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 - 10

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)10/27/2022 - 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) 10/29/2022 - 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) 10/30/2022 - 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	Writing the report on the assigned topics individually contributing towards the final report.	Akash Roshan Mund	completed
2	Blockchain Smart contracts for provisioning and de-provisioning, Conclusion on block chain, Goals and Scope	Writing the report on the assigned topics individually contributing towards the final report.	Bhavani Priya Kuche	completed

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	completed
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	completed
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	completed
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	completed
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	completed
9	Weekly report Creation and Review	1. Reviewing the report 2. making changes, and finalizing it	Akash Roshan Mund	Completed

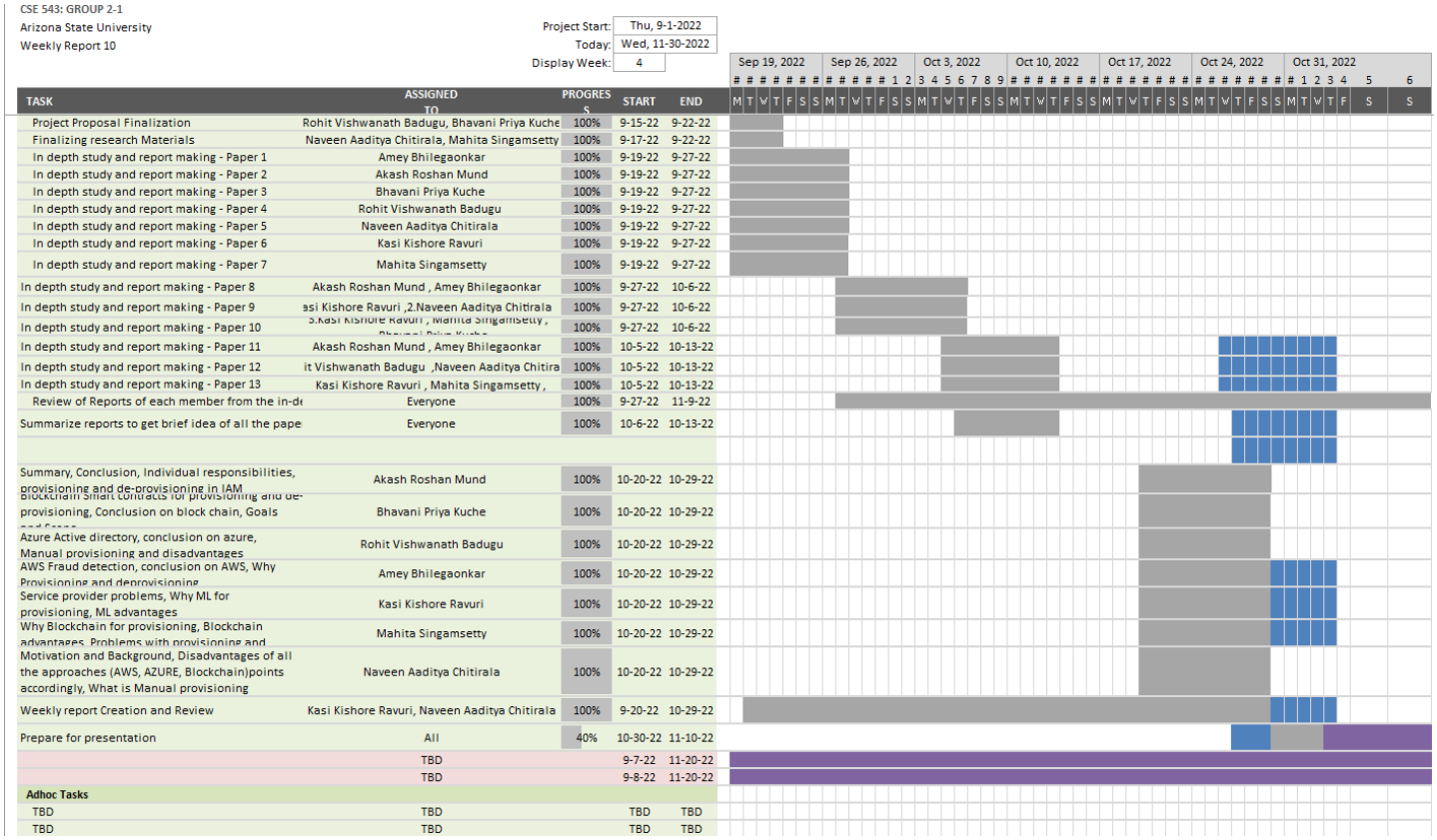
Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommended Action
In depth study and report making - Paper[14]	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu	10/26/2022	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya Chitirala	Satisfactory	Accept

