**Hotel Reservation using Blockchain Technology**

Hotel Reservation takes a lot of effort in choosing the best. Reservation of a room at specific requirements is a tedious job using too many mobile interfaces. We are using Blockchain Technology to eliminate the middle man i,e; the application interfaces to enable direct communication. We have studied problems and feedbacks of the user of these interfaces. We have also approached the hotel managements to deliberate the challenges faced during the room allocation. We found that customers approach hotels without negotiating the rules. Customers are cheated on the facilities provided. These are important issues to be considered because we may tourist visiting hotel and these issues effect trust and economy.

Blockchain Technology is distributed ledger that serves transaction between two parties. Peer to peer networking adheres to a protocol for validating new blocks. Blockchain technology for hotel management will eliminate the third party. All the hotels will share the information about their hotel on decentralized ledger. Here both the customer and the hotel management will view the extract and approach each other to book a room.

We are introducing the concepts of SmartLocks which will involve public and private key transfer between them. Bitcoin has this implementation of SmartLocks while transferring money. Blockchain Technology in hotel management will improve the authentication, security and value additions of trust and loyalty.

Keywords: Blockchain Technology, Ledger, decentralized, Bitcoin, Peer to peer, SmartLocks, SmartKeys.