

Seal Message:

Secure decentralized chat application



Al17er



content

目录

- 01** **Session one: Seal Message Introduction**
- 02** **Session Two: Technical Architecture Analysis**
- 03** **Session Three: User Experience and Feature Highlights**

Session 01: Seal Message Introduction

The background features several overlapping circles in various shades of green, ranging from light to dark. In the bottom right corner, the numbers '01' are displayed in a large, white, sans-serif font.

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.



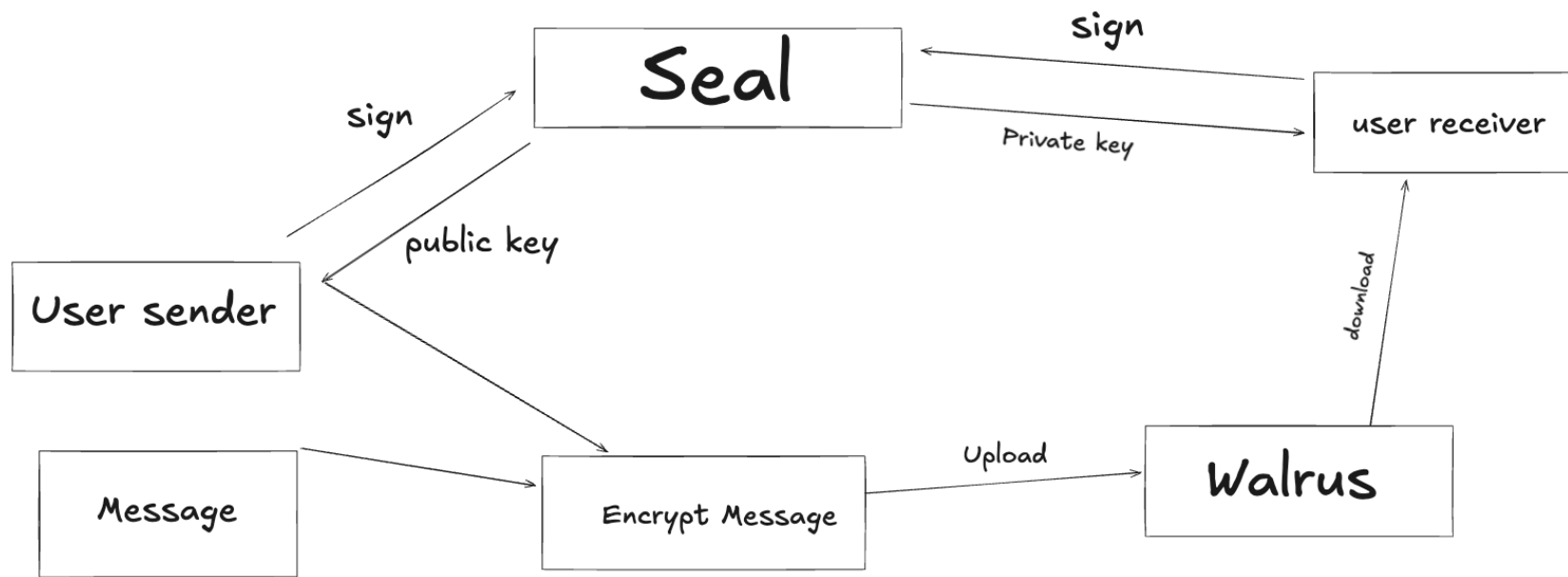
Decentralized control

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

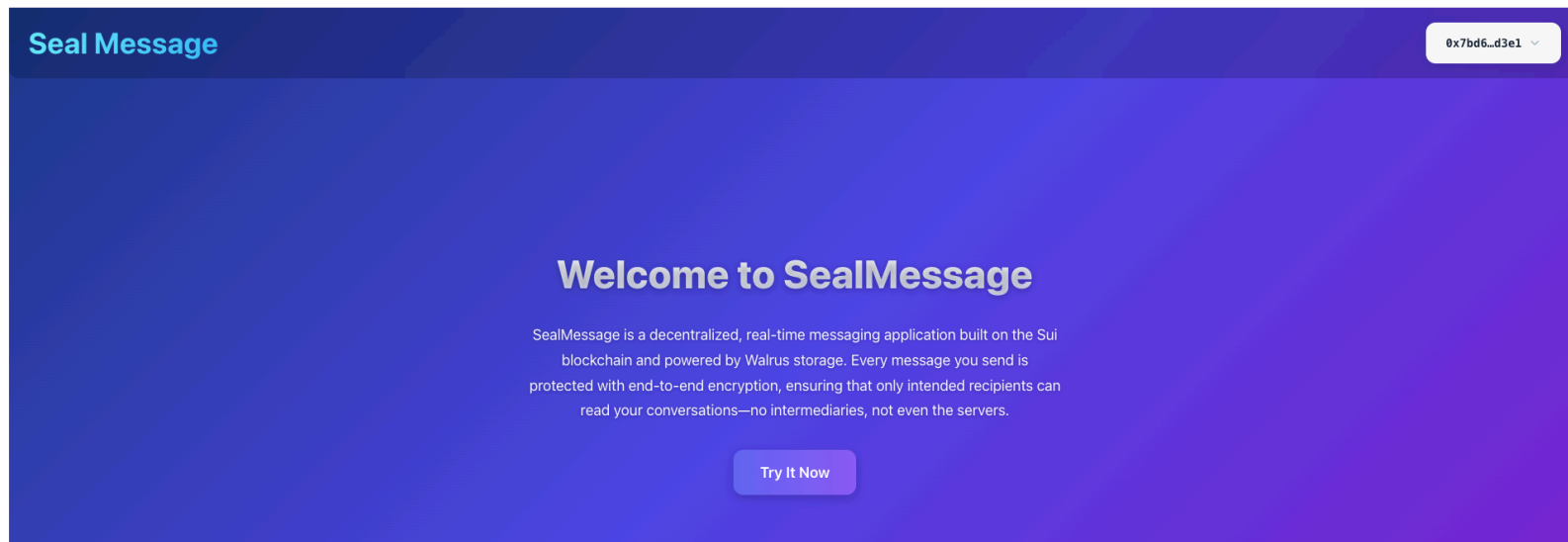


Session Three: User Experience and Feature Highlights

03

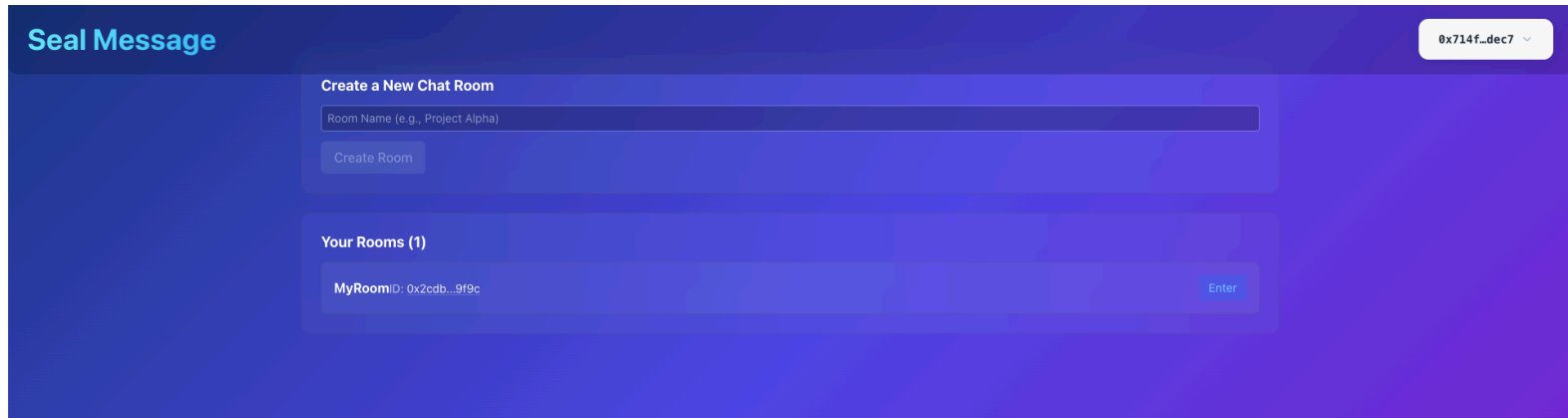
Interface Design: Showcasing the clean and intuitive user interface design of SealMessage

Home Page



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

