Implementation Technologies & Strategies

Ethereum DApp requirements:

* JavaScript
* HTML
* CSS
* Solidity (For the smart contract)

Software requirements:

* Truffle: compiler for smart contracts
* Ganache <https://www.trufflesuite.com/ganache>
* Metamask – test if the server is working
* Geth EVM

Desktop app from web app:

* <https://www.todesktop.com/>
* Web2desk

Smart key implementations:

* Physical key cards
* Generated QR code (saved hardware costs)

Partial DApp/Centralized:

* Keep just the smart contract as a part of the DApp

References and tutorials:

<https://www.linkedin.com/learning/ethereum-building-blockchain-decentralized-apps-dapps>

<https://www.linkedin.com/learning/blockchain-basics/next-steps?u=76816226>

<https://whitepaper.io/document/5/ethereum-whitepaper>

https://www.scitepress.org/Papers/2019/80972/80972.pdf