



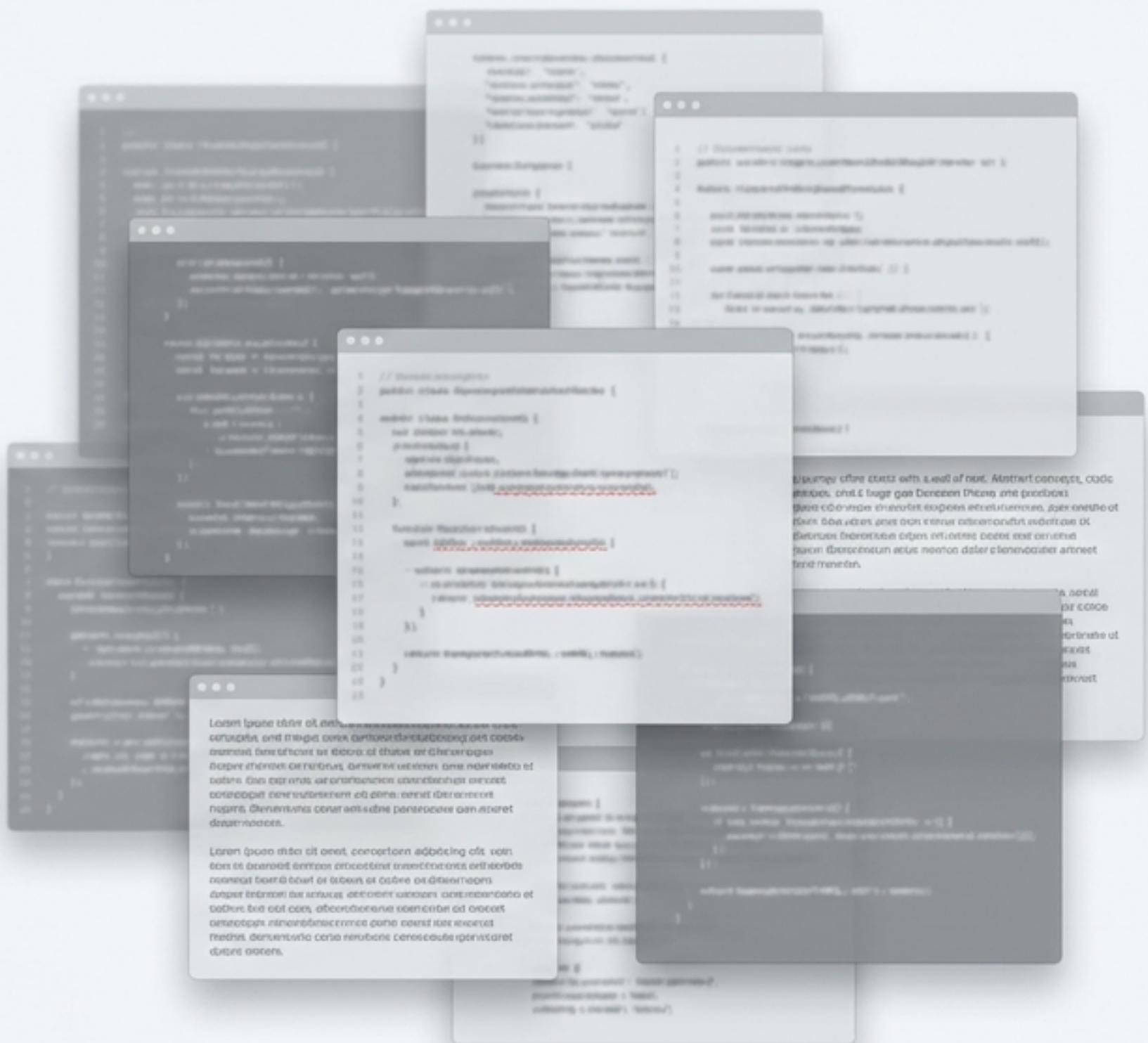
SuiQuest

Master Move on Sui through interactive, fun games. Learn blockchain development while having a blast!

[Start Learning](#)[Sui Docs](#)

Learning a new blockchain is hard.

