

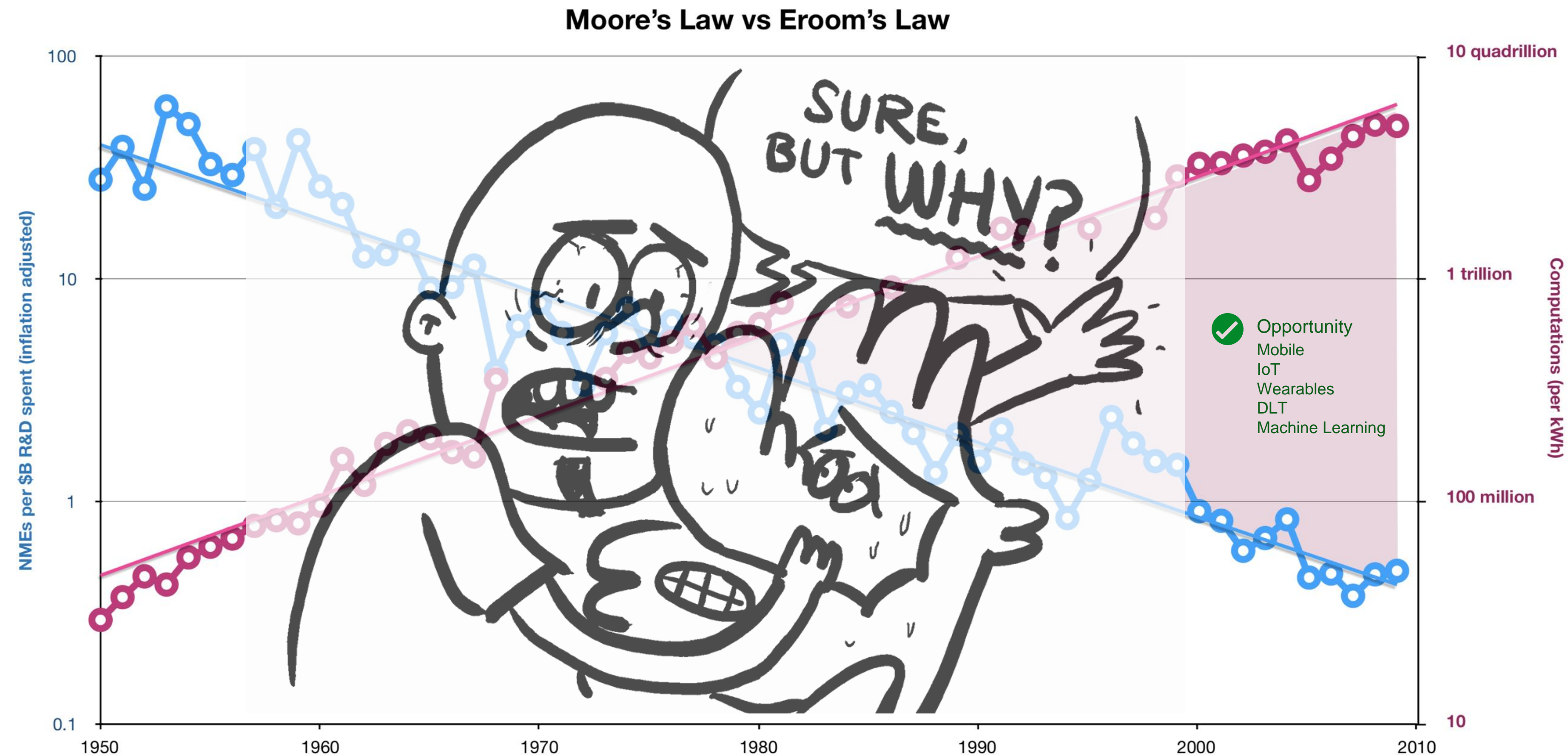
Blockchain & Healthcare Prospective

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UNIVERSITY OF
BIRMINGHAM

Needed Innovation in Healthcare



