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 - 8

Person prepared this report: Bhavani Priya Kuche

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)10/13/2022 - 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) 10/17/2022 - 4 PM

Zoom Meeting – All present
Agenda:

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

3) 10/19/2022 - 4 PM

In Person Meeting – All present
Agenda:

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

Tasks Summary

Task Number	Task Name	Details of Task	Member	Status
1	In depth study and report making – paper[11] Secure identity management in mobile cloud computing	Paper Title - Paper [11] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Akash Roshan Mund Amey Bhilegaonkar	Completed
2	In depth study and report making – paper[12] An Entity-Centric	Paper Title - Paper [12] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	Completed

	Approach for Privacy and Identity Management in Cloud Computing			
3	In depth study and report making – paper[13] A model for identity management with privacy in the cloud	Paper Title - Paper [13] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche	Completed
4	In depth study and report making - paper[14] Identity Analytics - 'User Provisioning'	Paper Title - Paper [14] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu	In-progress
5	In depth study and report making - paper[15] Policy based provisioning and dynamic trust management.	Paper Title - Paper [15] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya Chitirala	In-progress
6	In depth study and report making - paper[16] https://www.novell.com/docrep/documents/h1p4tcg4oo/Trusted_Cloud_Initiative_Identity_Management_Research.pdf	Paper Title - Paper [16] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu	Not Started

7	In depth study and report making - paper[17] https://era.library.ualberta.ca/items/e0cb46ef-903d-4aaa-b0ee-97c0a9102dd1/view/22944ccf-7c20-412f-9536-46ee62a4fa8f/Johnson_2020_Spring_MISSM.pdf	Paper Title - Paper [17] – (Refer Below) Perform an In-depth study of the paper Creating a detailed report on the paper	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya Chitirala	Not Started

8	Review of Reports of each member from the in-depth analysis for papers 8-10	Review tasks are assigned accordingly
		Created by Reviewed by
		  Akash,amey kasi,Mahita
		  Rohit, Naveen priya, akash,amey
		  Kasi, Priya, Mahitha Naveen, Rohith
		
		A review report for papers 8-10 needs to be submitted
			All	Completed

9	Review of Reports of each member from the in-depth analysis for papers 10-12	Review tasks are assigned accordingly
		Created by Reviewed by
		  Akash,amey kasi,Mahita
		  Rohit, Naveen priya, akash,amey
		  Kasi, Priya, Mahitha Naveen, Rohith
		
		A review report for papers 10-12 needs to be submitted
			All	In-progress

10	Review of Reports of each member from the in-depth analysis for papers 13-14	Review tasks are assigned accordingly
		Created by Reviewed by
		   Akash,Amey,Rohit
		Kasi,Mahita, Priya, Naveen
		
		  Kasi, Priya, Mahitha,Naveen Rohit. Amey, Akash
		
		A review report for papers 13-14 needs to be submitted
			All	In-progress

11	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	In-progress

12	Weekly report Creation and Review	1. Reviewing the report 2. making changes, and finalizing it	Akash Roshan Mund Bhavani Priya Kuche,	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	10/13/2022	All members according to distribution of the task	Satisfactory	Accept
In depth study and report making - Paper[8]	Akash Roshan Mund Amey Bhilegaonkar	10/17/22	Kasi Kishore Ravuri Mahita Singamsetty	Satisfactory	Accept
In depth study and report making - Paper[9]	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	10/17/22	Bhavani Priya Kuche Akash Roshan Mund Amey Bhilegaonkar	Satisfactory	Accept
In depth study and report making - Paper[10]	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche	10/17/22	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	Satisfactory	Accept
In depth study and report making - Paper[11]	Akash Roshan Mund Amey Bhilegaonkar	10/17/22	Kasi Kishore Ravuri Mahita Singamsetty	Satisfactory	Accept

