जिसकी लाठी उसकी भैंस (Might is Right)

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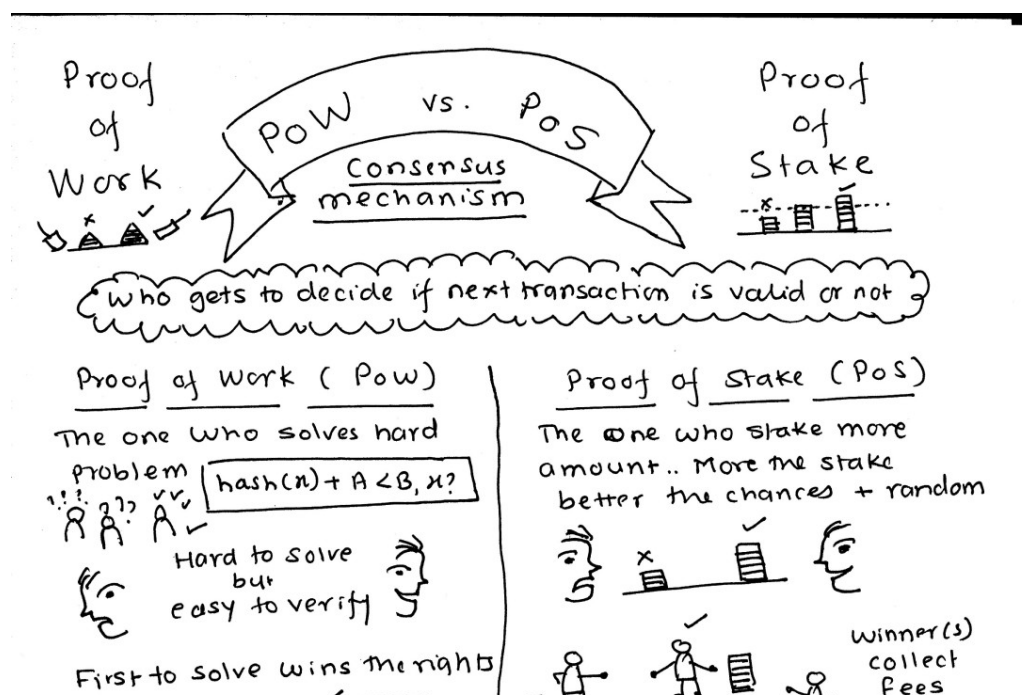
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Imagine a group of friends is deciding about which movie to watch, a horror or a

comedy!!. Usual way is by majority vote. If 6 out of 10 like horror, all 10 have to go to a

horror movie. This is `51%` (basically, >50%) way. This activity is called consensus

mechanism. In this case, as all friends are together, know/trust each other and are in same

location, arriving at consensus is easy. But in case of distributed systems, such as

Blockchain, how do we arrive at the consensus, say, for validating a transaction? The one

who wins the consensus, gets to validate the transaction and in return earns some reward.

So, all effort goes in winning the consensus.

Ethereum 2.0 is coming up with a new consensus mechanism called `Proof of Stake`, a

radically different approach than the currently prevalent `Proof of Work' approach.

Following sketchnote is about comparison of the two approaches:

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Ethereum 2.0 is coming up with a new consensus mechanism called `Proof of Stake`, a radically different approach than the currently prevalent `Proof of Work' approach.

Following article talks about comparison of the two, along with a visual summary detailing the differences.

Ethereum Polygon Technology Ethereum Foundation

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