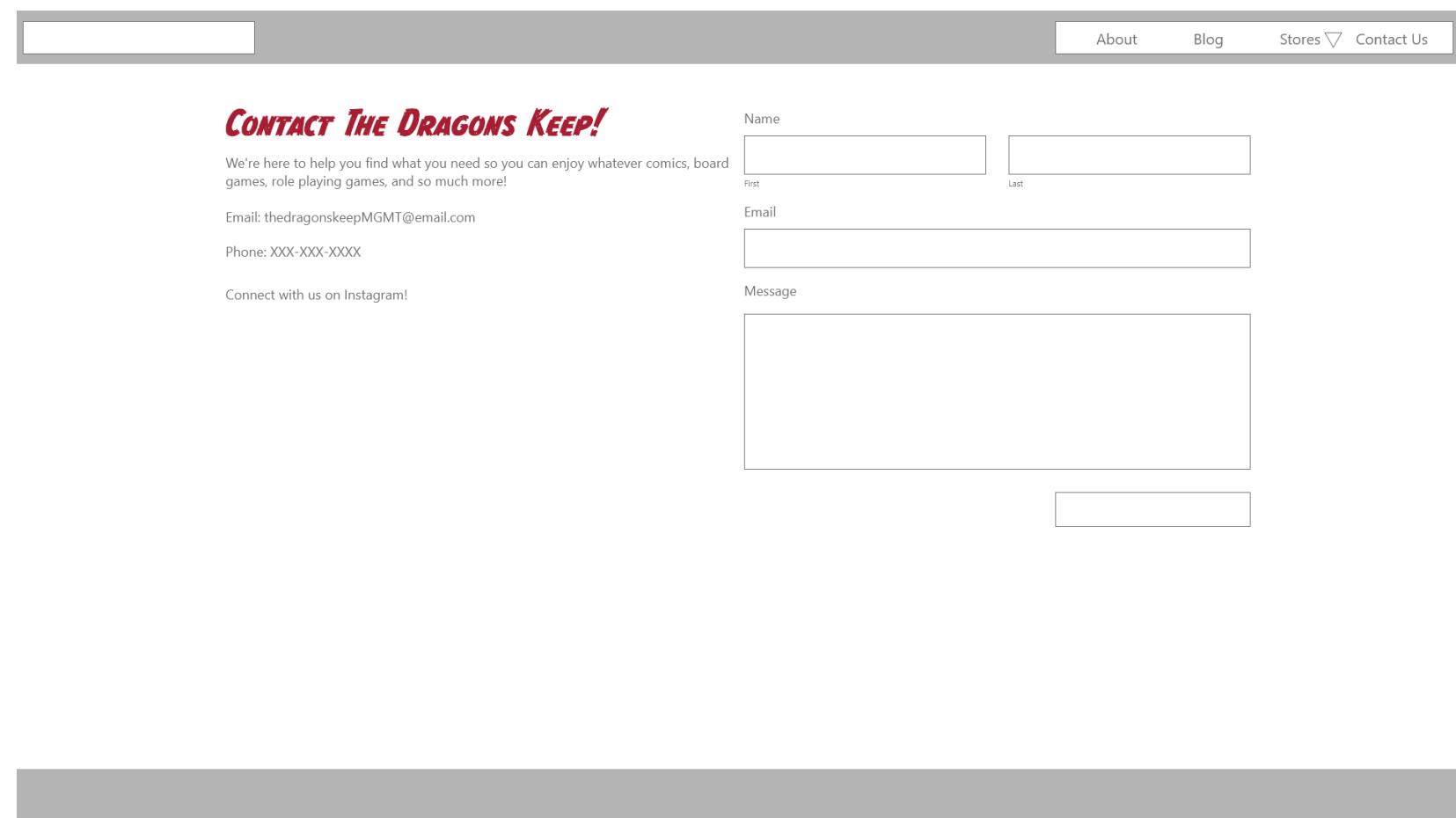
The screenshot shows a blog page with a light gray header bar containing navigation links: About, Blog, Stores ▾, and Contact Us. Below the header, there is a large red rectangular placeholder area. To the left of this area, a blog post is displayed with the title "MARVEL COMICS: SHANG CHI" in bold red text, followed by the date "September 1, 2021". A brief description follows: "In celebration of the new Shang Chi movie coming out, as fans of the comics, we wanted to help introduce who Shang Chi is to those who haven't read his comic books." Below this main section, there is a grid of four smaller blog posts, each consisting of a red placeholder image and a brief description. The first post is titled "DUNGEONS AND DRAGONS" with the date "August 15, 2021". It describes D&D's popularity and provides an introduction. The second post is titled "MARVEL COMICS: SPIDER MAN" with the date "July 16, 2021". It introduces Spider-Man from his first appearance to the most recent comic run. The third post is titled "DC: INJUSTICE" with the date "July 1, 2021". It discusses the Injustice comic book run, which is described as infamous. The fourth post is titled "DC: BATMAN" with the date "May 12, 2021". It celebrates the upcoming Batman movie starring Robert Pattinson and provides a rundown of what fans can expect.

Post Title	Date	Description
DUNGEONS AND DRAGONS	August 15, 2021	D&D has been around for years, but recently it has been popular again. Here is an intro on how to play D&D, so you and your friends can explore all of your fantasies.
MARVEL COMICS: SPIDER MAN	July 16, 2021	A introduction to everything about who and what Spider Man is, from first appearance to most recent comic run. This will catch you up to speed on everything you need to know about Spider Man.
DC: INJUSTICE	July 1, 2021	The Injustice comic book run is an infamous series. Here is a review and synopsis of what we thought about the run.
DC: BATMAN	May 12, 2021	In celebration of the upcoming Batman movie starring Robert Pattinson, we wanted to provide a rundown of what we think this Batman movie will be drawing inspiration from the comic books.

## Fig 5. Landing Page LoFi, Option #2



## Fig 5. Landing Page LoFi, Option #2



## Lessons Learned and Conclusion

At the end of this assignment, and given my time frame, I'm not the happiest with the design I came up with. I wish I had more time available to me, and that is due to time management with other issues that aren't related to work or school. But, that doesn't mean I didn't learn a lot from this and matured a bit like a developer I reckon as well. I was tasked to re-build/re-design a site that was poorly made, and luckily there was one that I think is an opportunity for me. It was this site for Dragon's Keep and they're a local business that needs a proper site. So, since they were a local business I wanted to treat this project as something I would learn from and then develop more to pitch to this business as their new website. I think this is a golden opportunity for real-world experience.

With what I have on the site right now for sure shouldn't be a final product, in my opinion, but it was to achieve what was tasked for the assignment. However, what was required of the assignment--hero images, sub-nav system, lazy load, and more--were things that this site needed to bring life to it. I know I'm on the right path to get this site and project looking better and prepped for my attempt to pitch this site to their business. I learned how to load content in a grid pattern, I have more of a pleasing color palette to look at, and offered simplicity to the site. In conclusion, I'm confident in my abilities to use SCSS to have a more complex and responsive site and I also have developed my understanding of Javascript, thanks to me challenging myself with using Javascript instead of HTML hardcoding. I've also gained a stronger understanding of how powerful CSS is, especially with using Display: Grid. I'll be taking what I learned here and developing this site further to be prepped to pitch it to this local business, that is because I think I want more time to fine-tune it and make it 110% better than what it is now. However, I'm happy with what I got because I think it shows where I'm at with my skills and education up to this point.