



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 - 4

Person prepared this report: Amey Bhilegaonkar, Akash Roshan Mund

Person approved this report: Akash Roshan Mund

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)09/16/2022 - 6:00 PM
Zoom Meeting – All present
Agenda:

1. We discussed about the project proposal review and enhancement.
2. We discussed and distributed this week's tasks among the team members.

2) 09/18/2022 - 7:30 PM

Zoom Meeting – All present

Agenda:

1. We finalized the project proposal and discussed over the topics and papers we need to go through.
2. We also had a brainstorming over, the topics we had studied from the last meeting till this day.
3. We distributed tasks to gather all learning materials needed for research and exploration.

3) 09/21/2022 - 6:00 PM

In Person Meeting – All present

Agenda:

1. We finalized and distributed one study/topic paper to each one of the team members for in depth review and study the topic.
2. Finalized the timeline for individual report submissions and review.

Tasks Summary

Task Number	Task Name	Details of Task	Member	Status
1	Project Proposal Finalization	<ol style="list-style-type: none">1. Revised the project proposal according to review and feedback comments.2. Update the project motivation.	<ol style="list-style-type: none">1. Rohit Vishwanath Badugu2. Bhavani Priya Kuche	Completed
2	Finalizing Research Materials	<ol style="list-style-type: none">1. Researched and explored study and technical papers, gathered all necessary and relevant papers.2. Combined a list of all papers from team members and shortlisted the papers to study for the week.	<ol style="list-style-type: none">1. Naveen Aaditya Chitirala2. Mahita Singamsetty	Completed

3	Distribution of Tasks	1. Assigning research papers to study to each member.	1. Akash Roshan Mund	Completed
4	In depth study and report making - Paper[1]	Paper Title - Paper [1] – (Refer Below) 1. Perform an In-depth study of the paper 2. Creating a detailed report on the paper	1. Amey Bhilegaonkar	In Progress (Due by: 27 Sept)
5	In depth study and report making - Paper[2]	Paper Title - Paper [2] – (Refer Below) 3. Perform an In-depth study of the paper 4. Creating a detailed report on the paper	Akash Roshan Mund	In Progress (Due by: 27 Sept)
6	In depth study and report making - Paper[3]	Paper Title - Paper [3] – (Refer Below) 5. Perform an In-depth study of the paper 6. Creating a detailed report on the paper	Bhavani Priya Kuche	In Progress (Due by: 27 Sept)
7	In depth study and report making - Paper[4]	Paper Title - Paper [4] – (Refer Below) 7. Perform an In-depth study of the paper 8. Creating a detailed report on the paper	Rohit Vishwanath Badugu	In Progress (Due by: 27 Sept)

8	In depth study and report making - Paper[5]	Paper Title - Paper [5] – (Refer Below) 9. Perform an In-depth study of the paper 10. Creating a detailed report on the paper	Naveen Aaditya Chitirala	In Progress (Due by: 27 Sept)
9	In depth study and report making - Paper[6]	Paper Title - Paper [6] – (Refer Below) 11. Perform an In-depth study of the paper 12. Creating a detailed report on the paper	Kasi Kishore Ravuri	In Progress (Due by: 27 Sept)
10	In depth study and report making - Paper[7]	Paper Title - Paper [7] – (Refer Below) 13. Perform an In-depth study of the paper 14. Creating a detailed report on the paper	Mahita Singamsetty	In Progress (Due by: 27 Sept)
11	Review of Reports of each member from the in-depth analysis	Review tasks are assigned accordingly Created by Reviewed by Akash Mahita Mahita Akash Amey Rohit Rohit Amey Naveen Priya Priya Naveen Kasi Akash A review report needs to be submitted	All	Not Started(Sept 27) Due On 29th Sept