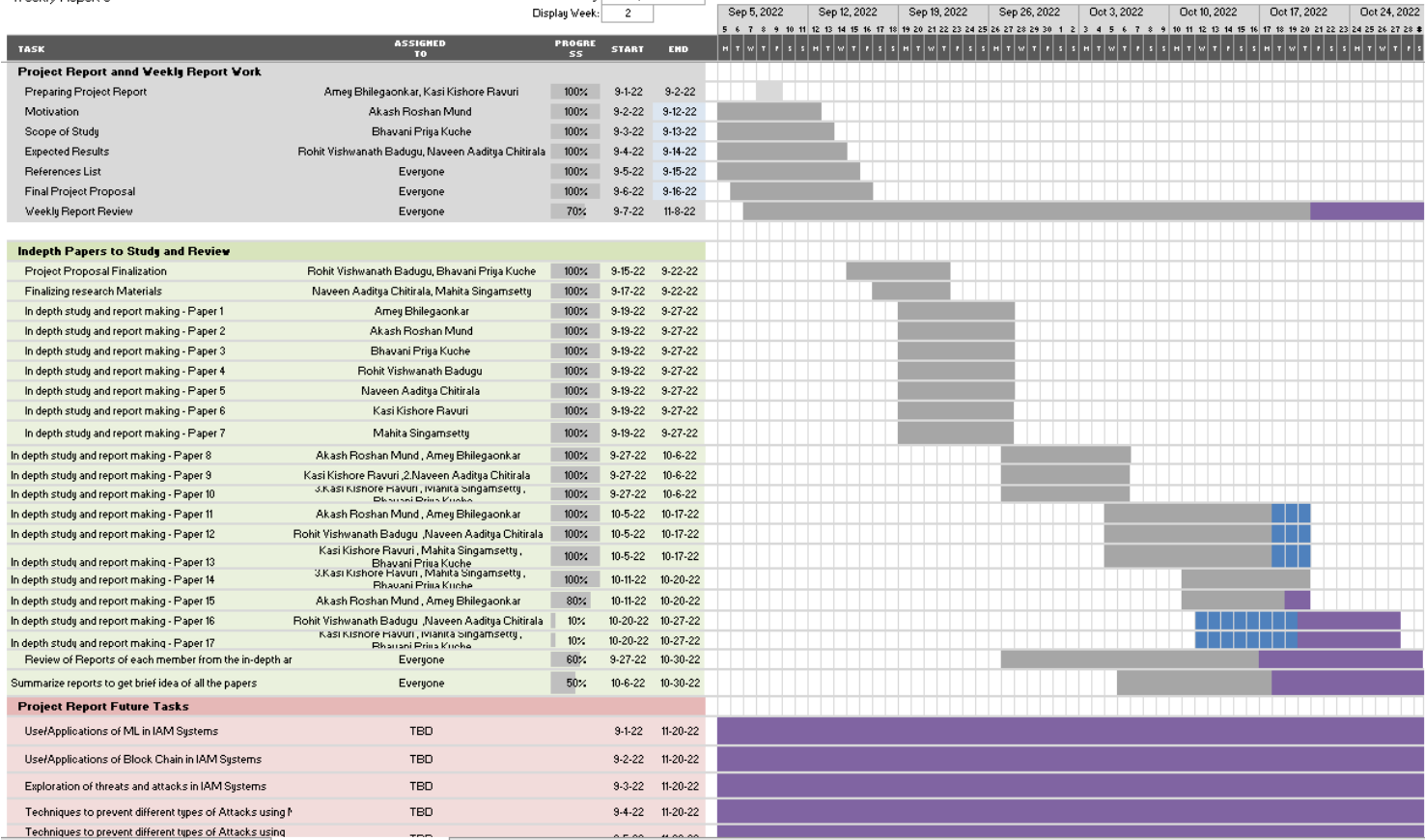|					
In depth study and report making - Paper[12]	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	10/17/22	Bhavani Priya Kuche Akash Roshan Mund Amey Bhilegaonkar	Satisfactory	Accept
In depth study and report making - Paper[13]	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche	10/17/22	Rohit Vishwanath Badugu Naveen Aaditya Chitirala	Satisfactory	Accept
In depth study and report making - Paper[14]	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu	10/17/22	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya Chitirala	In-Progress	More through work
In depth study and report making - Paper[15]	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya Chitirala	10/20/22	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu	In-Progress	More through work
Summarize reports to get brief idea of all the papers	All	10/20/22	Akash Roshan Mund	In-progress	More through work
Weekly report Creationing g and review	Bhavani Priya Kuche	10/20/22	Akash Roshan Mund	Satisfactory	Accept