The journey often starts with a wall of text. Abstract concepts, static examples, and a huge gap between theory and practice.



There's a better way to learn.

Forget static docs. Start
building, playing, and
learning from day one.

10sc CHALLENGE



Choose Your Adventure.

Each game teaches different Sui Move concepts. Pick one and start learning!



10.00s Challenge

Stop the counter exactly at 10.00s to win.

shared-objects

events

clock



Sui Pet

Raise your own on-chain pet using Move objects.

objects

ownership

mutable-ref



Sui Bank

Learn Coin & Balance with a DeFi simulator.

coin

balance

transfer



Card Battle

Pokemon-style NFT card battle. Learn Dynamic NFT, Vector & Object Wrapping!

dynamic-nft

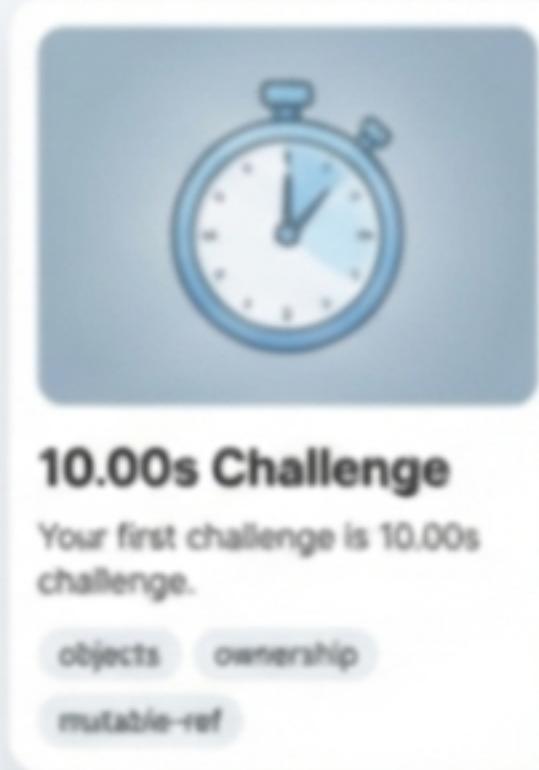
vector

struct

wrapping

Quest 1: Understand True Digital Ownership

Your first challenge is to raise your own on-chain pet. It teaches the fundamentals of objects, ownership, and mutable references.



10.00s Challenge

Your first challenge is 10.00s challenge.

objects ownership
mutable-ref



Sui Pet

Raise your own on-chain pet using Move objects.

