

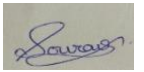


DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Synopsis

Course name: Mini Project Course Code: 19CSE59 Semester Duration: SEPT 2020- JAN2021

Student details:

USN	Name of the student	Section	Date of Submission	Signature
1NH18CS183	SOURAV SINGH	C	SEPT 24,2020	

MINI PROJECT TITLE
“Crypto Chat – the securest chat app”

Problem Statement

As data security and integrity remains a major concern and especially at times as of now, where maximum things are becoming online and everyone's data is available online, it becomes very important to secure and encrypt these data in such a manner that it is almost impossible for anyone to steal, modify or hack etc these data. So, using this as the prime idea of developing a secure chat application, I will try to provide users an option to choose from multiple cryptographic algorithms they want to encrypt their message with. The receiver thus also has to decrypt the message through same algorithm with which it was encrypted.

Outcomes

- Securest Chat/Messaging app
- Encryption/Decryption of Data using different Advanced Cryptographic Algorithms.
- Data security, privacy and integrity.
- Secure way to keep the data.

Requirement Specifications

- Window 10 Computer
- Python IDE: Pycharm or Visual Studio Code
- Tkinter Python, Python
- Python Libraries/modules

Signature of Reviewer with Date :