



Use Case Ideas to Layer Up

Eager to participate in the Cardano Summit 2025 hackathon but low on inspiration? Check out our curated list of blockchain use cases.

These ideas will get you thinking of how to integrate blockchain technology into different domains and help your imagination fly.

Theme	Idea
Developer Tools / Ecosystem	A web tool where users type in logical conditions (e.g. "release funds if X and Y") and get a boilerplate Aiken or Plutus snippet
	Expose wallet or transaction actions (e.g. signing, submitting) via small SDK or REST wrapper
Identity & Credentials	When someone attends an event, participates in a workshop, or volunteers, issue a time-limited verifiable credential (verifiable credential / DID)
	On-chain rating/reputation for contributors to small tasks (e.g. microservices, translations, reviews)
	Issue credentials that grant roles (e.g. "moderator", "member") in a community; smart contracts enforce role-based permissions

DeFi / Payments	Set dynamic or conditional tipping with fallback logic (e.g. tip only if recipient holds some token) "Pay what you can"
	Smart contract that sponsors a small number of gas fees for new users (allowing "gasless" first experience)
	Track recurring or arbitrary expenses on-chain, categorize them, and build a simple dashboard
Tokenization & NFTs	Event tickets as NFTs, which can be merged or upgraded (e.g. attending multiple sessions unlocks a composite badge)
	Enable users to own fractions of a high-value NFT (e.g. art piece) via tokens
Data & Transparency	Collect and store survey / poll results on-chain and let users verify integrity / tamper-resistance
	For a small nonprofit or event, publicly track donations > allocations > outcome (with simple UI + smart contract)
	Track the journey of one item (e.g. "coffee bean batch") from origin > packaging > retailer using UTXO records
Social & Community	A plug-and-play DAO template for small groups (clubs, open source projects), with governance + treasury logic
	Issue NFTs to participants when they check in / attend events (physical or virtual)
	Users set goals (e.g. programming tasks) and stake tokens; they can claim rewards if goals are met

Extra hint

Go to the [Smart Contract Library](#) on the Cardano Developer Portal or explore Reference Implementations of [popular use cases](#) to guide your builds.