objects ownership
mutable-ref



Sui Bank

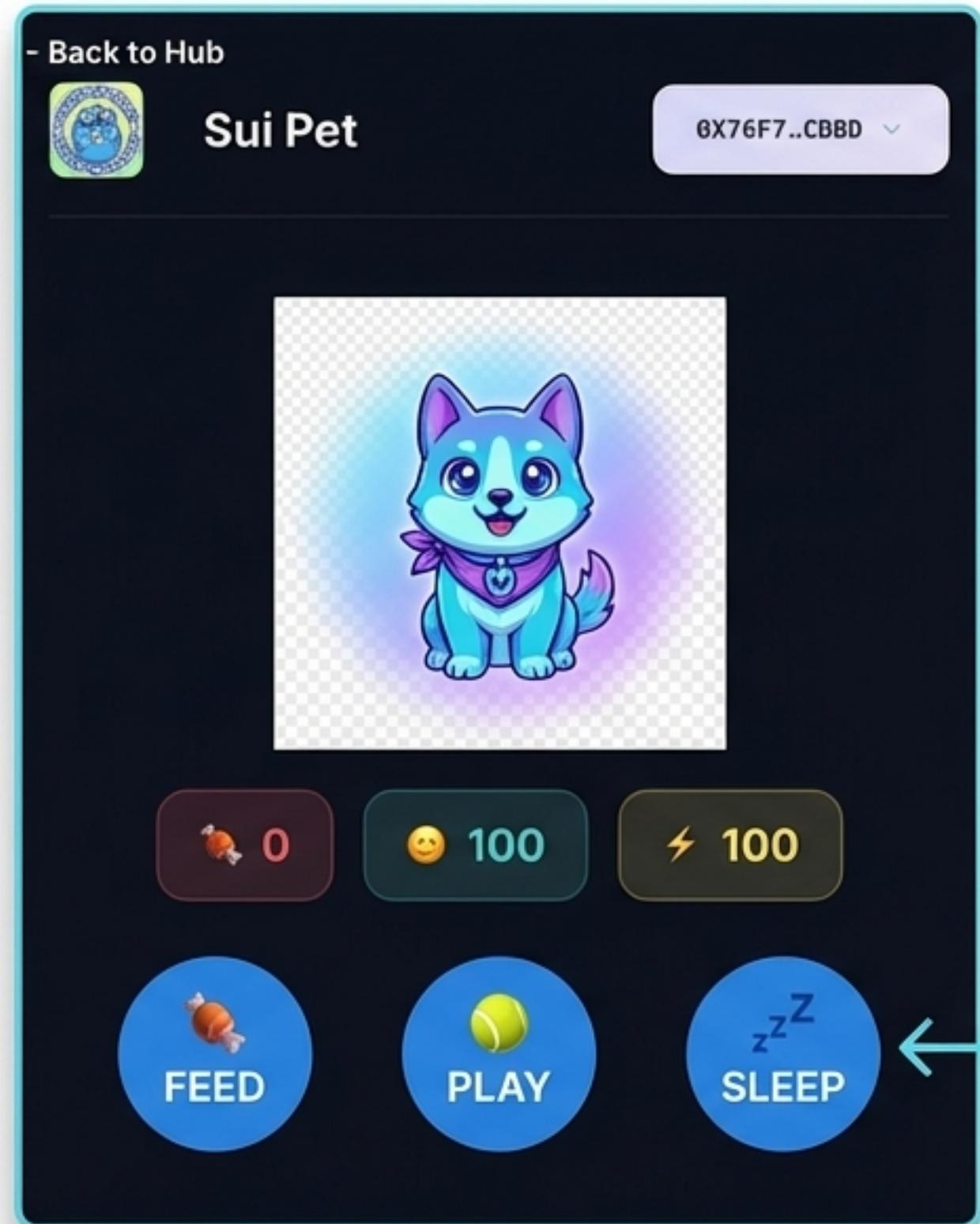
Raise your own on-chain pet using Move objects.

objects ownership
mutable-ref



Card Battle

Raise your own on-chain pet using Move objects.



Putting Pet to Sleep

Sleep **fully restores** Pet's energy (brings to 100).

But there's a side effect: Gets a bit hungry while sleeping (+10 hunger).

[Gas Fees]

(<https://docs.sui.io/concepts/tokenomics/gas-pricing>): Every blockchain operation requires a small fee. This 'gas' fee is paid to validators running the network.

Sui's advantage: • Gas fees are very low (measured in cents) • This allows frequent transactions in games • This game would be very expensive games • This game would be very expensive on Ethereum!

Gas Pricing | Validators

The Sui Advantage: Nearly Zero Gas Fees.

Gas fees are very low (measured in cents). This allows frequent transactions in games.

Sui



Ethereum



"This game would be very expensive on Ethereum!"

Quest 2: Master Complex Interactions.

