**Part 1:**

**My site is called “Lost In Iceland”, the content is a road trip itinerary around the country. People who are interested in going on a road trip around Iceland can refer to this site and plan their trip. I hoped to make this site engaging and interesting by adding pictures that I took on my road trip. Hopefully the users would have an immersive feeling from my site with the help of these visual aids. I also used high quality maps, so that the site looks more aesthetically pleasing.**

**Part 2:**

* **Scrolling and side bar animation**
  + **All the content on the site is on one page. When the user scroll through and read about the different stops on this road trip the side bar on the left side on the screen also changes. Indicating the progression of this road trip.**
* **Light box album**
  + **On the section “The Origin: Reykjavík”, the 4 thumb nails on the bottom are clickable. When the users clicks on the pictures a modal with a picture slide show would appear.**

**Part 3:**

* **Name of Tool: Mapbox API**
* **Why you chose it:**

**To describe a road trip experience I think it is very important to show the audience a map to help them build a mental model the geographic relationships between the different locations I am describing. I chose this particular map library because they have a lot of map styles to choose from.**

* **How you used it:**
  + **I used it to add the map of Iceland at the very beginning of the website**
  + **I also used it to add a map illustrating each leg of the trip.**
  + **I also added the animated lines on the map through the library. However the method I am using right now is not the most ideal method. I should be able to draw and animate geojson polyline, but I did not figure out how to write it. This would be something that I would look into in winter break, right now it is done by having some animated frames attached to 4 coordinates on the map.**
* **What it adds to your website?**
  + **I am very happy with quality of the maps. Besides helping users understand the geography of Iceland, It serves as a good looking page breaker between each leg of the trip.**
* **Name of Tool: Skrollr.js**
* **Why you chose it:** 
  + **It is a scrolling library**
* **How you used it:**
  + **The vertical bar indicating the progress of the trip is animated using skrollr.js**
  + **For each big map section I used an animated blue transparency over it, so when the user scrolls to that part of the screen the transparency creates a revealing affect.**
* **What it adds to your website?**
  + **I chose to use the one page layout because a road trip is very linear and I think it is a good way to communicate the experience. Using a scroll library like skrollr.js helped me make this linear website more interesting.**

**Part 4:**

**There are two things that I changed from my original prototype. First of all in my prototype I made a video of showing that there would be a one page scroll and the elements on the page would fly into the screen when each scroll is visible. However when I added more pages I find the animations to be too annoying so I took it out.**

**Also in my prototype I said that I wanted to learn the greensock animation API, however the features that I wanted were not free, so I didn’t use it in the end.**

**Part 5:**

**The biggest challenge I faced was figuring out how to add the line animation to my map. I didn’t want to use .svg animation because I thought it would be hard to make sure that the animation is at the right position when if I want to make the map responsive. But I looked at the documentation on the website and the example they gave was drawing a cosine line starting from a coordinate, they also had an example of using geoJson data to draw a polyline linking several coordinates. However I wasn’t able to figure out how to make geoJson polylines animated. So right now I only used my “work-around” method to animate the first two maps. I would like to spend some time over break and figure out a better way to animate these lines. Right now, I can tell that making these first two lines move is already taking a lot of computing power on my computer.**

**Also I planned to add video to the site, I did not have the time to convert my videos so far and a lot of the text is still filter text. I plan to spend more time populating the content, adding videos and more pictures to the site.**