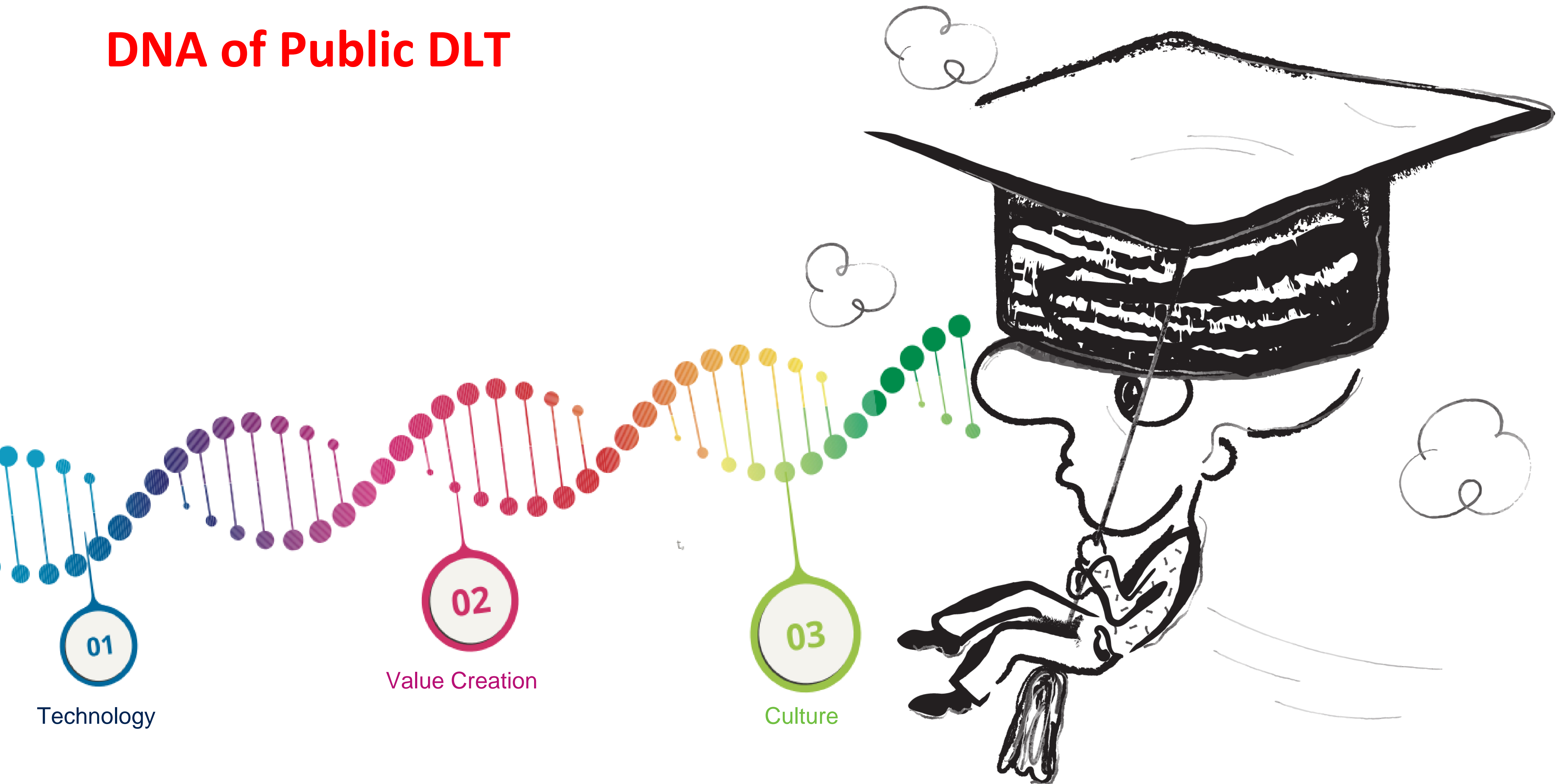
Moore's Law: Computing power becomes faster and less expensive over time

Eroom's Law: Drug discovery is becoming slower and more expensive over time

It's a matter of computational trust.



