

Seal Message: Secure decentralized chat application

AI17er

content

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Session 01: Seal Message Introduction

01

Seal Message Introduction

SealMessage is a decentralized, real-time messaging application built on the Sui blockchain and powered by Walrus storage. Every message you send is protected with end-to-end encryption, ensuring that only intended recipients can read your conversations—no intermediaries, not even the servers.

Technical Foundation: Exploring How the Sui Blockchain and Walrus Storage Support the Functionality of SealMessage



Sui blockchain



Walrus Storage



Seal Encrypt

User Value: Analyze the core advantages SealMessage brings to users, especially in terms of privacy protection



Privacy-First Design

SealMessage ensures user privacy at the architectural level, with all communication data bypassing third-party servers, eliminating the risk of information leaks.



End-to-end encryption

The message content is encrypted during transmission between the sender's and receiver's devices, so even network nodes cannot access the plaintext information.



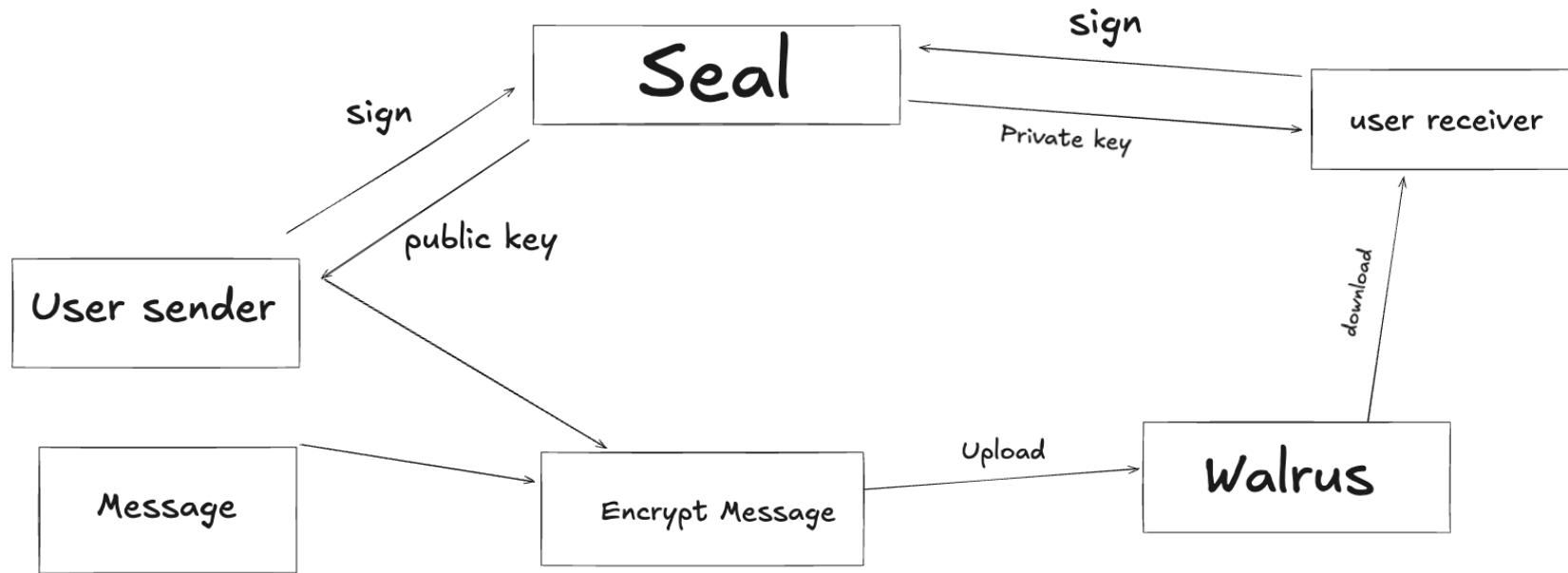
Decentralized control

Users have full control over their personal data, without needing to trust centralized platforms, preventing account bans and data abuse.

