Suggested resources on Blockchain topic, and Hyperledger open source implementations

From Pam Schmidt and Sev Grabski. (9/15/18)

Consensus mechanisms and some basic definitions.

https://www.newgenapps.com/blog/8-blockchain-consensus-mechanisms-and-benefits

 https://www.coindesk.com/short-guide-blockchain-consensus-protocols

Consensus: Proof of Elapsed Time:

https://medium.com/kokster/understanding-hyperledger-sawtooth-proof-of-elapsed-time-e0c303577ec1

Blockchain or Database Decision Chart by Melissa Richardson July 27, 2018

https://blockchaintrainingalliance.com/blogs/news/bl

Smart contracts:

https://www.pcmag.com/article/350088/blockchain-in-2017-the-year-of-smart-contracts

Interactive materials:

Blockchain Linking - Example
https://anders.com/blockchain/blockchain.html

Use case examples:

https://www.ibm.com/thought-leadership/blockchainbean/

New South Wales (NSW) Digital Driver Licence
https://www.zdnet.com/article/blockchain-behind-nsw-digital-driver-licence-play

Why identity management is one of the biggest challenges for blockchain? (video)

https://www.techrepublic.com/videos/video-why-identity-management-is-one-of-the-biggest-challenges-for-blockchain/

Voting in Digital Age (video)

https://digital.luxoft.com/work/case-studies/blockchain

Real Estate use case:

http://www.chicagotribune.com/classified/realestate/ct-re-0715-blockchain-homebuying-20180628-story.html

https://www.ccn.com/illinois-blockchain-initiative-for-real-estate-transfers/

Hyperledger : Open Source Blockchain from the Linux Foundation

https://www.hyperledger.org/wp-content/uploads/2018/08/HL_Whitepaper_IntroductiontoHyperledger.pdf

https://ibm-blockchain.github.io/develop/introduction/key-concepts.html

Blockchain Hands-On Exercise:

Hyperledger Composer

https://composer-playground.mybluemix.net/login

Hyperledger Composer Tutorial:

https://hyperledger.github.io/composer/latest/introduction/introduction.html

Starting point: https://composer-playground.mybluemix.net/