Gantt chart for showing the major tasks

CSE 543: GROUP 2-1

Arizona State University
Weekly Report 8

Project Start:	Thu, 9-1-2022
Today:	Wed, 11-30-2022
Display Week:	2

TASK	ASSIGNED TO	PROGRESS	START	END
Project Report annd Weekly Report Work				
Preparing Project Report	Amey Bhilegaonkar, Kasi Kishore Ravuri	100%	9-1-22	9-2-22
Motivation	Akash Roshan Mund	100%	9-2-22	9-12-22
Scope of Study	Bhavani Priya Kuche	100%	9-3-22	9-13-22
Expected Results	Rohit Vishwanath Badugu, Naveen Aaditya Chitirala	100%	9-4-22	9-14-22
References List	Everyone	100%	9-5-22	9-15-22
Final Project Proposal	Everyone	100%	9-6-22	9-16-22
Weekly Report Review	Everyone	70%	9-7-22	11-8-22
Indepth Papers to Study and Review				
Project Proposal Finalization	Rohit Vishwanath Badugu, Bhavani Priya Kuche	100%	9-15-22	9-22-22
Finalizing research Materials	Naveen Aaditya Chitirala, Mahita Singamsetty	100%	9-17-22	9-22-22
In depth study and report making - Paper 1	Amey Bhilegaonkar	100%	9-19-22	9-27-22
In depth study and report making - Paper 2	Akash Roshan Mund	100%	9-19-22	9-27-22
In depth study and report making - Paper 3	Bhavani Priya Kuche	100%	9-19-22	9-27-22
In depth study and report making - Paper 4	Rohit Vishwanath Badugu	100%	9-19-22	9-27-22
In depth study and report making - Paper 5	Naveen Aaditya Chitirala	100%	9-19-22	9-27-22
In depth study and report making - Paper 6	Kasi Kishore Ravuri	100%	9-19-22	9-27-22
In depth study and report making - Paper 7	Mahita Singamsetty	100%	9-19-22	9-27-22
In depth study and report making - Paper 8	Akash Roshan Mund , Amey Bhilegaonkar	100%	9-27-22	10-6-22
In depth study and report making - Paper 9	Kasi Kishore Ravuri ,2.Naveen Aaditya Chitirala	100%	9-27-22	10-6-22
In depth study and report making - Paper 10	3.Kasi Kishore Ravuri , Mahita Singamsetty , Bhavani Priya Kuche	100%	9-27-22	10-6-22
In depth study and report making - Paper 11	Akash Roshan Mund , Amey Bhilegaonkar	100%	10-5-22	10-17-22
In depth study and report making - Paper 12	Rohit Vishwanath Badugu ,Naveen Aaditya Chitirala	100%	10-5-22	10-17-22
In depth study and report making - Paper 13	Kasi Kishore Ravuri , Mahita Singamsetty , Bhavani Priya Kuche	100%	10-5-22	10-17-22
In depth study and report making - Paper 14	3.Kasi Kishore Ravuri , Mahita Singamsetty , Bhavani Priya Kuche	100%	10-11-22	10-20-22
In depth study and report making - Paper 15	Akash Roshan Mund , Amey Bhilegaonkar	80%	10-11-22	10-20-22
In depth study and report making - Paper 16	Rohit Vishwanath Badugu ,Naveen Aaditya Chitirala	10%	10-20-22	10-27-22
In depth study and report making - Paper 17	Kasi Kishore Ravuri , Mahita Singamsetty , Bhavani Priya Kuche	10%	10-20-22	10-27-22
Review of Reports of each member from the in-depth ar	Everyone	60%	9-27-22	10-30-22
Summarize reports to get brief idea of all the papers	Everyone	50%	10-6-22	10-30-22
Project Report Future Tasks				
Use/Applications of ML in IAM Systems	TBD		9-1-22	11-20-22
Use/Applications of Block Chain in IAM Systems	TBD		9-2-22	11-20-22
Exploration of threats and attacks in IAM Systems	TBD		9-3-22	11-20-22
Techniques to prevent different types of Attacks using N	TBD		9-4-22	11-20-22
Techniques to prevent different types of Attacks using	TBD		9-5-22	11-20-22

Issues :

No issues