Rajasthan E-Governance Hackathon

Theme : Blockchain
Team Sparklers
Team Leader : Amit Kumar Jaiswal
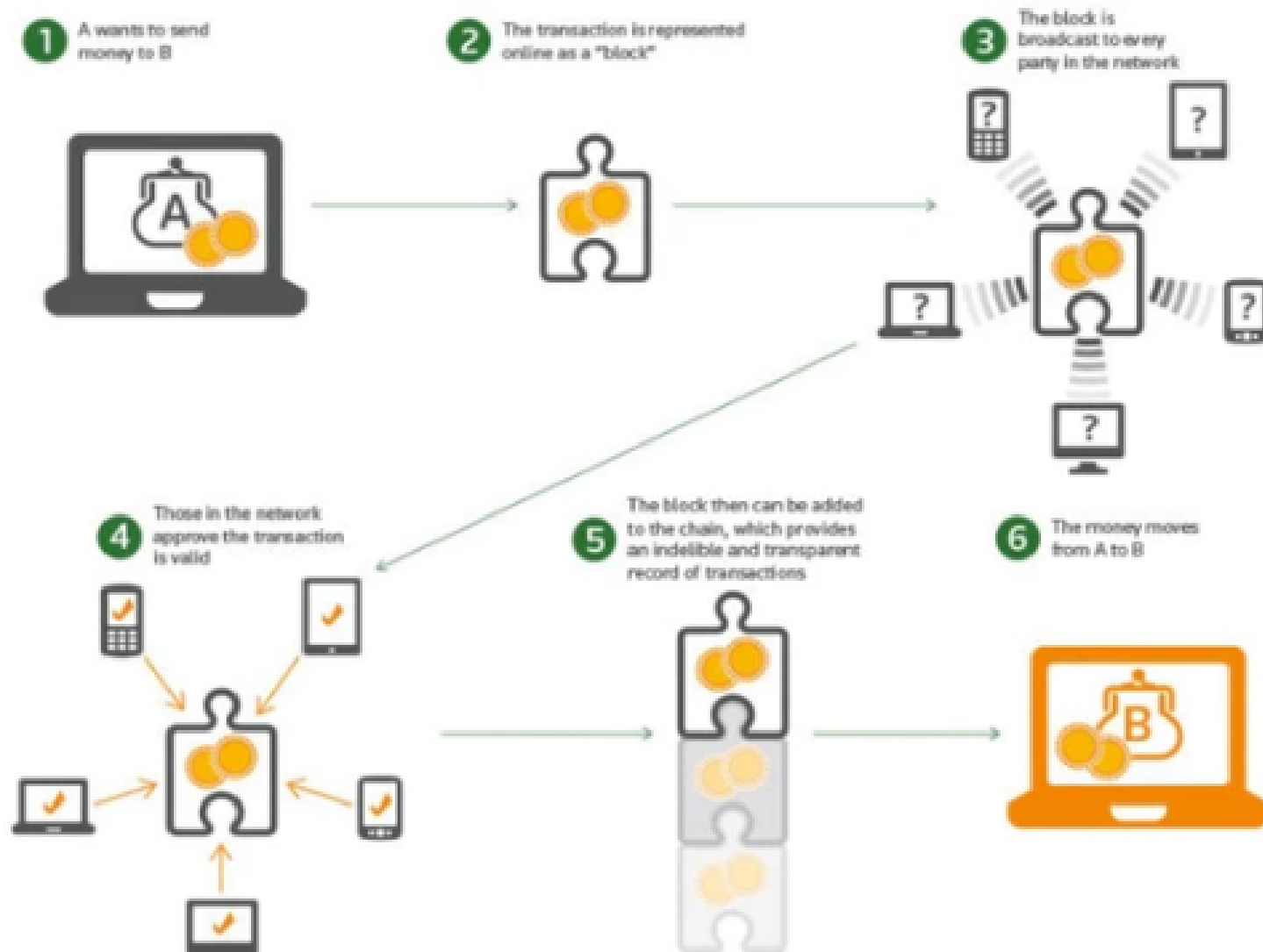
Idea : ManhoodCoins

