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Professor Akbas

CS 491 - Group 6

3/23/22

Engineering Notes

**1/13/22:**

The first meeting of this semester was spent going through goals for the upcoming sprints. Additionally, a new professor would be helping us continue forward. By next meeting we need to complete the backlog for this semester.

**1/18/22:**

This meeting it we went over how we wanted each sprint to broken down, and it was decided that we would chunk down smaller tasks for each person to be put in the backlog.

**1/20/22:**

This semester we decided that half the team would come to class on Tuesdays and the other half on Thursdays. This makes it easier for the teams’ schedules. Anthony and I are going to work on the log server later, but will continue with documentation and research for the moment. We also discussed how to make the bill of materials needed and who would create it.

**1/27/22:**

We need to focus on how Boeing wants us to set up our network with a CTF game in mind. We need to make it accessible and not too hard to get into, but still model what a network should look like. We also need to figure out where flags will be placed, and if it will be possible to give flags for certain interactions with the server.

**2/3/22:**

We discussed implementation of the cloud software, and how our progress is going since we are almost done with the first sprint. We have the demo next week so we need to work on the slideshow.

**2/8/22:**

Nothing new.

**2/10/22:**

Others were focused on completion of documentation. Anthony and I discussed how we would present a possible log server, what would be used for it, and how it would be implemented.

**2/17/22:**

Apparently we cannot get a physical implementation of our cloud based VM host set up because it would take far too long as a result of a supply short on computer parts. Also reviewed what goals were missed in our first sprint this semester.

**2/24/22:**

Other than research on the log server, and Anthony setting it up we aren’t doing much because everyone is incredibly busy. We are still waiting on a final bill of materials to send to Professor Akbas.

**3/7/22:**

Due to other classes and personal problems I haven’t been able to meet up with the group for a while, I’m not sure when I will be able to again. I think things should calm down after spring break.

**3/11/22:**

The group presented today, but I am currently in Ohio because of a family problem. For the moment I will have to help from at home because I need to watch my younger brothers.

**3/15-17: Spring Break**

**3/19-3/21/22:**

Working with everyone to put together a CTF plan, as in how it will be conducted. It seems like we are going to have encryption keys hidden in our environment for the other team (Prescott) to find and then decrypt. We shared all this info with Prescott and Boeing in a meeting on Wednesday.

**3/29-3/31/22:**

The team is waiting to get our cloud services up and running, until we have access to that we can’t really do anything for the moment.

**4/05-4/07/22:**

Still no cloud server to do anything on, for the moment we are just working on updating documentation. In the mean time we have all been busy so we haven’t really been meeting lately.

**4/12-4/14/22:**

The cloud server is up and running so we are rushing to make accounts today and over the weekend. We will try and get everything together as well. Matthieu and I are going to be working on the MITM attack to try and put a flag in there for Prescott to find.