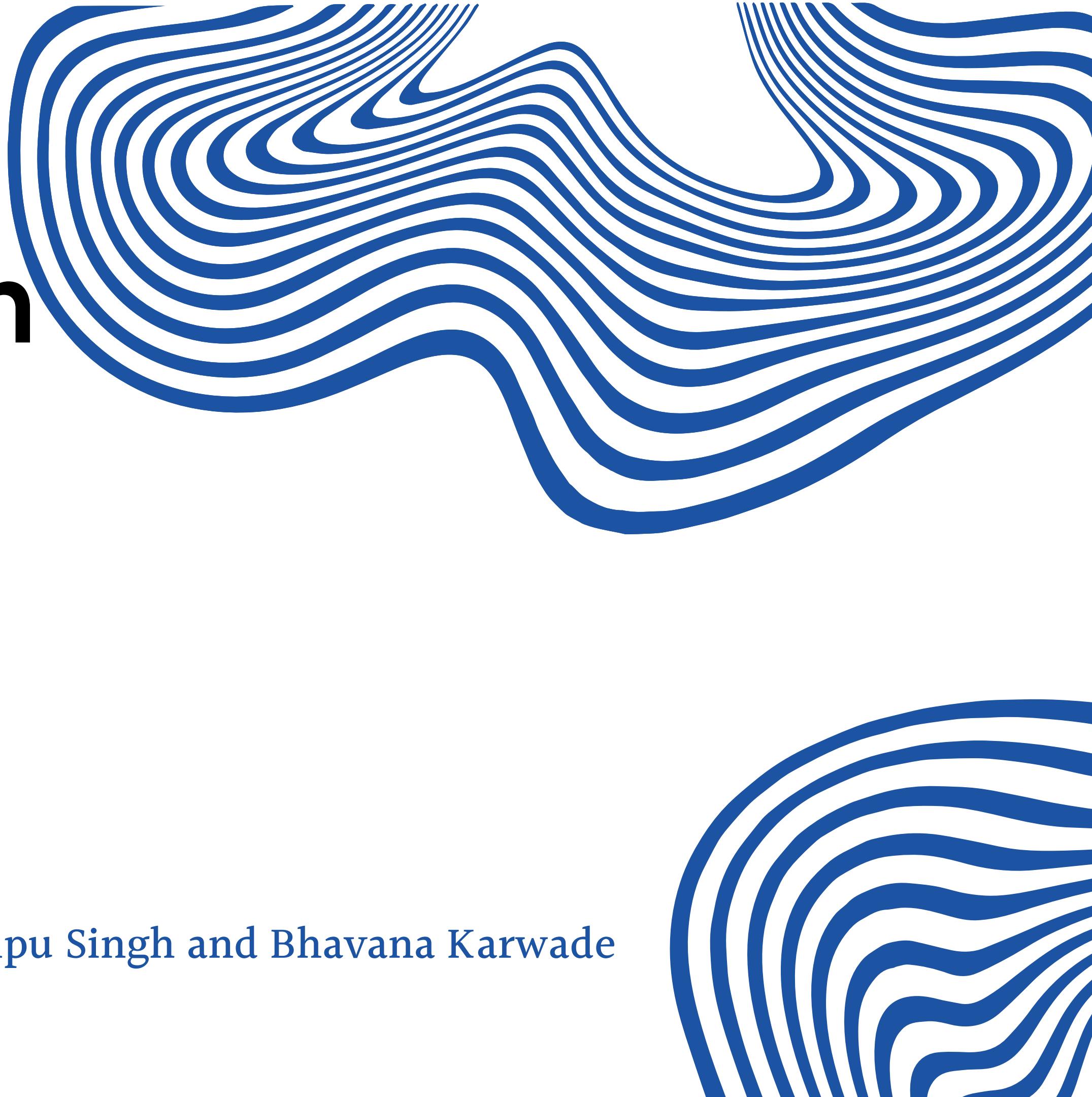


DIF Hackathon 2024

Track: Hospitality and Travel

Challenge: NetSys Challenge

Presented by Sai Ranjit Tummalapalli, Tipu Singh and Bhavana Karwade



OwnID

Your Profile, Your Control. Share
Securely, Anywhere.

Tech Stack

Frontend

- [React Native](#)
- [Expo](#)
- [React Native Paper](#)

Dependencies

- [Credo](#)
- [Bluetooth Module](#)

DIF Work Items Used

- [DIDComm](#)
- [DIDComm over Bluetooth](#)
- [Peer DID Method](#)
- [DIDExchange](#)
- [User Profile DIDComm Spec](#)

Solution Overview

- OwnID is an innovative, offline-first user profile application.
- Built on DIDComm protocols for secure, decentralized communication.
- Enables encrypted message exchange directly over Bluetooth.
- Prioritizes offline functionality for seamless profile sharing without internet access.
- Maintains user privacy and security

Use Cases

Food

Share dietary preferences and restaurant reservations.

HealthCare

Securely share health information and medical records.

Travel

Secure sharing of travel itineraries and personal information.

App Demos



Use Case: Food



Use Case: HealthCare



Use Case: Travel



Overview

OwnID is an innovative, offline-first user profile app designed to give users complete control over their digital profile.

Built on DIDComm protocols and DID methods, it ensures secure, decentralized communication by enabling the exchange of encrypted messages directly over Bluetooth. By prioritizing offline functionality, OwnID allows seamless profile sharing and secure interaction even in environments without internet access.

With the power of decentralized identity (DID) technology, users can maintain privacy and security while managing their profiles across various platforms.

Thanks

Keep building :-)

