Jamie Robinson

DIG 540 Fall 2020

Final

Artifacts

I focused my database on Native American artifacts, building a basic structure of basic date, image, tribe, description, materials, and location. I broke out the material and tribe information into their own tables, hoping to create the ability to search based on materials, tribe, and artifact. The thought behind this was an assumption that the main research interest would be form of artifact, material make-up, and/or tribe affiliation. In building the structure, I created a image file within the exhibit to house individual jpg images for each of the items and attempted to build the links into the database to allow for the image and data to be self contained on a single item page or in the complete list of artifacts.

While the majority of the challenge I faced was simply my lack of experience with PHP, I did run into some structural challenges in the set-up of the tables and foreign keys and within importing the data effectively. Once those were successful the issues of retrieving the information and the ability to see the images became my focus. I somehow managed to make the materials a hyperlink but not the image structure so I was unsuccessful with quite a bit of this.