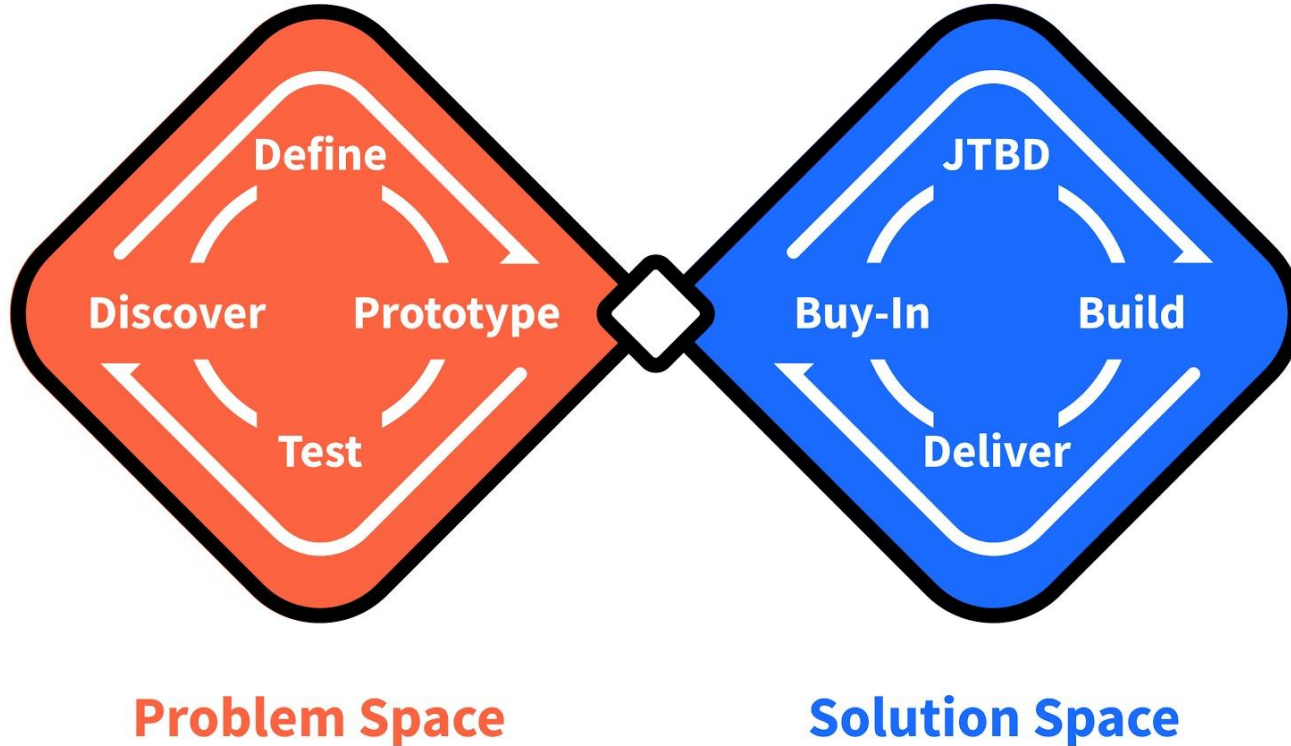


**Solana**

Margin Trading PR

# Product Thinking Framework



Discover

# High-level Scope Definition

# Project Scope

1. Build a solution similar to UniSwap
2. Enable Margin Trading
3. Submit a PR to Solana Repo

Discover

# **Problem Statement**

## Why is this a problem?

# Problem Statement

1. Understanding Margin trading is an advanced topic which requires a us to inform the user on what margin, collateral and other terms and workflow represent.
2. Many people find themselves liquidated because they did not get notified to cover quickly enough. We should engage users where they are using Push/Wearable notifications.

Define

# **Provisional** User Persona

# Chris Wilson - 29

**New Trader - Looking for information.**

## Feels

Anxious to learn more about crypto and DeFi trading.

Hoping the process can be simple and painless.

## Does

Looks at Reddit and Youtube to understand more. Downloads a few apps to see what works well.



## Subject Familiarity



## Introvert Extravert





Define

# Constraints & Limitations

# Constraints & Limitations

1. **Platform** - Build for iOS native app with Android to follow.
2. **User** - Build an app that appeals to millennials to trade margin.
3. **UI Style** - Design around Solana branding in Dark mode theme.

