Joe Lee

9/16/13

Today, we met with Dr. Boehner to give him some info about some of the things we would be working on in the coming week. The key things are to meet with the client who is apparently a very good client and meet with Kyle who will be working as a TA for us. The focus of this week will be researching and gathering info about the project.

9/18/13

Today, we met with Kyle, and he went into some basic detail about the project that he worked on that we will be continuing. Basically, it’s a web app using Ruby on Rails with a MongoDB backend. He will be providing us with all the code and help us along the way. Also, Nick met with Elmer (our client) yesterday. Elmer wants this app to work on mobile devices, so we can take one of two paths. We can either optimize the web app to work well with mobile devices or we can build a separate app for mobile phones. Particularly, Elmer seems to want an app for Android.

9/23/13

Today, we met with Dr. Boehner for our second meeting. We told him about everything we’ve learned the past week. We just need to get licenses for RubyMine which will be our main IDE for Rails development. We will also need to look into security since the project we will be working on will have some prominent collectors and museums worldwide. An idea was to use Kerberos for user authentication. We have planned a meeting with Elmer and Kyle this Wednesday.

I have also downloaded/installed RoR, RubyMine, MongoDB, and Git for my Windows machine. I am not really planning to develop in Ubuntu since I can do everything on Windows. If this proves to be a problem in the future, I will make the switch. But for now, everything seems to be going smoothly.

10/6/13

So, I was able to add all files and commit them to the github repository. The only thing that needs to be done is to get the licenses resolved as well as set up an external server with basic security. On the most basic level, the server has a functionality known as “denyhosts” where you can specify which hosts or ip addresses you don’t want accessing the server. You can also “allow” hosts the same way. Vuurmuur seems too tedious.

10/13/13

Darryl pointed us towards using a firewall for basic security, so that all ports besides the most basic are blocked. This firewall is known as UFW. I was able to set up the server and install all necessary modules and software. I also placed all our git stuff on the server as well. I also tested running the web app on the localhost along with the mongodb database. It worked!

10/18/13

Today, David and I populated the database with more testing data. We also looked around the code to see how the code did logins. We also investigated the various MVC modules.