SYNOPSIS OF THE PROJECT

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| Shared folder/git repository details | **https://github.com/Nayananandhu/Main- project.git** |
| Project Title | SECURE BITCOIN TRANSACTION USING BLOCKCHAIN |
| Description of Project:  As the internet is becoming more accessible and convenient, larger numbers of people and businesses are shifting towards digital transactions. Digital payment methods are quicker, cheaper and much more efficient. Therefore, it's not surprising that newer forms of digital payment systems are rapidly being developed. Cryptocurrencies like Bitcoin and Ethereum are among the most popular forms of digital payments.The aim of this project is secure transaction of bitcoin between two users in a peer to peer network.Miner validate each transaction and add valid transaction to blockchain.For increasing authenticity SHA algorithm is used instead of elliptic curve in generating digital signature.RSA algorithm is used for generating public key and private key of user.Also illegal transactions are prevented using blockchain. | |
| Front end and Backend Tools | HTML,CSS,JS and Python |