

BlockDocuments.org

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Web3 standard retail form UI initiates with XRP payments via Xaman API signing with PDF downloads for optional Sologenic SOLO NFTs.

1. Oraichain LLM–BlockDocuments.org AI–UI Integration

Oraichain provides an oracle that helps fetch external data securely and its architecture is designed to focus more on AI data sources... to most publicly available blockchains [1].

Amid the AI revolution the most successful blockchains, indeed the survivors, will be those which optimize the emerging human-AI web3-blockchain UI interactions across the surviving blockchains.

Proof of concept UI **blockdocuments.org** standard retail forms operate on the XRP Ledger via Xaman (formerly Xumm) wallet API signing for a Wyoming Motor Vehicle Bill of Sale generating a PDF download with txhash links [2]. Users have the option to record the PDF→PNG-GIF converted images as Sologenic SOLO NFTs [3].

Workflow of Bill of Sale UI follows conventional expectations of first verifying items, identities of parties, agreeing on price, signing of the document, finalized by payment and transferring of material items.

Currently users manually enter in the retail form {key:value} pairs, however with the advent of AI and the Oraichain LLM data sources, future development is conceivable to be practical along the lines of AI-prompted AI-transacted retail forms of public record.

BlockDocuments supports cross-blockchain and platform scalability by operating entirely through the web3 browser with the blockchain backend hence of lightest weight for the internet and mobile service provider networks for all the surviving blockchains.

Future development is towards incorporating the smart contract logic of a partial payment into the main payment payload, analogous to a small credit card fee for hosting the transaction in a vendor app.

References

- [1] Oraichain, *Whitepaper*, 2024. <https://docs.orai.io/>
- [2] D. Harness, *AI X DeFi Cook-off Oraichain Hackathon*, DoraHacks 2024. <https://dorahacks.io/buidl/6202>
- [3] D. Harness, *Wyoming Motor Vehicle Bill of Sale*, Sologenic DEX, 2023. <https://sologenic.org/nft/0008000055955CE0E3A9981205C97D69C6DE242E70C6738A44B53FF000000003?network=mainnet>