***Definition***: A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography.

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Shape

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***General things about blockchain:***

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***The 5 requirements for Hash algorithms:***

* A picture containing icon

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* Deterministic:

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* Fast Computation:
* Avalanche Effect: (change small things will lead to big things, like snowball)

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* Must withstand collision:

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***Immutable Ledger:***

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***Distributed P2P Network:***

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***Mining:***

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***Cryptographic Puzzle:***

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Graphical user interface

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***Byzantine Fault Tolerance:* (xem lại lecture 15 Blockchain A-Z)**

***Consensus Protocol:***

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(Already mentioned above)

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Timeline

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Proof of Work:

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**LONGER CHAIN IS KING**