LendingSapphire

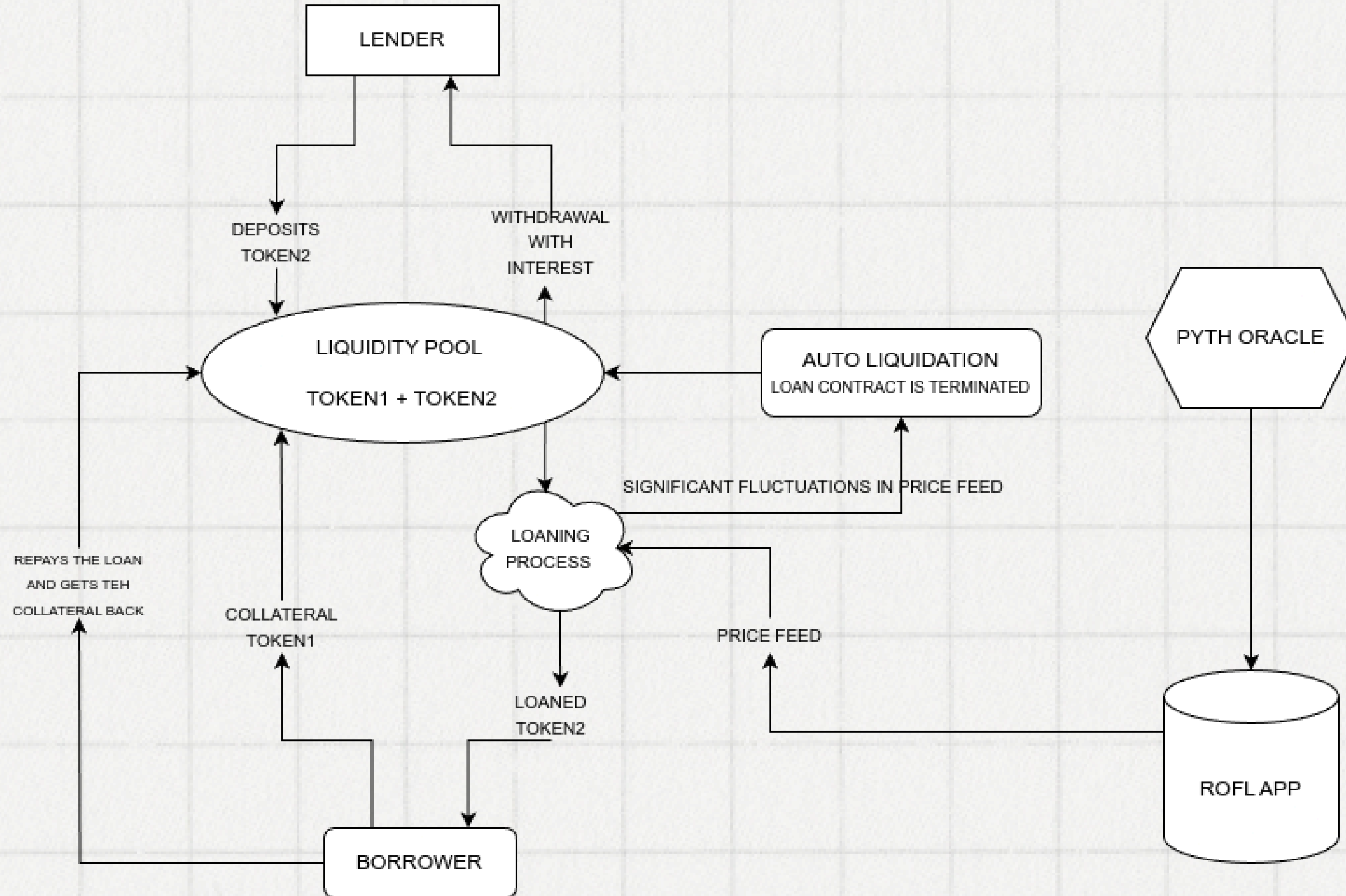Private Lending Platform

Introduction

- A private lending platform in the Oasis Sapphire blockchain that leverages on-chain and off-chain confidentiality to provide secure and private financial transactions
