

Metallic

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Overview

- Metallic is an intuitive mobile app payment platform that allows users to easily make cryptocurrency payments.
- Find other users and make payment based on username instead of long cryptocurrency addresses.
- Allows users to start sending and receiving payments in seconds - without having to understand how cryptocurrency technology works.

Cryptocurrency

Problem: Cryptocurrency has a steep learning curve.

Solution:

- Build a mobile app payment ecosystem on top of the blockchain.
- Use profiles and usernames instead of cryptocurrency addresses.
- Each account comes with a cryptocurrency wallet. It is easy to connect with friends and make payments.
- QR code scanning for receiving payments and deposits from off-app accounts.

Risk Management

Problem: cryptocurrency custodianship is a large liability

Solution:

- Wallet information held only on the device.
- Users must back up their accounts by writing down their mnemonic phrase.
- Users own their currency.
- Censorship resistance. Users always have access to their funds.

App Features

User Profiles

- Usernames prefixed with @ symbol
- Profile pictures

Contacts

- Quickly add or remove friends

User Search

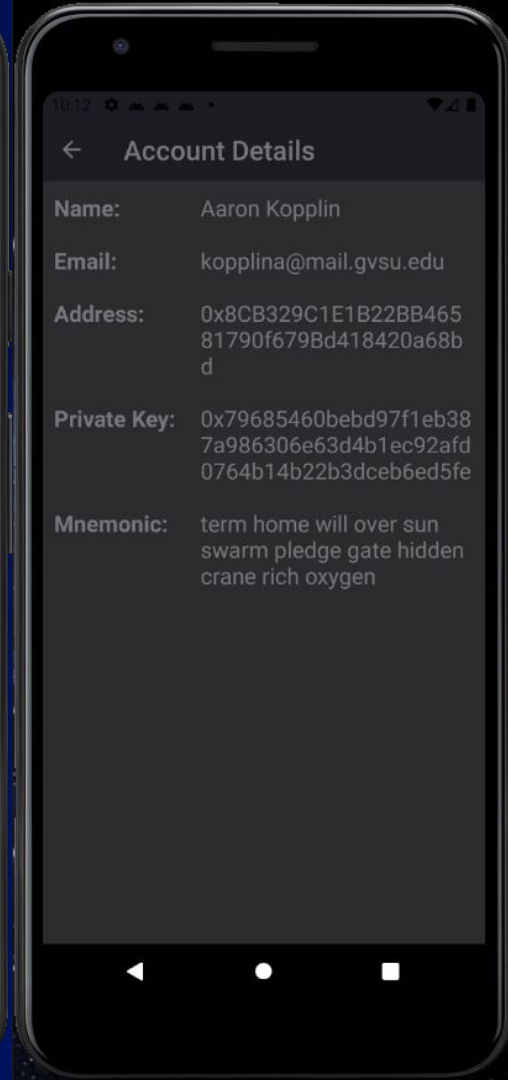
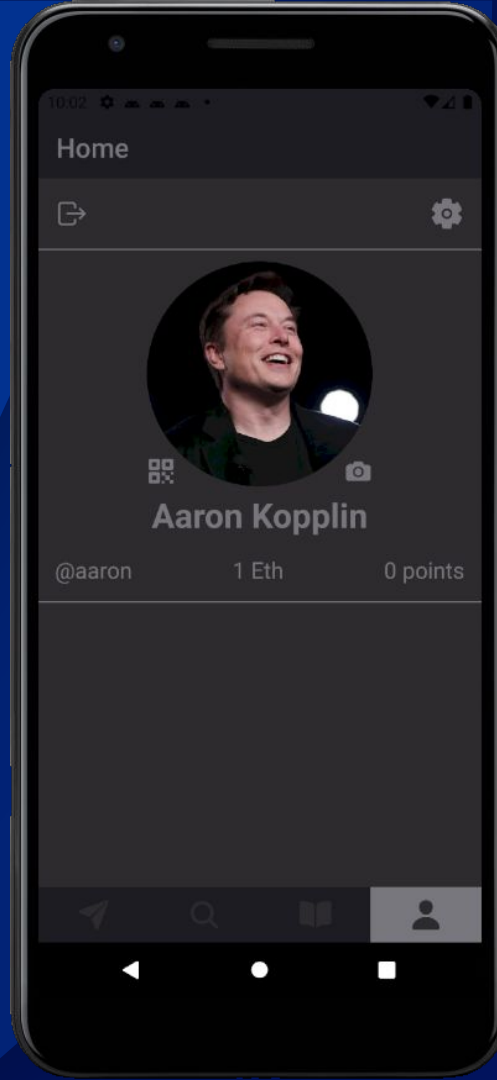
- Find other users by looking up their Usernames or Email.