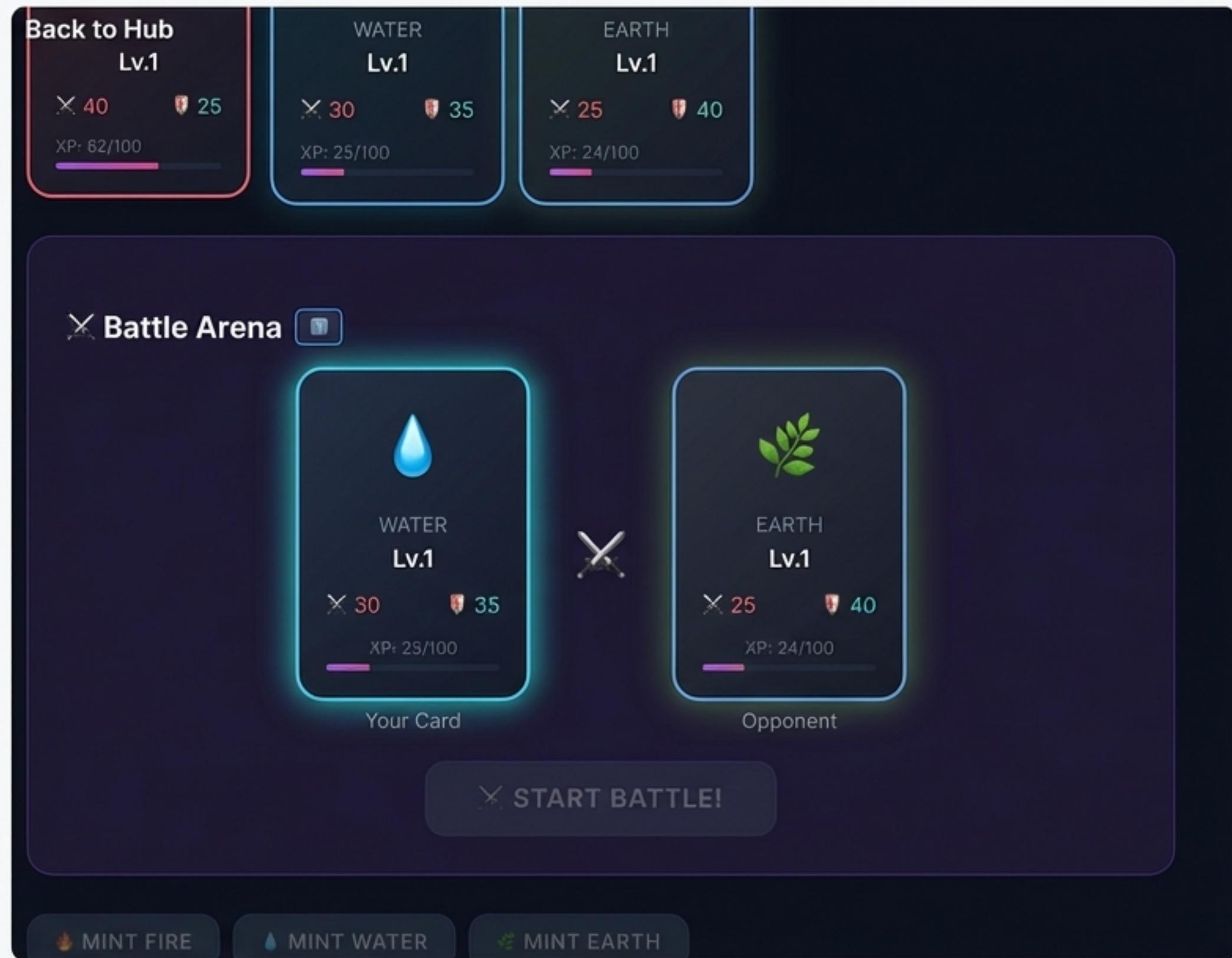
Next, you'll command NFTs in a Pokémon-style card battle. This quest teaches Dynamic NFTs, Vectors, and Object Wrapping.

The image shows two mobile application screens. The left screen displays the Sui Pet NFT interface, featuring a pet icon in a chain, a balance of 10.000 CHS, and buttons for 'Move', 'Balance', and 'Transfer'. The right screen shows the Card Battle game, which is a Pokémon-style NFT card battle. It features a circular logo with three cards and the text 'CARD BATTLE' and 'NFT CARDING'. Below the logo are buttons for 'dynamic-nft', 'vector', 'struct', and 'wrapping'.

