



CSE 543: Information Assurance and
Security

**Provisioning and De-provisioning for Identity Management in
Cloud Computing from Service Provider's Perspective Using
Blockchain and Machine Learning**

CSE543 Group 2-1 Weekly Report - 6

Person prepared this report: Naveen Aaditya Chitirala, Kasi Kishore Ravuri

Person approved this report: Akash Roshan Mund (Leader)

Person submitted this report: Akash Roshan Mund

List of members

1. Akash Roshan Mund (Leader)
2. Bhavani Priya Kuche (Deputy Leader)
3. Amey Bhilegaonkar
4. Rohit Vishwanath Badugu
5. Naveen Aaditya Chitirala
6. Kasi Kishore Ravuri
7. Mahita Singamsetty

Meeting Notes

1)09/29/2022 - 6:00 PM
Zoom Meeting – All present
Agenda:

1. Discuss the overall progress of in-depth study
2. Shared learning points with each other

2) 10/01/2022 - 4 PM

Zoom Meeting – All present

Agenda:

1. Discussed issues faced during the process of in depth study
2. Discussed about the format of writing in depth report and drafted the initial proposal

3) 10/05/2022 - 4 PM

In Person Meeting – All present

Agenda:

1. We finalized the in depth report and summarized the study reports and planned for reviewing the report.
2. Decided the timeline for individual report submissions and review.

Tasks Summary

Task Number	Task Name	Details of Task	Member	Status
1	In depth study and report making – paper[8] Identity management based security architecture of cloud computing on multi-agent systems	Paper Title - Paper [8] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Akash Roshan Mund Amey Bhilegaonkar	In progress

2	<p>In depth study and report making – paper[9]</p> <p>Assessing the Risks and Opportunities of Cloud Computing-Defining Identity management Systems and Maturity Models</p>	<p>Paper Title - Paper [9] – (Refer Below)</p> <p>Perform an In-depth study of the paper</p> <p>Creating a detailed report on the paper</p>	<p>Rohit Vishwanath Badugu</p> <p>Naveen Aaditya Chitirala</p>	In progress
3	<p>In depth study and report making – paper[10]</p> <p>An Identity and Access Management Architecture in Cloud</p>	<p>Paper Title - Paper [10] – (Refer Below)</p> <p>Perform an In-depth study of the paper</p> <p>Creating a detailed report on the paper</p>	<p>Kasi Kishore Ravuri</p> <p>Mahita Singamsetty</p> <p>Bhavani Priya Kuche</p>	In progress
4	<p>In depth study and report making – paper[11]</p> <p>Secure identity management in mobile cloud computing</p>	<p>Paper Title - Paper [11] – (Refer Below)</p> <p>Perform an In-depth study of the paper</p> <p>Creating a detailed report on the paper</p>	<p>Akash Roshan Mund</p> <p>Amey Bhilegaonkar</p>	Not Started
5	<p>In depth study and report making – paper[12]</p> <p>An Entity-Centric Approach for Privacy and Identity Management in Cloud Computing</p>	<p>Paper Title - Paper [12] – (Refer Below)</p> <p>Perform an In-depth study of the paper</p> <p>Creating a detailed report on the paper</p>	<p>Rohit Vishwanath Badugu</p> <p>Naveen Aaditya Chitirala</p>	Not Started
6	<p>In depth study and report making – paper[13]</p> <p>A model for identity management with privacy in the cloud</p>	<p>Paper Title - Paper [13] – (Refer Below)</p> <p>Perform an In-depth study of the paper</p> <p>Creating a detailed report on the paper</p>	<p>Kasi Kishore Ravuri</p> <p>Mahita Singamsetty</p> <p>Bhavani Priya Kuche</p>	Not Started

7	Review of Reports of each member from the in-depth analysis	<p>Review tasks are assigned accordingly</p> <p>Created by Reviewed by</p> <p>Akash,amey kasi,Mahita</p> <p>Rohit, Naveen priya, akash,amey</p> <p>Kasi, Priya, Mahitha Naveen, Rohith</p> <p>A review report needs to be submitted</p>	All	In progress
8	Summarize reports to get brief idea of all the papers	Take notes on each paper and decide how can be used to solve the problem statement in hand	All	Due by 13 th October
9	Weekly report Creation and Review	<ol style="list-style-type: none"> 1. Reviewing the report 2. making changes, and finalizing it 	Akash Roshan Mund Amey Bhilegaonkar,	Completed

Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommended Action
Review of Reports of each member from the in-depth analysis	All members according to distribution of the task	10/06/2022	All members according to distribution of the task	Satisfactory	Accept
In depth study and report making - Paper[8]	Akash Roshan Mund Amey Bhilegaonkar	10/06/22	Kasi Kishore Ravuri Mahita Singamsetty	Incomplete	More through work
In depth study and report	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	10/06/22	Bhavani Priya Kuche	Incomplete	More through work

making - Paper[9]			Akash Roshan Mund Amey Bhilegaonkar		
In depth study and report making - Paper[10]	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche	10/06/22	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	Incomplete	More through work
In depth study and report making - Paper[11]	Akash Roshan Mund Amey Bhilegaonkar	10/06/22	Kasi Kishore Ravuri Mahita Singamsetty	Not started	Not Started Due on 10/13/22
In depth study and report making - Paper[12]	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	10/06/22	Bhavani Priya Kuche Akash Roshan Mund Amey Bhilegaonkar	Not started	Not Started Due on 10/13/22
In depth study and report making - Paper[13]	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche	10/06/22	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	Not started	Not Started Due on 10/13/22
Summarize reports to get brief idea of all the papers	All	10/06/22	Akash Roshan Mund	Not started	Due on 13 th October (Not yet started)
Weekly report Creationing and review	Naveen Aaditya Chitirala Kasi Kishore Ravuri	10/06/22	Akash Roshan Mund	Satisfactory	Accept

Issues

1. Slow down in weekly progress in the project due to scheduled midterm preparation.

Gantt chart for showing the major tasks

CSE 543: GROUP 2-1
Arizona State University
Weekly Report 5

Project Start: Thu, 9-1-2022
Today: Sun, 10-30-2022
Display Week: 1

				Aug 29, 2022	Sep 19, 2022	Sep 26, 2022	Oct 3, 2022	Oct 10, 2022	Oct 17, 2022
				1 4	25	27 1 2	9	16	23
				M T W T F S S	M T W T F S S	M T W T F S S	M T W T F S S	M T W T F S S	M T W T F S S
TASK	ASSIGNED TO	PROG. CMT.	START	END					
In depth study and report making - Mahita Singamsetty	Mahita Singamsetty	100%	9-19-22	9-27-22					
In depth study and report making - h Roshan Mund , Amey Bhilegaor	h Roshan Mund , Amey Bhilegaor	0%	9-27-22	10-6-22					
In depth study and report making - shore Ravuri .2.Naveen Aaditya Ch	shore Ravuri .2.Naveen Aaditya Ch	0%	9-27-22	10-6-22					
In depth study and report making - 3.Kasi Kishore Ravuri , Mahita Singamsetty , Bhavani Priya Kuche	3.Kasi Kishore Ravuri , Mahita Singamsetty , Bhavani Priya Kuche	0%	9-27-22	10-6-22					
Review of Reports of each member	Everyone	100%	9-27-22	9-29-22					
Summarize reports to get brief idea	Everyone	100%	9-29-22	10-6-22					
Project Report annd Weekly Report Work 6									
In depth study and report making - P:h Roshan Mund , Amey Bhilegaor	P:h Roshan Mund , Amey Bhilegaor	60%	9-27-22	10-6-22					
In depth study and report making - P:awanath Badugu , Naveen Aaditya	P:awanath Badugu , Naveen Aaditya	60%	9-27-22	10-6-22					
In depth study and report making - P: Kasi Kishore Ravuri , Mahita Singamsetty	Kasi Kishore Ravuri , Mahita Singamsetty	60%	9-27-22	10-6-22					
Finalizing research Materials	an Aaditya Chitrala, Mahita Singa	100%	9-30-22	10-4-22					
In depth study and report making - P:h Roshan Mund , Amey Bhilegaor	P:h Roshan Mund , Amey Bhilegaor	0%	10-5-22	10-13-22					
In depth study and report making - P:awanath Badugu , Naveen Aaditya	P:awanath Badugu , Naveen Aaditya	0%	10-5-22	10-13-22					
In depth study and report making - P: Kasi Kishore Ravuri , Mahita	Kasi Kishore Ravuri , Mahita	0%	10-5-22	10-13-22					
Review of Reports of each member fr	Everyone	0%	10-6-22	10-8-22					
Summarize reports to get brief idea o	Everyone	0%	10-6-22	10-13-22					
Project Report annd Weekly Report Work									
Use/Applications of ML in IAM Syst	TBD		9-1-22	10-20-22					
Use/Applications of Block Chain in	TBD		9-2-22	10-20-22					
Exploration of threats and attacks ir	TBD		9-3-22	10-20-22					
Techniques to prevent different typ	TBD		9-4-22	10-20-22					
Techniques to prevent different types of Attacks using BC	TBD		9-5-22	10-20-22					
Exploration of different measures, researh papers on topics related to IAM System in Cloud	TBD		9-6-22	10-20-22					
	TBD		9-7-22	10-20-22					
	TBD		9-8-22	10-20-22					

ProjectSchedule About