- It simulates a dual-token setup for loans and collateral, with automated oracle price feeds facilitated by Runtime Off-Chain Logic (ROFL) in Trusted Execution Environments (TEEs).
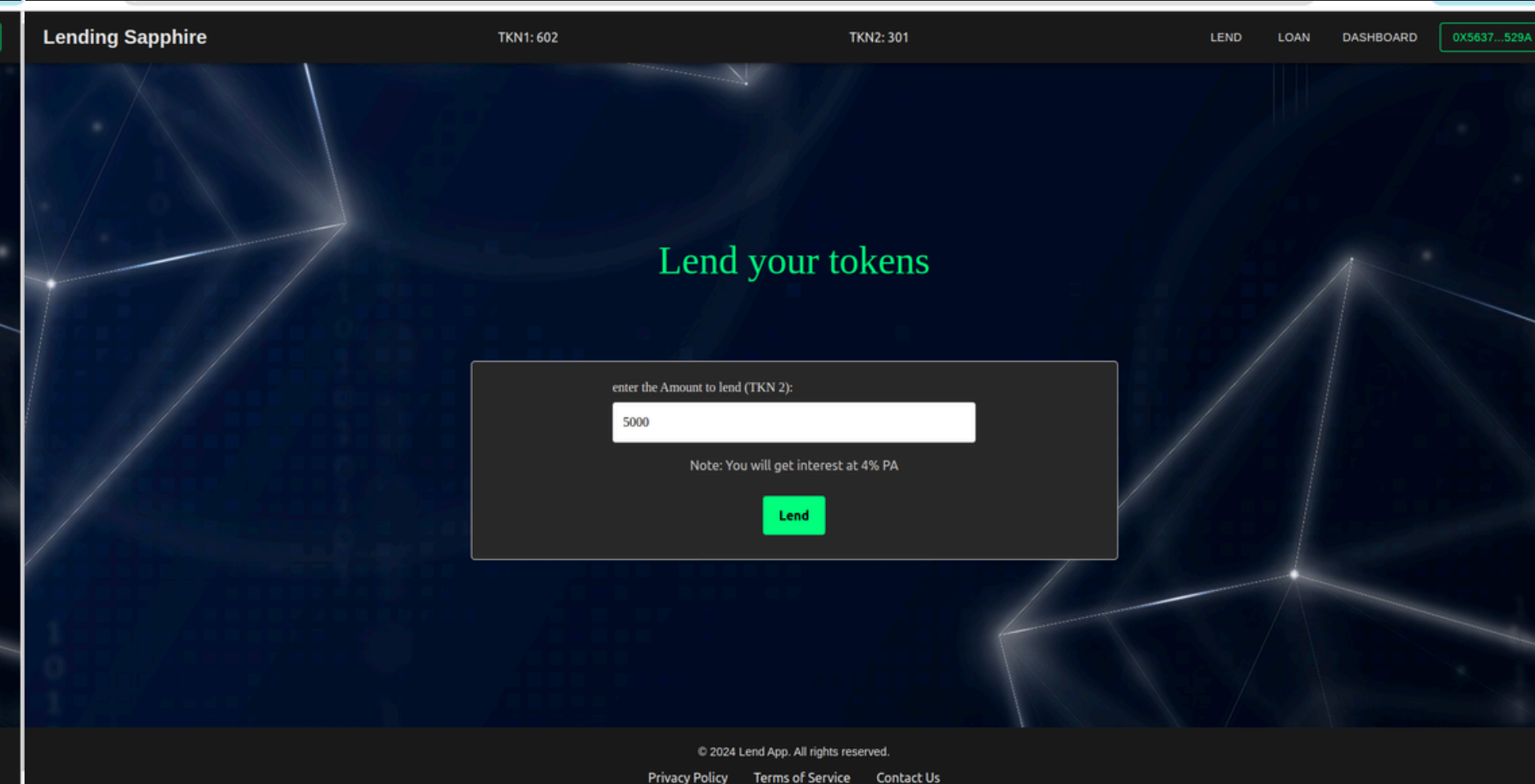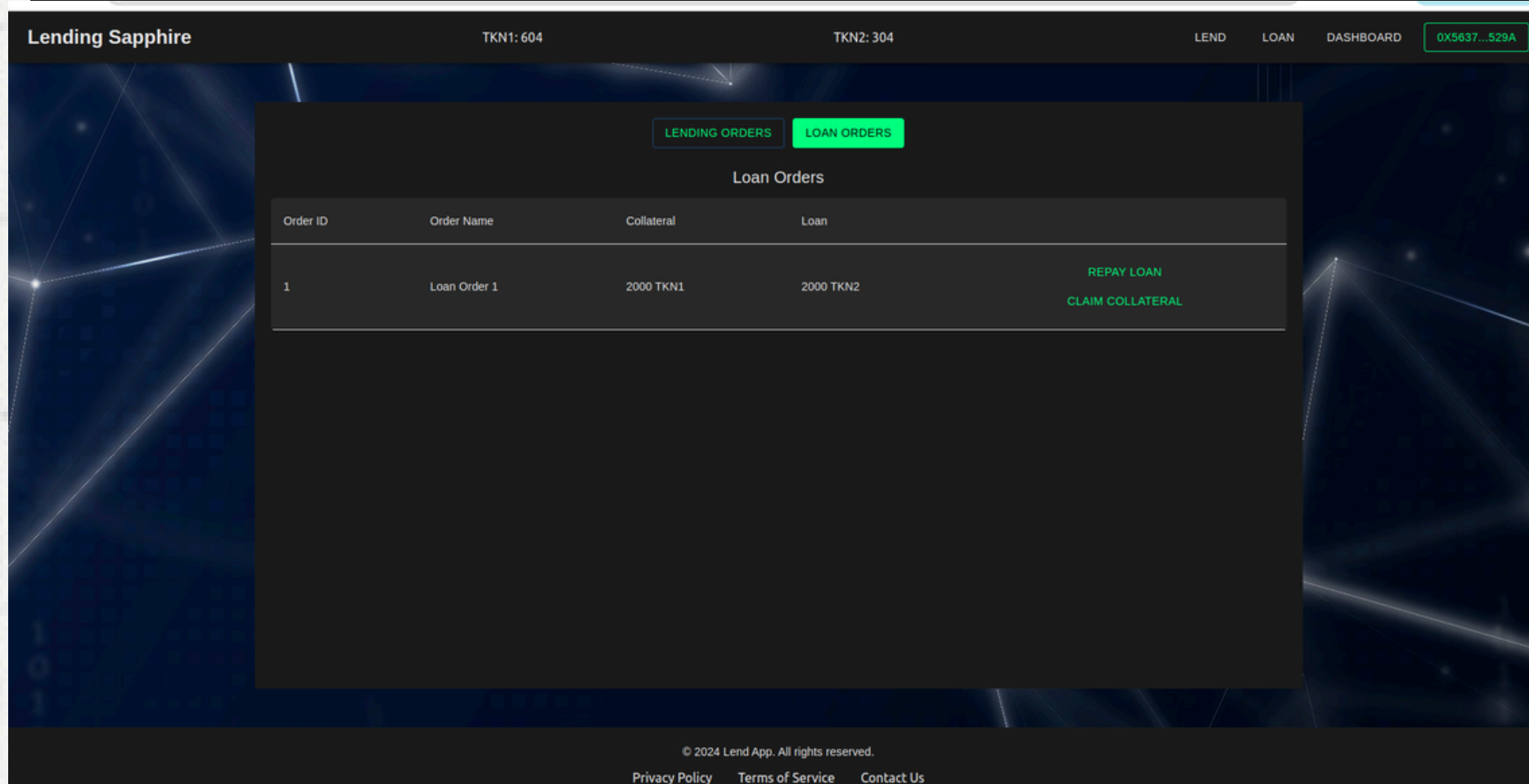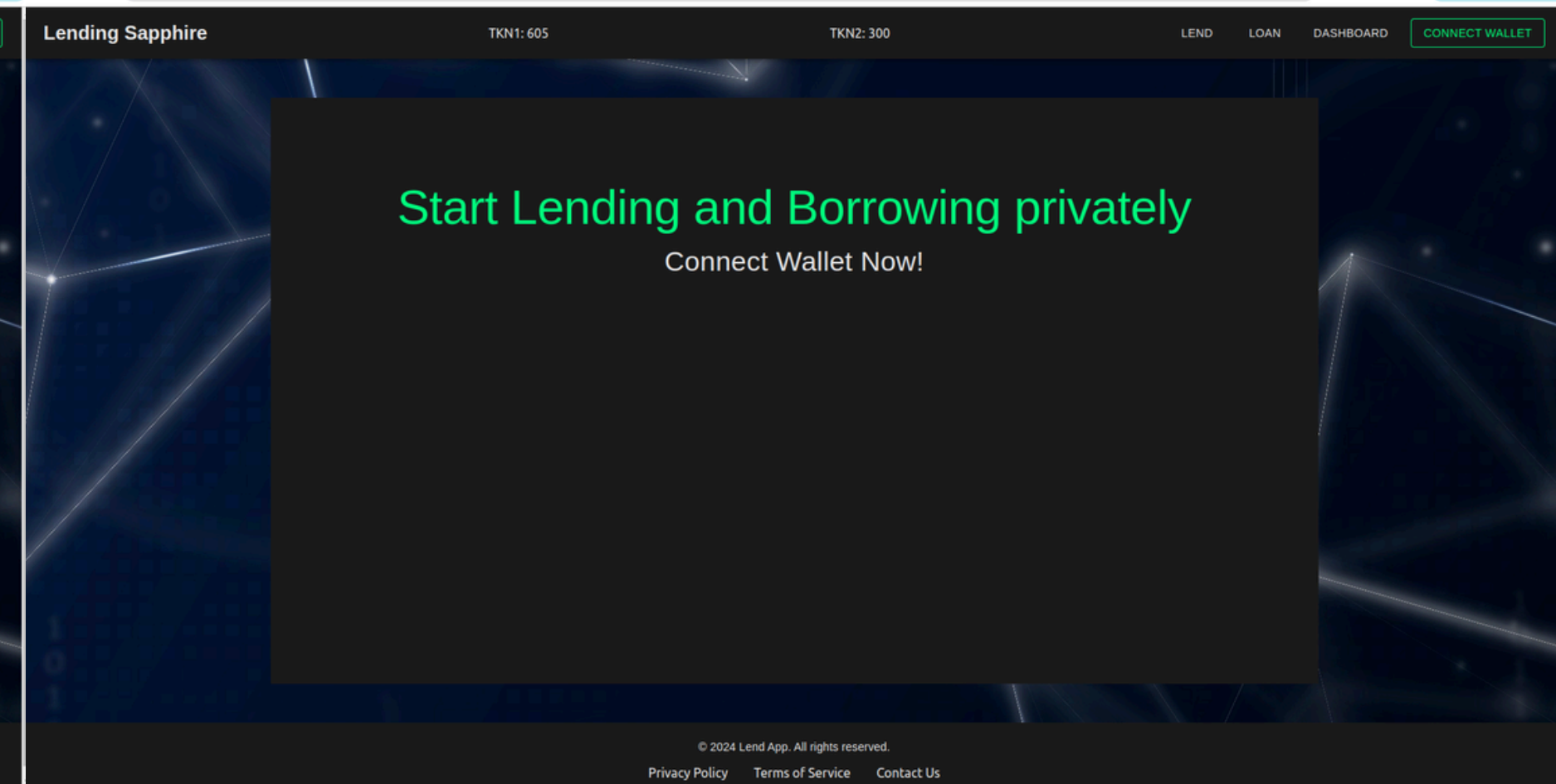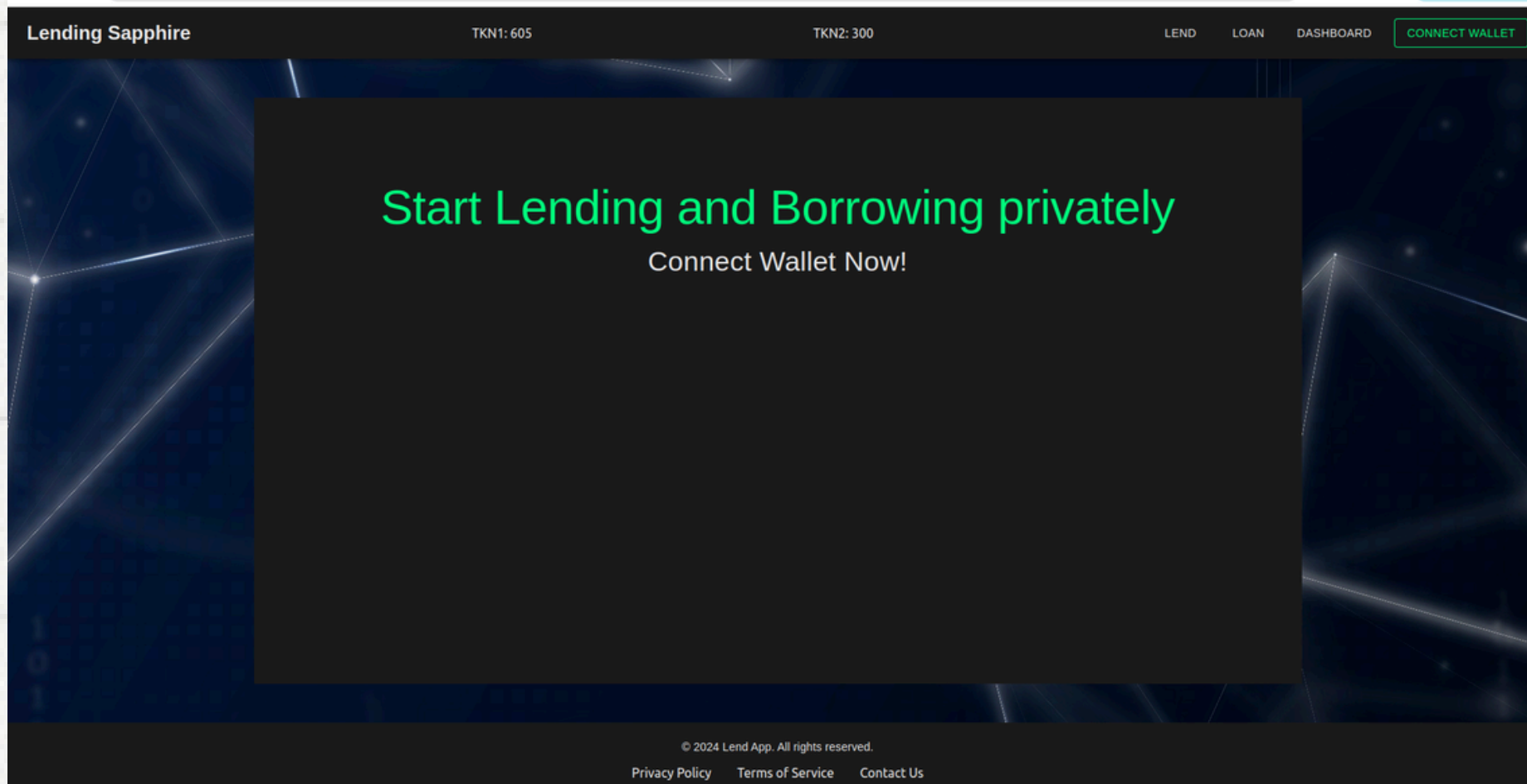

LENDIING SAPPHRE

Why?

- Eliminates the need for personal identification through KYC, ensuring user transactions remain anonymous and secure.
- Uses confidential smart contracts to keep transaction details private, preventing potential front-running and market manipulation.
- Integrates real-time data feeds to dynamically adjust loan terms based on market conditions, protecting both lenders and borrowers from volatility.
- Utilizes decentralised TEE's using ROFL's to secure the price feed, stopping anyone to mess with the price feed

App architecture

Our App

Thank you very much!