Define

# Brainstorm Solution

## Trader Chris's

## User Tasks



# Margin Trading User Tasks

1. Help Onboard the user.
2. Present Apply for Margin and Risk Education.
3. Import Crypto/Cash Collateral.
4. Enable a UI to DeFi trade.
5. Help user maintain a healthy Margin Score.

Prototype

# Early Whiteboarding

# LP Actions

Deposit Collateral X

☒ ☐

FROM Add

Wells Fargo ... 249

~~Keddy Nanc v 2~~

ComBase

Bitcoin ▼ 125  
BTC 24.75

Deposit ⬇

Home

Trans

Price

Tools

Withdraw Collateral X

Open Positions

2164

1114

Close Positions

Bitcoin ▼ 0.00  
BTC

Withdraw

Home

Trans

Price

Tools

# Trader Actions

## Long position

**Trade**

Account  
Margin 3X \$29,716.12  
1.25 BTC Health 100%

---

**Pairs**

Bitcoin BTC USDC USDC

Long short

Qty 0.00 Price 0.00

Value 0.000BTC  
Balance 0.000BTC

---

Home Trade Prices Profile

Bitcoin BTC USDC USDC

Long short

Qty 2.00 Price 60.000

Value 2.000BTC  
Balance 2.000BTC  
Lending Fee \$287/w  
34¢/week

Confirm Order

cancel

---

Home Trade Prices Profile

**Pairs**

Bitcoin BTC USDC USDC

Long short

Qty 0.00 Price 0.00

Value 0.000BTC  
Balance 0.000BTC  
Lending Fee \$287/w  
34¢/week

Confirm Order

cancel

---

Home Trade Prices Profile

# Trader Actions - View/Close Position

Positions ▾ Add

Short P/L +13.4

BTC-USDC 2.2

Val -13.1 Entry -7592

Mark -7597 Liquid -501

Edit +


Long P/L -5.61





BTC-USDC 1.25

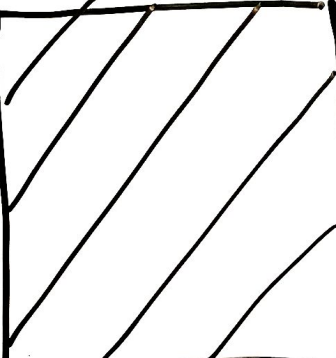
Val 13.1 Entry 7592

Mark 7597 Liquid 562

Editing -

Update → 





   



Close Position X

P/L 5.61 ~\$1756

confirm close



Create Account

Sign in: ☐ ☐

Email/Phone

☐ Terms & Conditions

Create

Create Account

Apply for  
Margin  
Trading?

Apply

Apply Offer

Trade Margin<sup>X</sup>

Risks

☒ ☒ ☒

☐ Agree to terms

Continue

Risks & Terms

Add Collateral<sup>X</sup>

Connect

Bank ☐ Wallet ☐

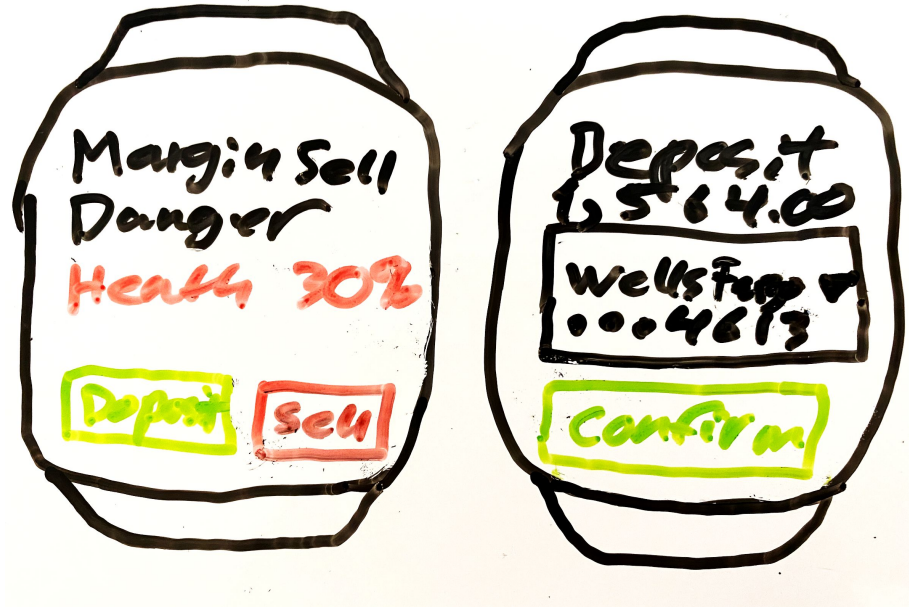
Back (cancel)

Collateral

# Margin Danger!

Allow users to cover margins in an easy and timely way.