DNA of Public DLT



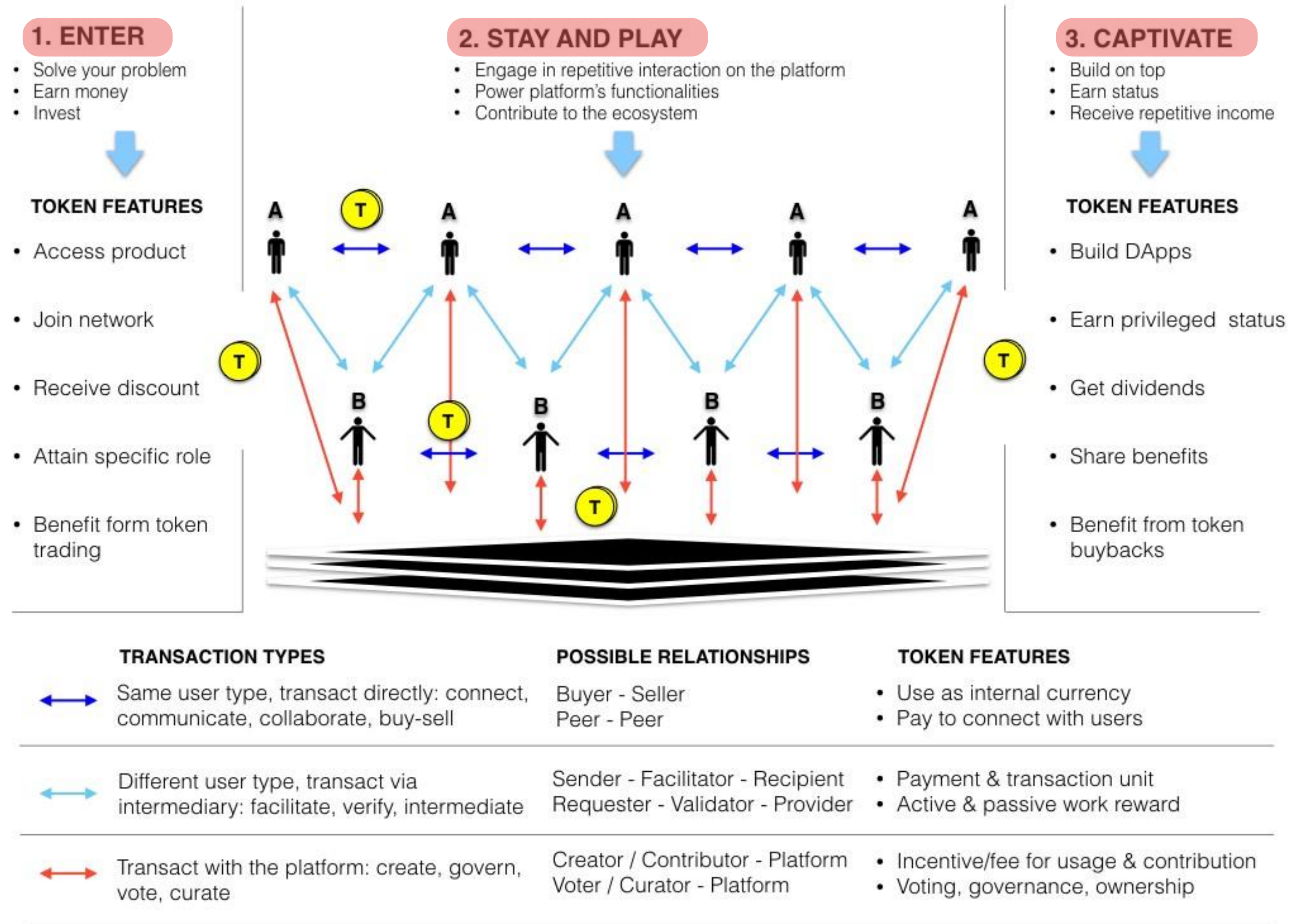
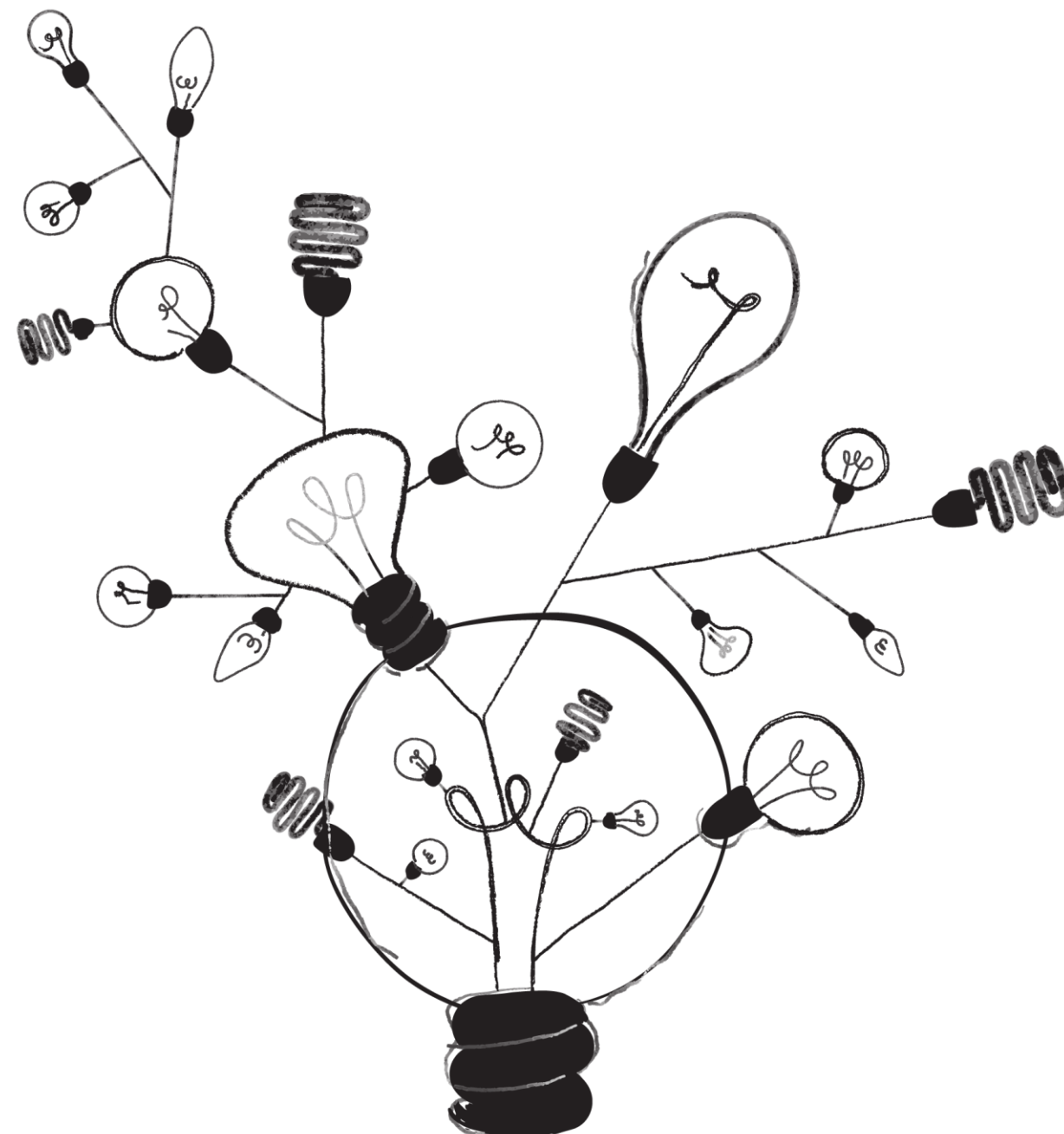
Distributed Ledger Technologies (DLT) Evolution