Session Two: Technical Architecture Analysis

02

Project Architecture

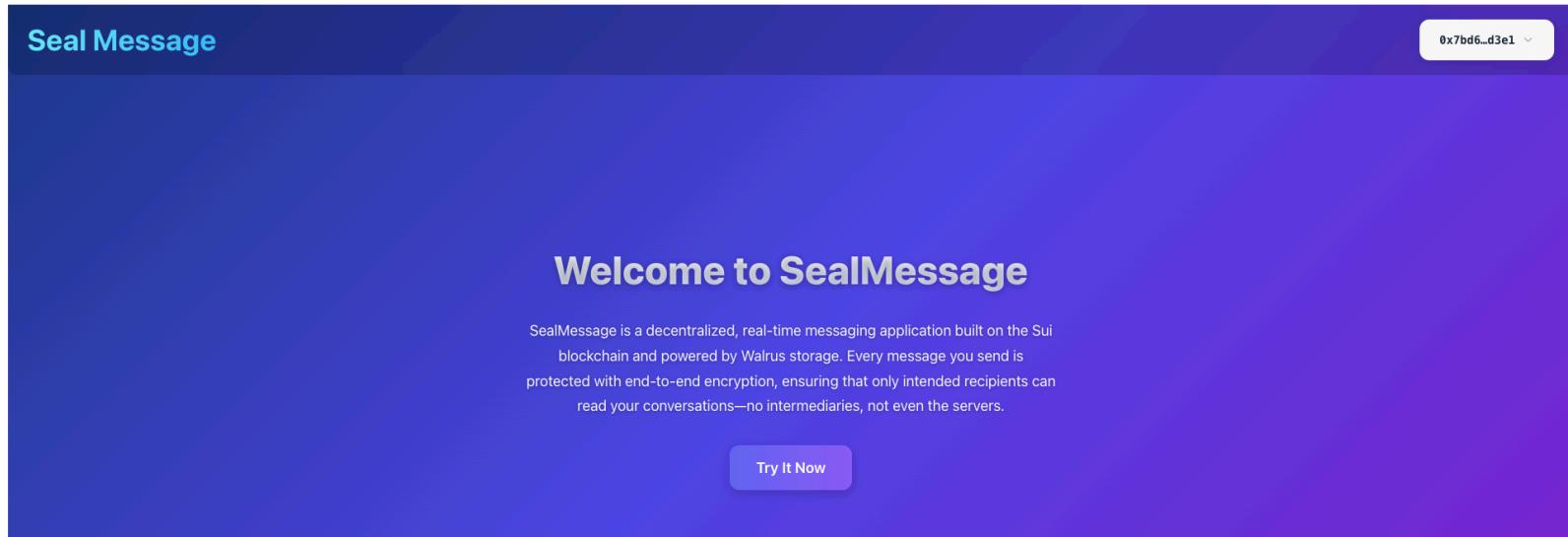


Session Three: User Experience and Feature Highlights

03

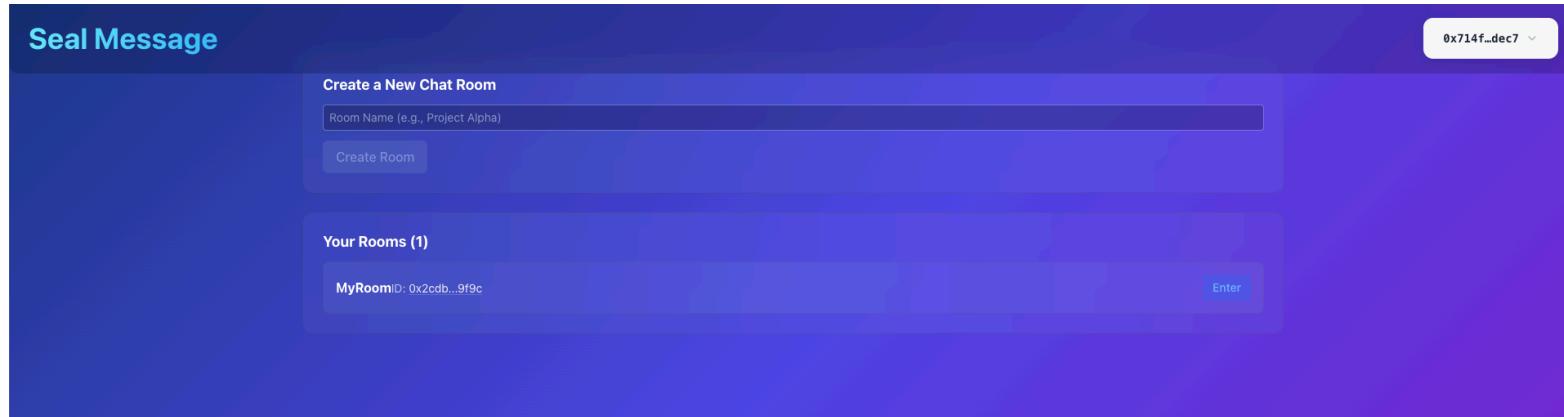
Interface Design: Showcasing the clean and intuitive user interface design of SealMessage

Home Page



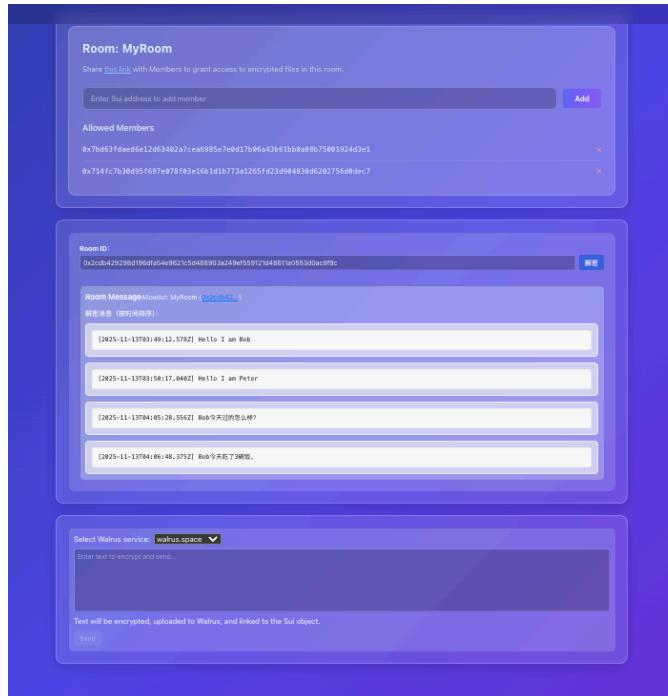
Interface Design: Showcasing the clean and intuitive user interface design of SealMessage

Create Room



Interface Design: Showcasing the clean and intuitive user interface design of SealMessage

Manage and Use



THANKS