

Overview

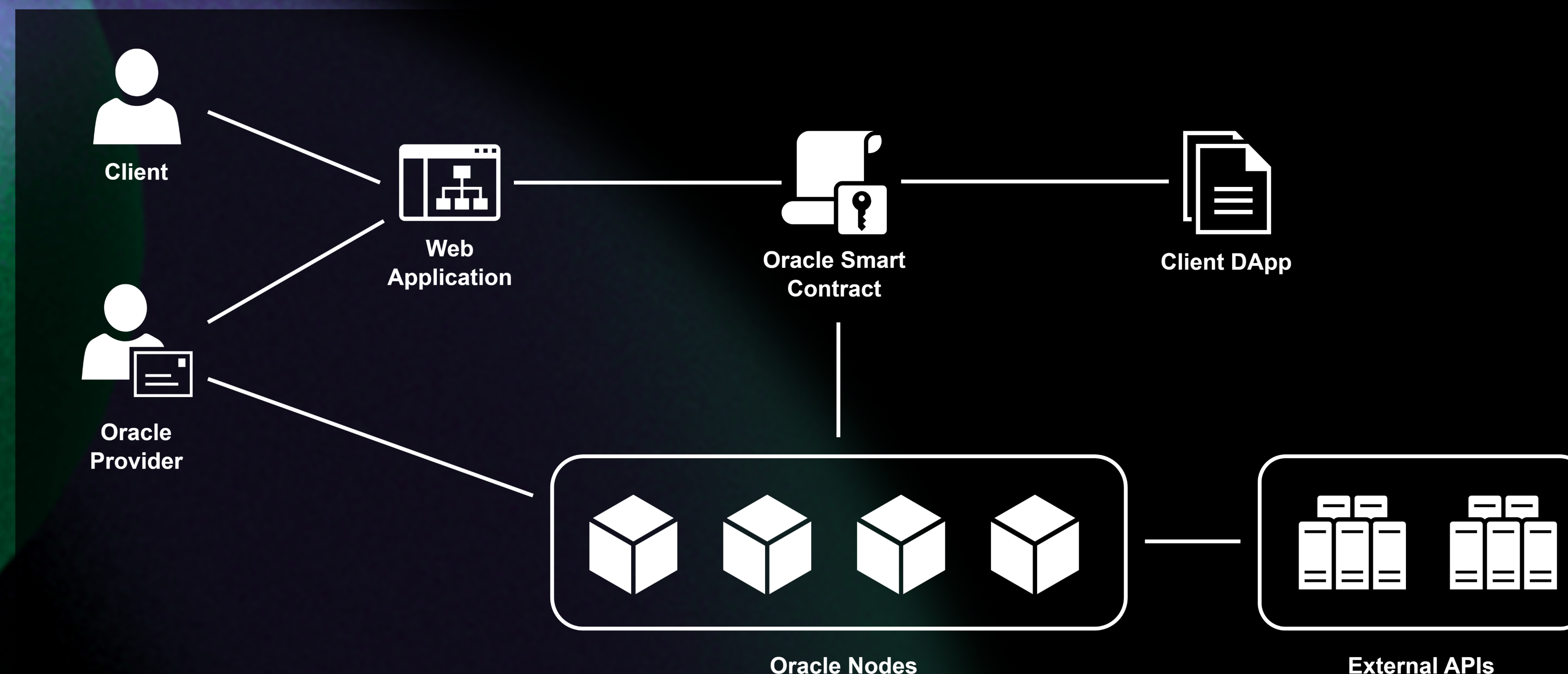
- Universal blockchain oracle built on the Solana network
- Allows users to create subscriptions which will periodically query any off-chain API of their choice and provide data to a specified application on-chain
- Decentralized network of oracles which relies on the Proof of Stake mechanism for consensus

Motivation

- Most commercial oracles only offer price data feeds
- Existing generic solutions offer limited functionality or require complex integration
- Only alternative is building your own oracle
- Our aim is to provide a simple-to-use interface which lets users create long-term "set-and-forget" subscriptions in mere seconds

What are oracles?

Decentralized applications can only access data stored on their respective chains. This becomes an issue if they require off-chain data to function. Blockchain oracles exist as a solution to this problem and act as a trusted third party which collects, verifies, and aggregates data before providing it to a smart contract on-chain.



Workflow

1. Customer opens the web app
2. Customer links their Solana wallet
3. Customer enters API information, subscription length and recipient address
4. Customer pays the cost of the subscription
5. Oracle smart contract registers the subscription
6. Oracles query APIs and report data to the smart contract
7. Data is relayed to the recipient