Create Room



The image shows a mobile application interface for 'Seal Message'. The app has a dark blue header with the title 'Seal Message' in white. In the top right corner of the header, there is a white pill-shaped button containing the text '0x714f...dec7' and a small downward arrow. Below the header, the main content area is divided into two sections. The first section is titled 'Create a New Chat Room' and contains a text input field with the placeholder text 'Room Name (e.g., Project Alpha)' and a 'Create Room' button. The second section is titled 'Your Rooms (1)' and contains a text input field with the placeholder text 'MyRoomID: 0x2cdb...9f9c' and an 'Enter' button.

Seal Message

0x714f...dec7

Create a New Chat Room

Room Name (e.g., Project Alpha)

Create Room

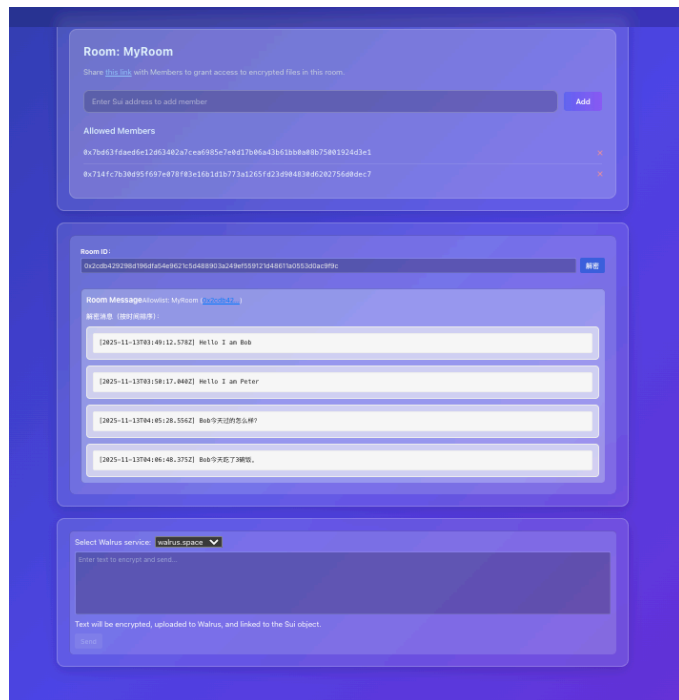
Your Rooms (1)

MyRoomID: 0x2cdb...9f9c

Enter

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

Manage and Use



THANKS

