

Week 1 report

Subject: Security and Privacy Modeling and Implementation with ALFA and Fabric 24th January – 28th January weekly report

Body:

Introduction to the course by Dr. Kewei Sha:

The class held virtually. The course was introduced by the professor. All the students were asked to introduce themselves to the class. The students showcased their interest, strengths and weaknesses to the class. Later the professor explained about the projects available for the students under this course. At the end of the class students were asked to submit the initial survey for determining the team and the project.

At the evening of the class day, the professor published the list of teams and assigned project.

As per the list, this group which include following members were assigned with the “Security and Privacy Modeling and Implementation with ALFA and Fabric”.

1. Siddartha Illa
2. Venkata Naga Bhaavagni Maddi
3. Farhana Begum Shaik
4. Sripada Vallabh Kaparathi
5. Ganesh Nyaupane

After the team assignment the internal meeting was called by the team members to discuss upon the vision of the project and meeting with mentor.

Accomplished Items:

1. Setup the network for few systems.
2. First Mentor Meeting with Dr. Bun Yue and Dr. Kewei Sha.
3. First Meeting with RA's to discuss and share the knowledge about blockchain.
4. Understanding Basics and applications of Blockchain.
5. Collection of past project resources from the previous team.

Active Item:

1. Collecting resources for the website.
2. Testing the basic test network sample.
3. Setup the past project.
4. Getting initial question asked to the RA's.
5. Assigning roles and responsibilities to each team member

Planned Items:

1. Setting up the ALFA plugin with eclipse.
2. Run and execute the past project.
3. Getting hands on with ALFA.
4. Use Case diagram.
5. Security Policy in English.
6. Building Website.
7. Learning about ALFA, Smart Contract.
8. Writing sample smart Contract.