Payment history and Chats

- All payments are recorded and stored.

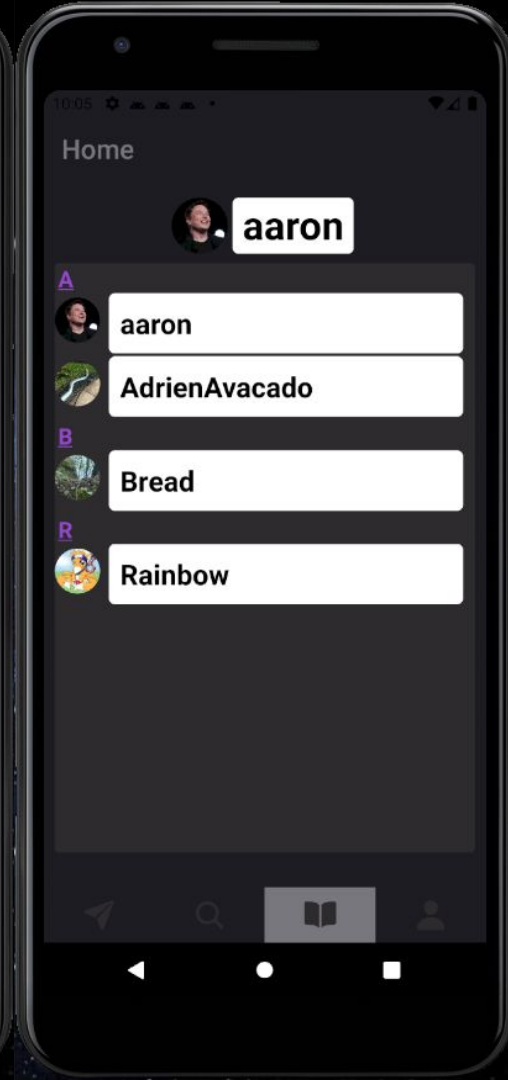
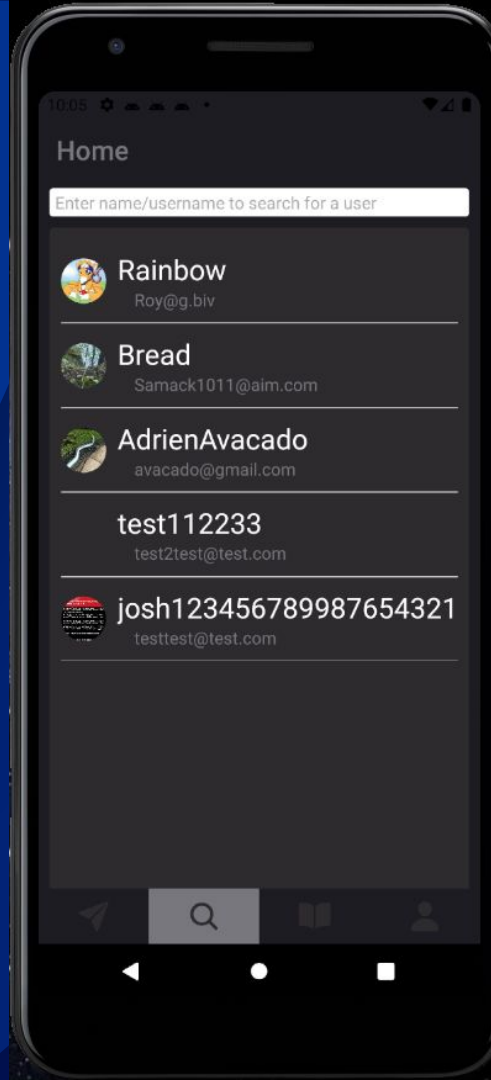
Account Screens

- ⦿ The gear icon will Take you to the Account Details.
- ⦿ Camera icon allows You to upload a profile Picture.
- ⦿ QR code button shows Your ethereum Address as a QR code.