1. *Digital currency (bitcoin)*
2. *Tamper-proof records of assets*
3. *Digital asset trading with Smart Contracts*
4. *Efficient markets – digital trades with fairness*



Tokens!

- o *Enter*
- o *Stay & Play*
- o *Captivate*



**“It isn’t the mountains ahead to
climb that wear you out; it’s the
pebble in your shoe”**

Muhammad Ali





Be Careful


- *Software first*
- *Consumer-grade usability*
- *Abstract tokenization*
- *Garbage in, tamper-proof garbage forever*
- *Map real-world to digital*
- *Identify things, people & machines*
- *Scaling governance*
- *ROI for getting to consensus*
- *Interacting with legacy data*

Blockchain In Real Life

Dashboard


SYNCHROGENIX

Your Subscribed Applications




Anonymization App

Use this app to anonymize your datasets




CiteSource

Collect and manage your citations




Converter App

Use this app to convert one data format to another




Data Explorer: Clinical Trials

Explore and discover clinical trials.




Data Explorer: CODEx

CODEx is a Clinical Outcomes Database Explorer




Data Explorer: Dementia

Dementia data analytics, with focus on Japan




Data Explorer: Lit Search

Explore and discover public health repositories




Data Explorer: Mortality

Explore and discover mortality death statistics




FileLedger

Blockchain integrated file sharing and collaboration app




Hasharc Analytics

Track and audit the Hedera Hashgraph Ledger using Hasharc data.