Sui Pet
Raise your own on-chain NFTs using Move objects

Card Battle
Pokemon-style NFT card battle. Learn Dynamic NFT, Vector & Object Wrapping!

dynamic-nft vector struct
wrapping



TECHNICAL INSPECTOR

Battle Mechanics

The battle system works rock-paper-scissors logic:

🔥 Fire → 🌱 Earth (burns it)

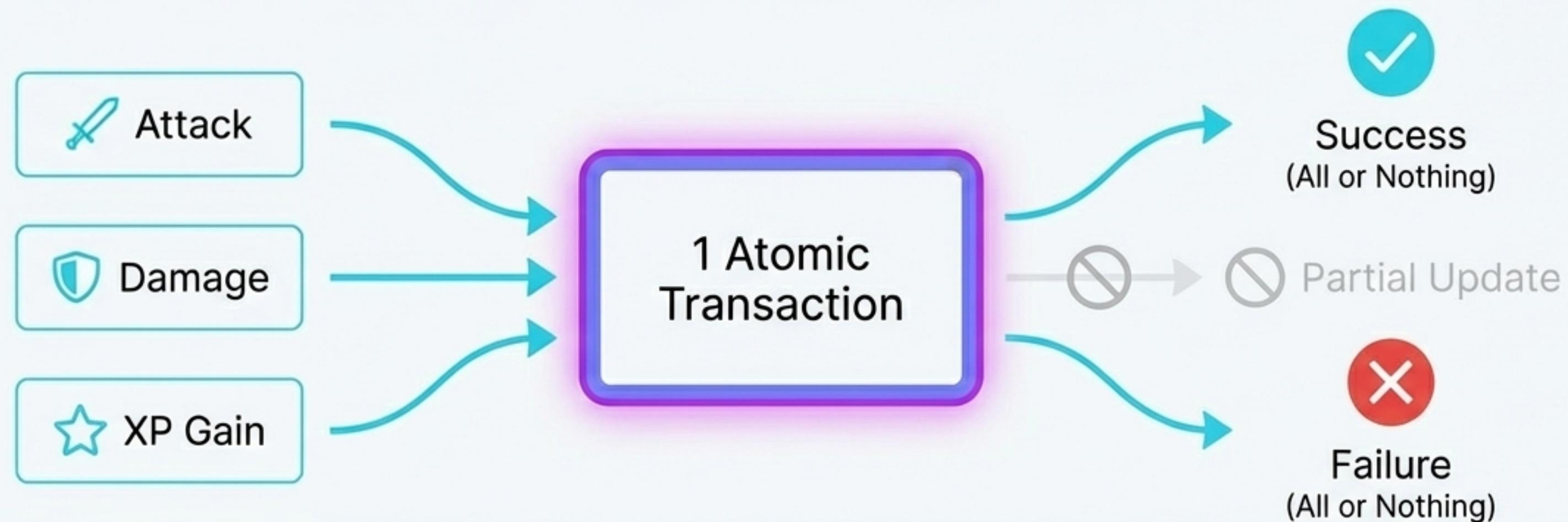
💧 Water → 🔥 Fire
(extinguishes it)

🌱 Earth → 💧 Water (absorbs it)

All changes happen atomically
in one transaction!

The Sui Advantage: Atomic Transactions.

