

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 - 9

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)10/20/2022 - 6:00 PM Zoom Meeting – All present Agenda:

- 1. Discuss on the topics to be included in the final report.
- 2. Distributed the topics among the team members.

3. We Gathered the resources related to the topics to be included in the final report.

2) 10/23/2022 - 4 PM

Zoom Meeting – All present Agenda:

- 1. Discussed issues faced during writing the report.
- 2. Discussed about the format of writing the final report.
- 3) 10/26/2022 4 PM

In Person Meeting – All present Agenda:

- 1.We reviewed the topics and progress of the final report.
- 2. Decided the timeline for individual report submissions and review.

Tasks Summary

Task Number	Task Name	Details of Task	Member	Status
1	Summary, Conclusion, Individual responsibilities, provisioning and de-provisioning in IAM		Akash Roshan Mund	In-progress
2	Blockchain Smart contracts for provisioning and de-provisioning, Conclusion on block chain, Goals and Scope	, ,	Bhavani Priya Kuche	In-progress

3	Azure Active directory, conclusion on azure, Manual provisioning and disadvantages	Writing the report on the assigned topics individually contributing towards the final report.	Rohit Vishwanath Badugu	In-progress
4	AWS Fraud detection, conclusion on AWS, Why Provisioning and deprovisioning	Writing the report on the assigned topics individually contributing towards the final report.	Amey Bhilegaonkar	In-progress
5	Service provider problems, Why ML for provisioning, ML advantages	Writing the report on the assigned topics individually contributing towards the final report.	Kasi Kishore Ravuri	In-progress
6	Why Blockchain for provisioning, Blockchain advantages, Problems with provisioning and deprovisioning	Writing the report on the assigned topics individually contributing towards the final report.	Mahita Singamsetty	In-progress
7	Motivation and Background, Disadvantages of all the approaches (AWS, AZURE, Blockchain)points accordingly, What is Manual provisioning	Writing the report on the assigned topics individually contributing towards the final report.	Naveen Aaditya Chitirala	In-progress
9	Weekly report Creation and Review	Reviewing the report making changes, and finalizing it	Naveen Aaditya Chitirala, Kasi Kishore Ravuri, Akash Roshan Mund	Completed

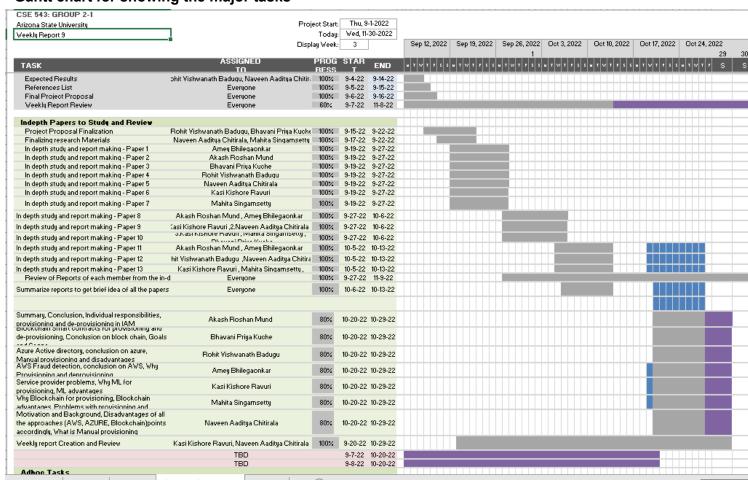
Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommende d Action
In depth study and report making - Paper[14]	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu		Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya	Satisfactory	Accept

			Chitirala		
In depth	Kasi Kishore		Akash Roshan		
study and	Ravuri		Mund		
report making	Mahita		Amey Bhilegaonkar		
- Paper[15]	Singamsetty		Rohit Badugu		
' ' '	Bhavani Priya	10/26/2			
	Kuche	022		Satisfactory	Accept
	Naveen				
	Aaditya				
	Chitirala				
J ,	Akash		Akash Roshan	In-progress	
Conclusion,	Roshan Mund		Mund		
Individual responsibilities,					More thorough
provisioning and					work due on
de-provisioning in					30th October
IAM					
Blockchain Smart	Bhavani Priya	10/27/22	Bhavani Priya	In-progress	
contracts for	Kuche		Kuche		
provisioning and					More thorough
de-provisioning,					work due on
Conclusion on					30th October
block chain, Goals					
and Scope					
Azure Active	Rohit	10/27/22	Rohit Vishwanath	In-progress	
directory,	Vishwanath		Badugu		
1	Badugu				More thorough
azure, Manual					work due on
provisioning and					30th October
disadvantages					
AWS Fraud	Amey	10/27/22	Amey Bhilegaonkar	In-progress	
detection,	Bhilegaonkar				
conclusion on					More thorough
AWS, Why					work due on
Provisioning and					30th October
deprovisioning					
Service provider	Kasi Kishore	10/27/22	Kasi Kishore Ravuri	In-progress	More there was
problems, Why ML	Ravuri				More thorough
for provisioning, ML					work due on 30th October
advantages					JULI OCIODEI
Why Blockchain for		10/27/22	Mahita Singamsetty	In-progress	
i -	Singamsetty				
Blockchain					More thorough
advantages,					work due on
Problems with					30th October
provisioning and					
deprovisioning					
Motivation and	Naveen	10/27/22	Naveen Aaditya	In-progress	More thorough
Background,	Aaditya		Chitirala		work due on
Disadvantages of	Chitirala				30th October

all the approaches (AWS, AZURE, Blockchain)points accordingly, What is Manual provisioning					
Weekly report Creationing and review	Naveen Aaditya Chitirala, Kasi Kishore Ravuri	10/2//22	Akash Roshan Mund	Satisfactory	Accept

Gantt chart for showing the major tasks



Issues:

No issues