# Blockchain prototype

This project for interoperability between Tiki and the Blockchain didn't happen but notes are kept below for posterity

"The idea is to have Tiki as a local CMS, with lists of assets, including spaces, a list of members, rules of access and a scheduling system. " (Tibi)
http://www.sensorica.co/home/what-we-do/projects/blocksxnse/block-chain-access

# Simple user story to reserve a room

- User registers and provides personal information (skills, etc.)
- User checks if desired resource is available (in this case a room)
- User requests to reserve a specific room
- Local person confirms or refuse the reservation (using the provided information)
- User shows up to the venue a few minutes before the reserved time slot
- User opens the door with his RFID card
- System checks validity on the Blockchain
- If valid, the door is unlocked.

# Related links

- https://www.hyperledger.org/
- https://en.wikipedia.org/wiki/Block_chain_(database)
- https://slock.it/
- https://dev.tiki.org/Blockchain
- https://dev.tiki.org/Internet+of+Things
  http://www.mckinsey.com/industries/high-tech/our-insights/how-blockchains-could-change-the-world