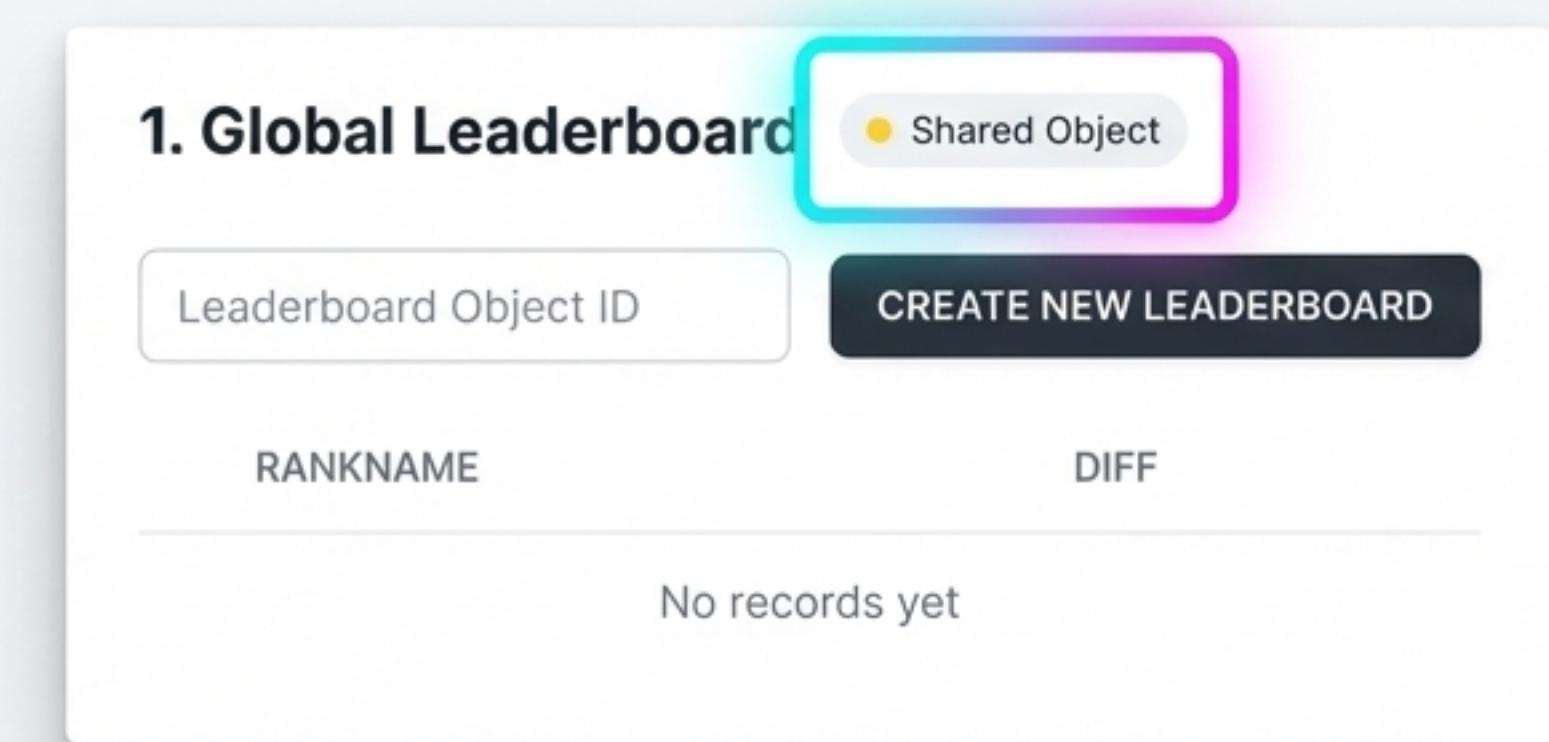
A player's attack, the opponent's damage, and the XP gain all happen together in a single, indivisible transaction. If one part fails, the whole thing is reversed.



Key Takeaway: No complex state management. No partial updates. Just simpler, safer code.

Final Quest: Explore Shared Objects

Some objects don't need a single owner. The Global Leaderboard in the 10.00s Challenge is a perfect example.



What is a Shared Object?

TECHNICAL INSPECTOR



Shared Object

Definition

An object with NO owner. Anyone can read and write.

Key Context

If it belonged to you, only YOU could update it. By making it shared, ALL players can add their scores.

Technical Note

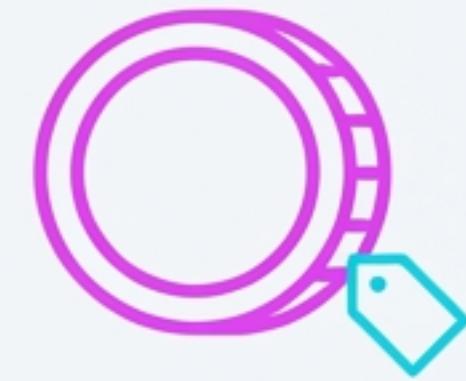
Shared object operations are a bit slower (requires consensus).

You Came, You Played, You Mastered.

The quest is complete. You haven't just played games; you've gained hands-on experience with the core primitives of the Sui network.



True Ownership



Low Gas Fees



Atomic
Transactions



Shared Objects