Complete workflow:

Telegram Mini App + Web3 + Hathor hackathon project.

🚀 Project Name Idea
"TokenTap" – A Telegram Mini App for tipping, token-based access, and wallet views.

Feature

Feature	Supported by hathor-wallet-lib	Notes
🔐 Create wallets per user		Using mnemonic or seed
🏛️ Get balance (HTR & custom tokens)		Real-time tracking
💸 Send & receive HTR		Use address or wallet object
🪙 Create custom tokens		Name, symbol, initial supply, mint/burn
🧠 Track transaction history		Includes token transfers
🌐 Testnet/Mainnet switching		Just change the network option
🤖 Telegram integration		You handle this via backend logic
👥 Group-based user logic		You implement group logic with Telegram's API

What Hathor Provides (via the library):

Component	Auto-generated by lib
🔑 Mnemonic(seed)	For wallet backup
🧠 Wallet	Holds the private key
🏛️ Address	For sending/receiving HTR or tokens
🌍 Connection	Connects to testnet or mainnet node
📬 Address list	New address per transaction (HD wallet)

🛠️ **TECH STACK :** (Hathor SDK/Wallet Service: We'll need to interface with the Hathor Network for creating wallets, checking balances, and sending transactions.)

Area	Tech
⚙️ Backend	Node.js + Express
📦 Wallet/Token	hathor-wallet-lib
🤖 Telegram Bot	node-telegram-bot-api or Telegram WebApp JS SDK
🗄️ Database	MongoDB / PostgreSQL (to store mnemonics, tasks, contracts)
☁️ Hosting	Render / Railway / Vercel
🧠 Nano Contracts	Simple logic w/ DB or future Hathor extension

🧱 Core Building Blocks

Feature	Frontend	Backend
Create Wallet	Telegram WebApp	API + wallet-lib
Send/Receive HTR	WebApp UI	API + wallet-lib
Token Creation	WebApp Form	API + wallet-lib
Group Rewards	Telegram Bot	DB + Hathor TX

Nano Contract　　　　WebApp + Bot Smart validation

📌 RESOURCES:

(optional)
 Telegram MINI App : https://youtu.be/VltO06Wqz3c?si=aOlZ5gJFKjxxpmO3
 MINI App (Ref) : https://youtu.be/RtGTHSmpJrI?si=jfmVG6aQAdMp6Evn
 Custom Bot clone : https://youtu.be/ELQx7wB5pDw?si=UyqxY89SEa06uBeF
 Hathor Network Developer : https://hathor.network/developers/#try-it-out-now

(Needed)
 Hathor Wallet Lib: https://github.com/HathorNetwork/hathor-wallet-lib
 Nano Contracts (Intro): https://hathor.network/nano-contracts/
 Telegram Mini App Docs: https://core.telegram.org/bots/webapps
 Telegram JS SDK: https://core.telegram.org/bots/webapps#initializing-mini-apps

Hathor network Developer Doc(imp) : https://docs.hathor.network/
Hathor network Developer Doc 2 : https://hathor.network/developers/#hathor-documentation
Chatgpt 1 : https://chatgpt.com/share/67f9e62b-8134-8004-9ffb-cf905bd9c23a
Chatgpt 2 : https://chatgpt.com/share/67f22547-806c-8004-a55d-440ab883560a
Discord Server(to request testnet tokens) : https://discord.com/invite/Eq6wcTkTGs
Request testnet tokens(optional) : https://faucet.nano-testnet.hathor.network
Reference Hator wallet download(python - not required) :
https://gitlab.com/HathorNetwork/hathor-python

Telegram Hathor community
Hackathon Group : Hathor // Use Case Builders
Official Hathor 1 : t.me/HathorOfficial
Official Hathor 2 : t.me/HathorNetworkAnnouncements