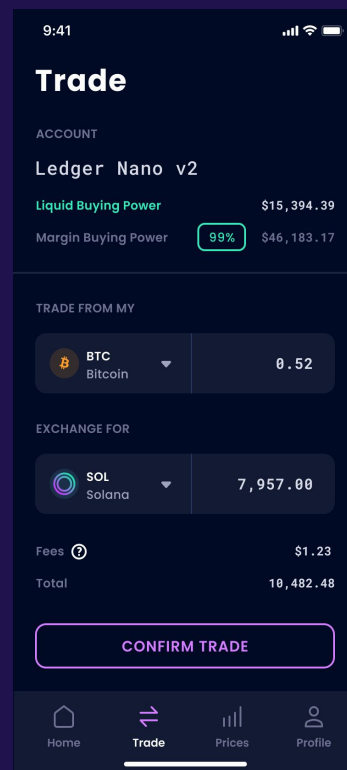
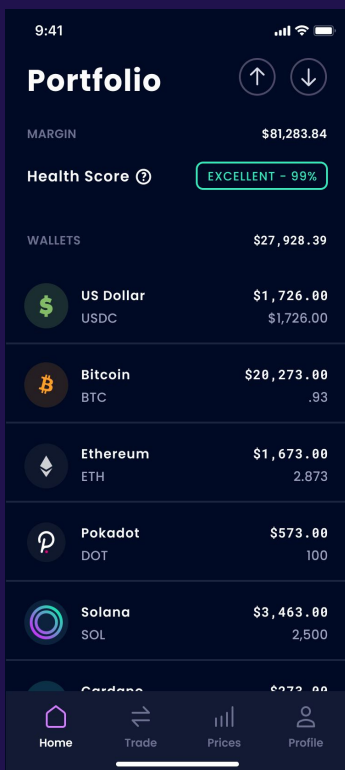
Send push notifications on phone or AppleWatch.



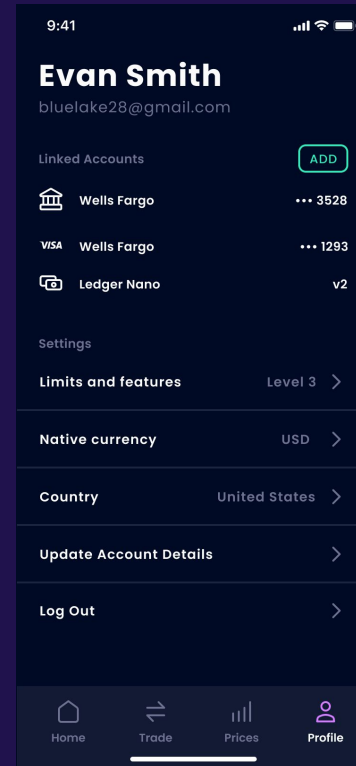
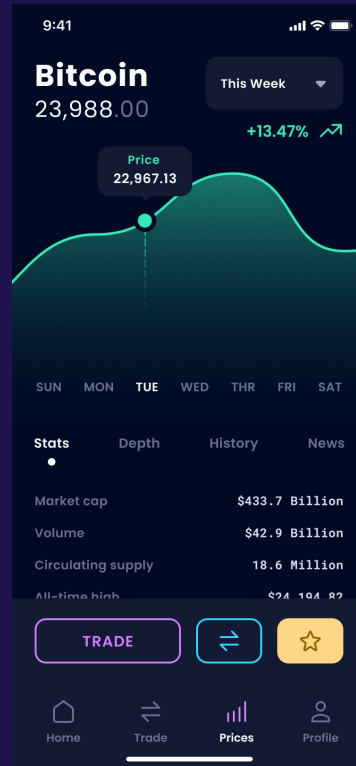
Deliver

# Final UI Prototype





## Home / Portfolio and Trading Screens



## Pricing screens and Profile settings

Reflect

**Would have**  
done differently

1. **Built a desktop version to reflect the Uniswap style UI.**
2. **Researched more margin trading flows to simplify user interface.**

Swap is unaudited software. Use at your own risk.

Swap Pool Charts Trade? Help?

Trade Pool

Input 0.00 Balance: 0.000000 SOL

To (Estimate) 0.00 Balance: 0.000000 USDC

Connect Wallet

**Thank**  
You!