




Faculty of Engineering and Technology
Department of Networking and Communications
Minor Project Work/Internship – Student Log Book

Degree/ program	B.Tech	Specialization	CSE
Academic Year	2021-2022	Semester	7

Course Code	18CSP107L/ 18CSP108L	Course Title	Minor Project/Internship
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Name of student	Register Number	Department	Mobile Number	Email ID
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Mission Statement: In this project we are going to work on cloud security issue by adding TPA and AES algorithm. This will be applicable in software industry

Working Title of the Project:	A Secure Data Dynamics and Public Auditing Scheme for Cloud Storage
Project Site / Location	
Name and address of the company / organization	SRM Institute of Science and Technology, Kattankulathur, Chengalpattu District-603203
Signature of Student1	
Signature of Student2	
Signature of Project Guide	

Mission Statement:	A Secure Data Dynamics and Public Auditing Scheme for Cloud Storage is to develop a robust and efficient data dynamics and public auditing scheme for cloud storage. The scheme aims to ensure the security and integrity of data in the cloud		
Supervision Team			
	Supervisor	Co-Supervisor	External Supervisor (If applicable)
Name	Dr. Saravanan		
Designation	Associate Professor		
Department	NWC		
Campus	Kattankulathur		
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Stakeholders of the Project			

Division of work and contributors

Time period		Activities or components of the project	Name/Register Number of the Individual Contributor	Names/Register Number of the Joint Contributors
From Date	To Date			
2023-08-04	2023-08-30	1. Literature review 2. Research papers analysis	RA2011028010083	RA2011028010069

Division of work and contributors

Time period		Activities or components of the project	Name/Register Number of the Individual Contributor	Names/Register Number of the Joint Contributors
From Date	To Date			
2023-08-04	2023-08-30	UML Diagrams-ER diagrams/Use case diagram/Activity Modules Algorithms in each module	RA2011028010069	RA2011028010083

Summary record of major progress meetings with supervisors

Summary record of major progress meetings with supervisors			Working title of dissertation/research project:	
Meeting date & supervisors present	Progress since last meeting	Agreed program of work and target dates	Other issues, e.g. facilities, supervision, training needs, etc.	Date of next meeting
2023-08-08	Framework, reference paper, goals, objectives	2023-08-30	Nil	2023-08-16

Worksheet / Data collection / Observation etc

The global cloud computing market report 2019.

2012.

IK Meenakshi and Sudha George. Cloud Server Storage Security using TPA. International Journal of Advanced Research in Computer Science and Technology (IJARCST) ISSN: 2347-9817, 2014.

Qian Wang, Cong Wang, Kui Ren, and Wenjing Lou, and Jin Li.

Enabling Public Auditability and Data Dynamics for Security in Cloud Computing. Parallel and Distributed Systems, IEEE Transactions on, 22(5):847-859, 2011.

Kan Yang, Xiao Hua Jia." An Efficient and Secure Dynamic Auditing Protocol for Data Storage in Cloud Computing, IEEE Transaction on (110), 2012.

W. Stallings," Cryptography and network security," LPE Sixth Edition, ISBN-978-013-335-4690.

Kerry Maletsky,"RSA vs ECC comparison for embedded system "Atmel8951.

Meiliana Sumagita, Imam Riadi, "Analysis of secure hash algorithm(SHA)

512 for encryption process on web based application”IJCSDF-7(4):373-

Journal Publication

A Secure Data Dynamics and Public Auditing Scheme for Cloud Storage