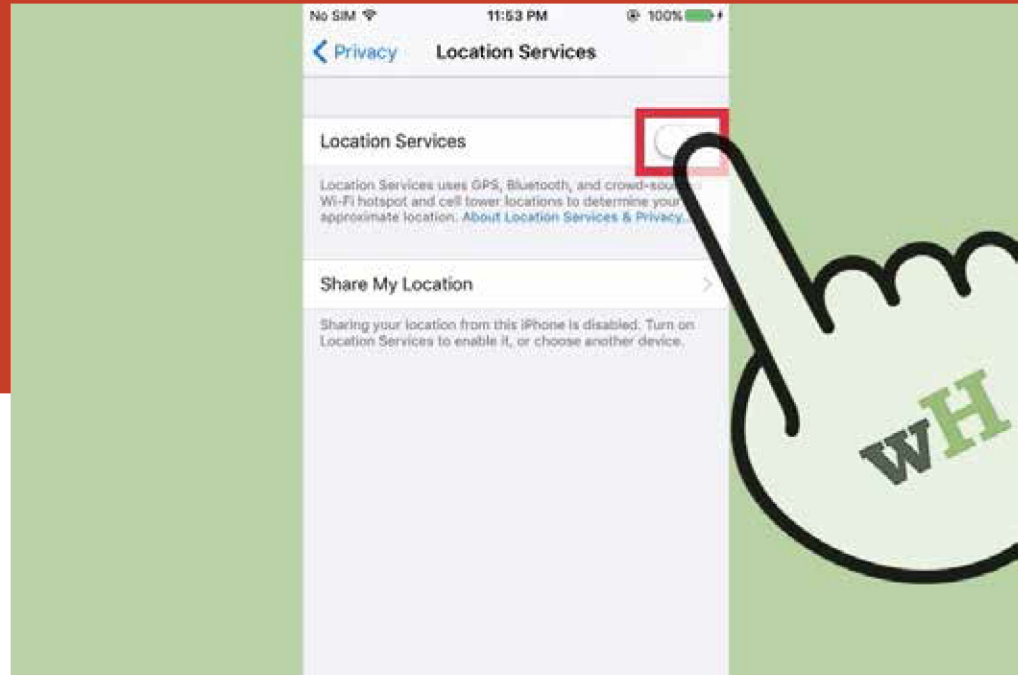


Ankita Singh S
CSE

Anusha A Reddy
CSE

Apoorva N
CSE

71 PROJECT BLOCK SHARE



Growth in blockchain technology has resulted in the development of bitcoins and another important application called 'Story', which involves the concept of a distributed cloud storage. A more efficient application would be to enable file-sharing through the Blockchain. This would help in reducing the two-step process of uploading a file to the drive and downloading it to a single step process of just transferring it from a sender to a receiver in a Blockchain network. Even though there are several applications which provide file sharing, they cannot match the security guaranteed by Blockchain technology. This project focuses on enabling a secured file sharing application using a private Blockchain network so that it can be used within small organisations. A greater level of security is achieved by applying some critical algorithms from cryptography to strongly encrypt the file, thereby making sure that none other than the receiver can gain access to the file.