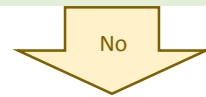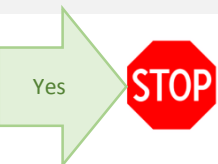# Blockchain : Use case exploration model

If you are maintaining some kind of ledger (ex. Financial) in a data store (ex. relational database) that tracks assets , **are you happy** with your current technology solution?

Yes → **STOP**

No ↓

Level 1:
User needs based on key Blockchain characteristics

Do you need to ensure that multiple parties who don't trust each other inherently can each see and attest to a synchronized golden copy of the "truth"?

Do you have reasons (such as economic), why you would want to eliminate or reduce the role of a trusted intermediary that helps you transact (ex. Clearing house)?

Do you need transparency across multiple un-trusted orgs or jurisdictions for everyone to see what has transpired?

Do you need a guarantee that that transactions have not been tampered with or altered unknowingly?

Do you need a guarantee that ANY party creating transactions between un-trusted organizations or multiple jurisdictional boundaries is following a the same known set of rules?

Do you care about highly secured methods of transacting?

Do you need something that helps ensure that assets in a finite/fixed pool are not used/spent twice?

Do you need to maintain data synchronization, consistency, and integrity across multiple data stores that may transcend un-trusted organizations or other such jurisdictional boundaries?

Level 2:
Common features - architecture backbone for Sectors and Domains

Identity Management

Audit Trail/Time stamps

Blockchain linking

Level 3:
Vertical Sectors

Financial | Government | Manufacturing | Retail | Utilities | Healthcare | Hospitality | Other
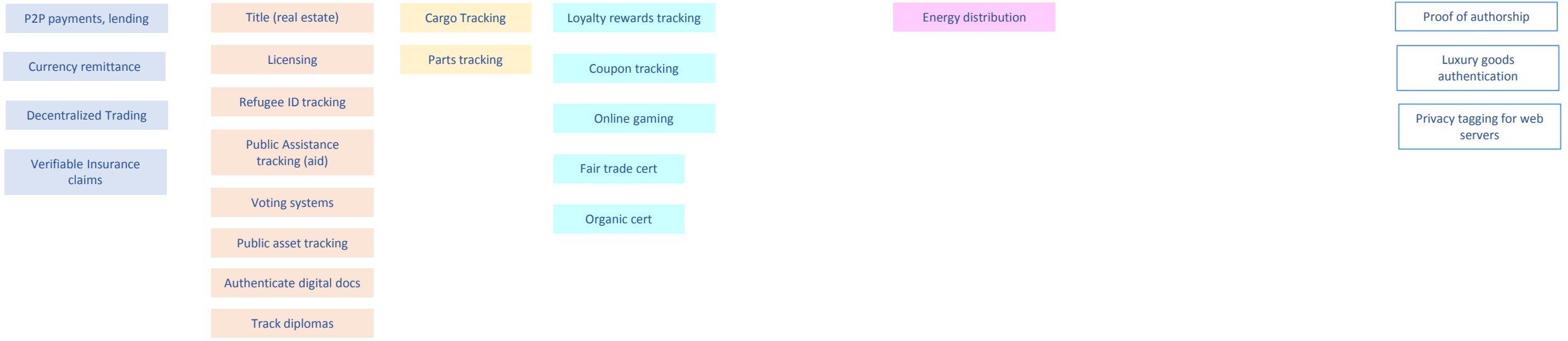
Level 4:
Sub Domains

Mutual Funds | Education | Supply Chain

Insurance/Annuities | Record Keeping

Level 5:
Specific Use Case exploration

Level 5 use cases detailed below

Level 5: Use Cases

P2P payments, lending	Title (real estate)	Cargo Tracking	Loyalty rewards tracking	Energy distribution	Proof of authorship
Currency remittance	Licensing	Parts tracking	Coupon tracking		Luxury goods authentication
Decentralized Trading	Refugee ID tracking		Online gaming		Privacy tagging for web servers
Verifiable Insurance claims	Public Assistance tracking (aid)		Fair trade cert		
	Voting systems		Organic cert		
	Public asset tracking				
	Authenticate digital docs				
	Track diplomas				