



CSE 543: Information Assurance and Security

Using Blockchain and Machine Learning to significantly improve the security of Cloud-based systems.

Group 14 Weekly Report - 3

Person prepared this report: Aditi Shashank Joshi and Sujana Duvvuri Venkateswarlu

Person approved this report: Dheeraj Neela

Person submitted this report: Dheeraj Neela

List of members

1. Dheeraj Neela (Group Leader)
2. Sai Greeshma Gandham (Deputy Leader)
3. Disha Prakash Bhukte
4. Meghana Amirineni
5. Aditi Shashank Joshi
6. Sujana Duvvuri Venkateswarlu
7. Akhil Kumar Gudipoodi

Meeting Notes

1) 01/31/2022 - 1:00 PM

Finalized project proposal and submission of the final proposal.

2) 02/01/2022 – 11:00 PM

Weekly report submission.

2) 02/02/2022 - 11:00 AM

Review session with professor regarding the project proposal.

3) 02/02/2022 - 5:00 PM

Discussion with other team members as the topic chosen was similar.

4) 02/03/2022 - 10:30 AM

Finalized the project topic after discussing with the other team members and the TA.

5) 02/07/2022 - 11:45 AM

Discussion with team regarding the current status and updates if any.

Tasks Summary

Task Number	Task Name	Details of Task	Member	Status
1	Submission of the final project proposal.	Reviewing the report, making changes, and finalizing it	Dheeraj Neela and Sai Greeshma Gandham	Completed
2	Discussions with the professor regarding the proposal.	Discussed with the professor the project proposal and the queries regarding it.	Everyone	Completed
3	Discussion with the TA	Discussion with the TA regarding the similarity of the topics between 2 teams.	Everyone	Completed
4	Discussion with other team members	Had discussion sessions with other teams where we discussed about our topics and the similarities	Everyone	Completed
5	Gathered research papers related to Blockchain.	Analyze some existing cloud based detection systems using block chain	Meghana Amirineni and Sujana Duvvuri Venkateswarlu	In progress

6	Gathered research papers related to Machine Learning.	Analyze some existing cloud based detection systems using machine learning	Akhil Kumar Gudipoodi	In progress
7	Study related to common threats and vulnerabilities.	Did some research on various threats to data and common attacks.	Dheeraj Neela	In progress
8	Gathered research papers related to Machine Learning.	Analyze some existing cloud based detection systems using machine learning	Disha Prakash Bhukti and Aditi Shashank Joshi	Completed

Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommended Action
Project proposal submission	Dheeraj Neela	01/31/2022	Dheeraj Neela and Sai Greeshma Gandham	Satisfactory	No Action required
Individual task review	Everyone	02/03/2022	Everyone	Needs work	Needs improvement
Individual task review	Everyone	02/07/2022	Dheeraj Neela and Sai Greeshma Gandham	Needs work	More in depth reading required

Gantt chart for showing the major tasks:

Task Name		Jan 30							Feb 6						
		S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	Submission of the final project proposal.														
2	Discussions with the professor regarding the proposal.														
3	Discussion with the TA														
4	Discussion with other team members														
5	Gathered research papers related to Blockchain.														
6	Gathered research papers related to Machine Learning.														
7	Study related to common threats and vulnerabilities.														
8	Gathered research papers related to Machine Learning.														

Issues

No Issues