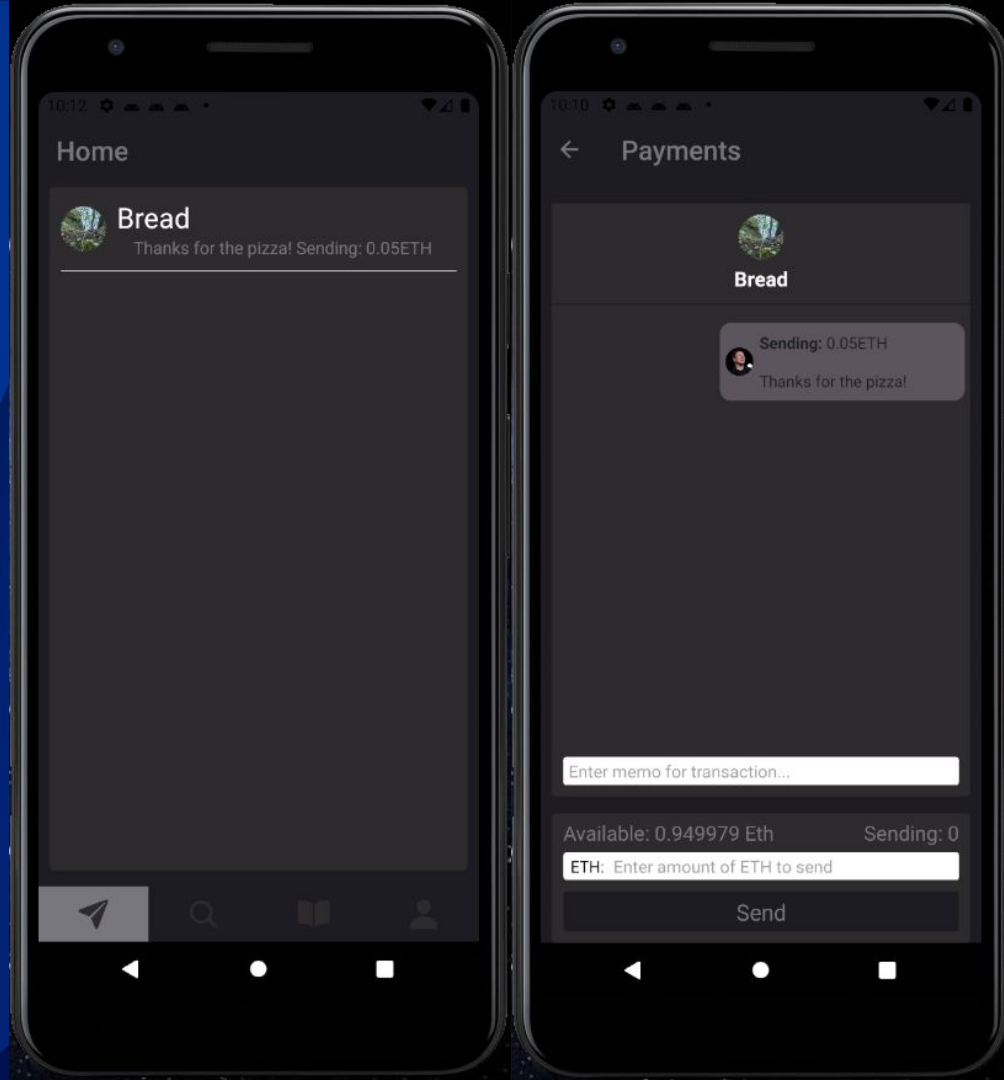
Search and Contact screens

- ◎ Search Screen shows All accounts on the App.
- ◎ Contact screen Lists your contacts.
- ◎ Tap on a user to see Their account page And send them a payment.



Recent Chats And Payments

- ◎ Recent chats shows Everyone you have Sent payments to.
- ◎ Payments shows All of your payments.



Technical Details

React Native App

- Cross platform for Web, Android, and IOS

Ethers JS

- Create wallets and send payments to the blockchain

Google Firebase

- Manage user accounts and authentication
- Real time data storage and retrieval