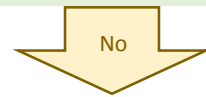# Blockchain : Use case exploration model

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 can each see and own a synchronized golden copy of the "truth"?
- 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 have reasons (such as economic), why you would want to eliminate a trusted intermediary that helps you transact (ex. Clearing house)?
- Do you care about highly secured methods of transacting?
- Do you need transparency across multiple un-trusted orgs or jurisdictions for everyone to see what has transpired?
- Do you need something that helps ensure that assets in a finite/fixed pool are not used/spent twice?
- Do you need a guarantee that that transactions have not been tampered with or altered unknowingly?
- 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

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

- P2P payments, lending
- Currency remittance
- Decentralized Trading

- Title (real estate)
- Licensing
- Refugee ID tracking
- Public Assistance tracking (aid)

- Voting systems
- Public asset tracking
- Authenticate digital docs
- Track diplomas

- Loyalty rewards tracking
- Coupon tracking
- Online gaming

- Energy distribution

- Proof of authorship
- Luxury goods authentication