Description : Developing ManhoodCoins point system where users can honour each other with ManhoodCoins. Later ManhoodCoins can also be collected by wearable devices, or smart meters, rewarding people saving resources (electricity, water, gas) or living a healthy lifestyle reported by their wearable device. To avoid abuse of the system these points are audited by a tweeting auditor (using twitter). The ManhoodCoins points can be used by companies and government bodies to reward people doing good to their communities, health and to the environment.
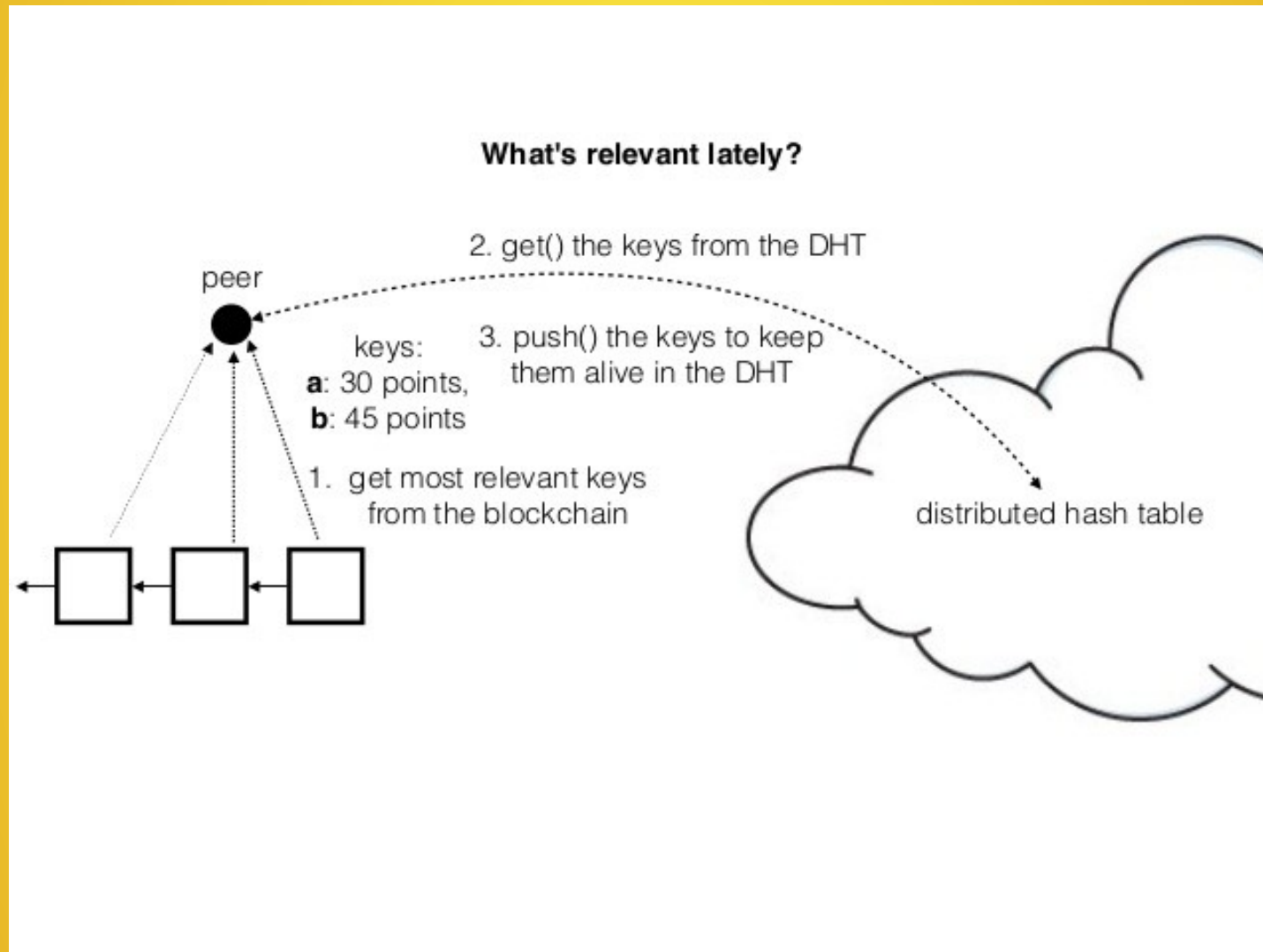
What is Blockchain?

Overview

How a blockchain works

1. A wants to send money to B

2. The transaction is represented online as a "block"

3. The block is broadcast to every party in the network

4. Those in the network approve the transaction is valid

5. The block then can be added to the chain, which provides an indelible and transparent record of transactions

6. The money moves from A to B

No reward

ManhoodCoins uses Distributed Hash Table among peers

What's relevant lately?

peer

keys:
a: 30 points,
b: 45 points

2. get() the keys from the DHT

3. push() the keys to keep them alive in the DHT

1. get most relevant keys from the blockchain

distributed hash table

Use Cases

The front end application (a mobile app) can connect to this network via Rest API calls.

Use Case 1

Second Use Case

Coffe bar rewards every 5th person coming in with a free drink with HumanityCoins greater than 1000 this week.

Reward added in form of ManhoodCoin at Coffee shop

Third Use Case

To honour people, researcher, companies and government bodies for doing good to their communities.

Honouring people in form of ManhoodCoins

Thank you