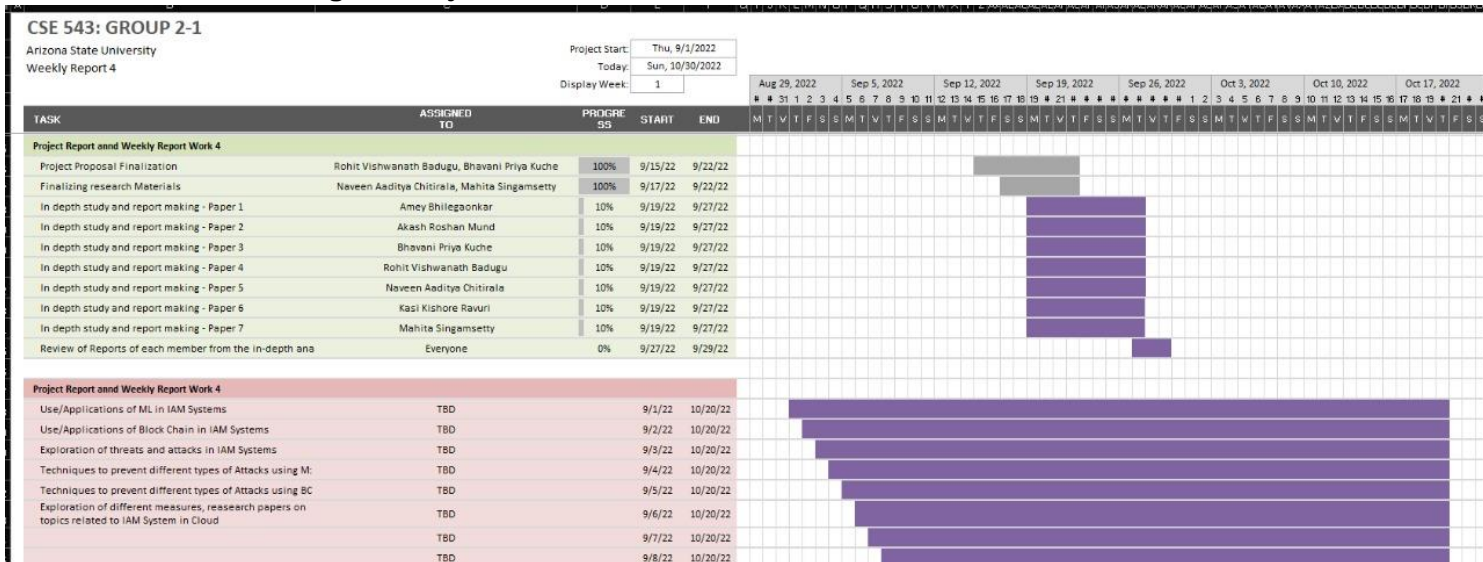
12	Weekly report Creation and Review	1. Reviewing the report 2. making changes, and finalizing it	1. Akash Roshan Mund 2. Amey Bhilegaonkar,	Completed
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Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommended Action
Project Proposal Finalization	Rohit Vishwanath Badugu, Naveen Aaditya	09/22/2022	R Rohit Vishwanath Badugu Bhavani Priya Kuche	Satisfactory	Accept
Finalizing Research Materials	Naveen Aaditya Chitirala Mahita Singamsetty	09/22/2022	Naveen Aaditya Chitirala Mahita Singamsetty	Satisfactory	More Through Work
Distribution of Tasks	Akash Roshan Mund	09/22/2022	Akash Roshan Mund	Satisfactory	Accept
Review of Reports of each member from the in-depth analysis	All members according to distribution of the task	09/22/2022	All members according to distribution of the task	Satisfactory	Accept

In depth study and report making - Paper[1]	Amey Bhilegaonkar	09/22/22	Rohit Vishwanath Badugu	Satisfactory	Accept
In depth study and report making - Paper[2]	Akash Roshan Mund	09/22/22	Mahita Singamsetty	Satisfactory	Accept
In depth study and report making - Paper[3]	Bhavani Priya Kuche	09/22/22	Naveen Aaditya Chitirala	Satisfactory	Accept
In depth study and report making - Paper[4]	Rohit Vishwanath Badugu	09/22/22	Amey Bhilegaonkar	Satisfactory	Accept
In depth study and report making - Paper[5]	Naveen Aaditya Chitirala	09/22/22	Bhavani Priya Kuche	Satisfactory	Accept
In depth study and report making - Paper[6]	Kasi Kishore Ravuri	09/22/22	Akash Roshan Mund	Satisfactory	Accept
In depth study and report making - Paper[7]	Mahita Singamsetty	09/22/22	Akash Roshan Mund	Satisfactory	Accept
Weekly report Creationg and review	Akash Roshan Mund Amey Bhilegaonkar,	09/14/22	Akash Roshan Mund Bhavani Priya Kuche	Satisfactory	Accept

Gantt chart for showing the major tasks



Issues

1. No Issues

Paper Reference Lists:

Paper[1]:

[1] Bharat bhargava, Noopur Singh and Asher Sinclair, "Privacy in Cloud Computing Through Identity Management", pp. 1-6.

<https://apps.dtic.mil/sti/pdfs/ADA552741.pdf>

Paper[2]:

[2] Indu, P.M. RubeshAnand and VidhyacharanBhaskar, "Identity and access management in cloud environment: Mechanisms and challenges", Volume 21, Issue 4, August 2018.

<https://www.sciencedirect.com/science/article/pii/S2215098617316750>

Paper[3]:

[3] Ashish Singh and Kakali Chatterjee, "Identity Management in Cloud Computing through Claim-Based Solution", Apr 2015.

<https://ieeexplore.ieee.org/document/7079139>

Paper[4]:

[4] Alina Mădălina Lonea, Huaglory Tianfield & Daniela Elena Popescu, "Identity Management for Cloud Computing", volume 417.

https://link.springer.com/chapter/10.1007/978-3-642-28959-0_11

Paper[5]:

[5] Kumar Gunjan, G.Sahoo and R.K.Tiwari, "Identity Management in Cloud Computing –A Review", Vol. 1 Issue 4, June - 2012.

<https://www.ijert.org/research/identity-management-in-cloud-computing-a-review-IJERTV1IS4096.pdf>

Paper[6]:

[6] Indu and P. M. Rubesh Anand, "Identity and access management for cloud web services", June 2016.

<https://ieeexplore.ieee.org/document/7488450>

Paper[7]:

[7]Aashish Bhardwaj and Vikas Kumar, "Cloud security assessment and identity management", March 2012.

<https://ieeexplore.ieee.org/document/6164819>