In depth study and report making - Paper[15]	Kasi Kishore Ravuri Mahita Singamsetty Bhavani Priya Kuche Naveen Aaditya Chitirala	10/30/2022	Akash Roshan Mund Amey Bhilegaonkar Rohit Badugu	Satisfactory	Accept
Summary, Conclusion, Individual responsibilities, provisioning and de-provisioning in IAM	Akash Roshan Mund	10/30/22	Akash Roshan Mund	Satisfactory	Accept
Blockchain Smart contracts for provisioning and de-provisioning, Conclusion on block chain, Goals and Scope	Bhavani Priya Kuche	10/30/22	Bhavani Priya Kuche	Satisfactory	Accept
Azure Active directory, conclusion on azure, Manual provisioning and disadvantages	Rohit Vishwanath Badugu	10/30/22	Rohit Vishwanath Badugu	Satisfactory	Accept
AWS Fraud detection, conclusion on AWS, Why Provisioning and deprovisioning	Amey Bhilegaonkar	10/30/22	Amey Bhilegaonkar	Satisfactory	Accept
Service provider problems, Why ML for provisioning, ML advantages	Kasi Kishore Ravuri	10/30/22	Kasi Kishore Ravuri	Satisfactory	Accept
Why Blockchain for provisioning, Blockchain advantages, Problems with provisioning and deprovisioning	Mahita Singamsetty	10/30/22	Mahita Singamsetty	Satisfactory	Accept
Motivation and Background, Disadvantages of all the approaches	Naveen Aaditya Chitirala	10/30/22	Naveen Aaditya Chitirala	Satisfactory	Accept

(AWS, AZURE, Blockchain)points accordingly, What is Manual provisioning					
Weekly report Creationing and review	Naveen Aaditya Chitirala, Kasi Kishore Ravuri	10/30/22	Akash Roshan Mund	Satisfactory	Accept

Gantt chart for showing the major tasks



TASK	ASSIGNED TO	PROGRESS	START	END
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	asi 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 ,	100%	9-27-22	10-6-22
In depth study and report making - Paper 11	Akash Roshan Mund , Amey Bhilegaonkar	100%	10-5-22	10-13-22
In depth study and report making - Paper 12	it Vishwanath Badugu ,Naveen Aaditya Chitira	100%	10-5-22	10-13-22
In depth study and report making - Paper 13	Kasi Kishore Ravuri , Mahita Singamsetty ,	100%	10-5-22	10-13-22
Review of Reports of each member from the in-de	Everyone	100%	9-27-22	11-9-22
Summarize reports to get brief idea of all the pape	Everyone	100%	10-6-22	10-13-22
Summary, Conclusion, Individual responsibilities, provisioning and de-provisioning in IAM	Akash Roshan Mund	100%	10-20-22	10-29-22
Blockchain smart contracts for provisioning and de-provisioning, Conclusion on block chain, Goals and Scope	Bhavani Priya Kuche	100%	10-20-22	10-29-22
Azure Active directory, conclusion on azure, Manual provisioning and disadvantages	Rohit Vishwanath Badugu	100%	10-20-22	10-29-22
AWS Fraud detection, conclusion on AWS, Why Provisioning and deprovisioning	Amey Bhilegaonkar	100%	10-20-22	10-29-22
Service provider problems, Why ML for provisioning, ML advantages	Kasi Kishore Ravuri	100%	10-20-22	10-29-22
Why Blockchain for provisioning, Blockchain advantages, Problems with provisioning and	Mahita Singamsetty	100%	10-20-22	10-29-22
Motivation and Background, Disadvantages of all the approaches (AWS, AZURE, Blockchain)points accordingly, What is Manual provisioning	Naveen Aaditya Chitirala	100%	10-20-22	10-29-22
Weekly report Creation and Review	Kasi Kishore Ravuri, Naveen Aaditya Chitirala	100%	9-20-22	10-29-22
Prepare for presentation	All	40%	10-30-22	11-10-22
	TBD		9-7-22	11-20-22
	TBD		9-8-22	11-20-22
Adhoc Tasks				
TBD	TBD		TBD	TBD
TBD	TBD		TBD	TBD

Issues :

No issues