Occurrence ML

App to perform machine learning on occurrence of noted terms



OpenForm

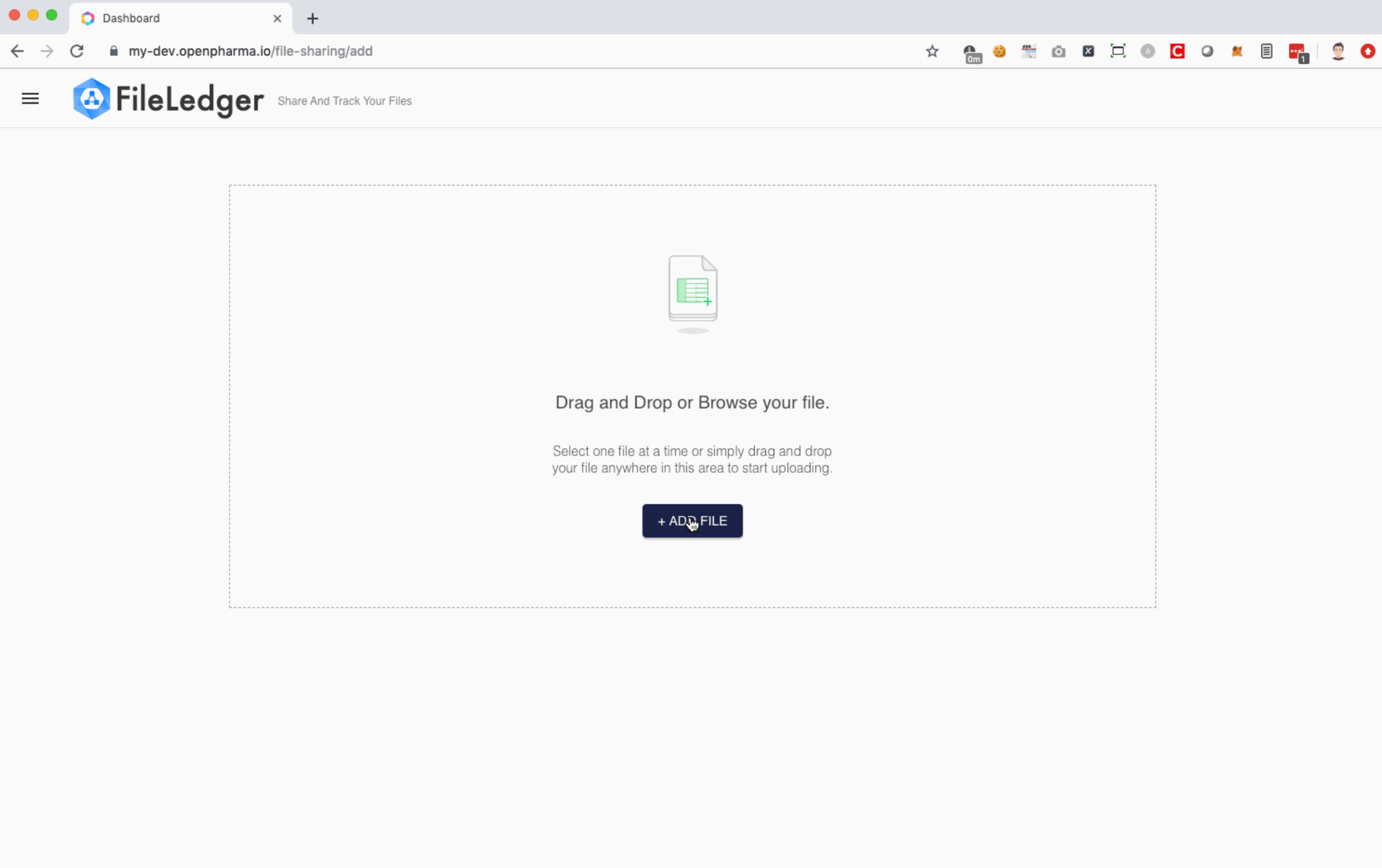
Use this app to create forms and receive submissions



Podium

Create, share, and collect feedback on documents and PDFs

OpenPharma FileLedger





Questions?

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