

Satshack  
2023

Betcoin



# Motivation: Use innovative tech in an intuitive idea



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X

I just entered in a bet via a DLC (with adaptor sig) with  
[@Chris\\_Stewart\\_5](#) on the US elections.

He used [github.com/bitcoin-s/bitc...](https://github.com/bitcoin-s/bitc...)

I used [github.com/dgarage/NDLC](https://github.com/dgarage/NDLC) (not ready for others  
but me yet, will brush up this week and next week + vid)



Outcome Observer @OutcomeObserver

Hoot hoot! I will BIP340 sign the result of the 2020 USA Presidential  
Election with the following nonce:  
92ba989222e76cf0cb263fedd67587812110bde1dc1468bef63c8f6974692e  
a1

The message will be the SHA256 hash of "Republican\_win" or  
"Democrat\_win" or "other"

Did you get all that?

First Discreet Log Contract  
on Bitcoin's mainnet: **Bet**

*A Discreet Log Contract (DLC) is a  
simple oracle contract scheme  
proposed by Tadge Dryja of MIT in  
2018*

Opportunity

Implementation

Our Solution

Features

Feasibility





# Opportunity to offer a way to bet using Bitcoin

## Bitcoin



Brazilian market in bets is **huge** and can be promoted by Bitcoin



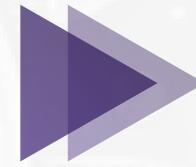
Betcoin is as a way to connect **anonymity**, **decentralization**, and fun.

## DLC Multisig

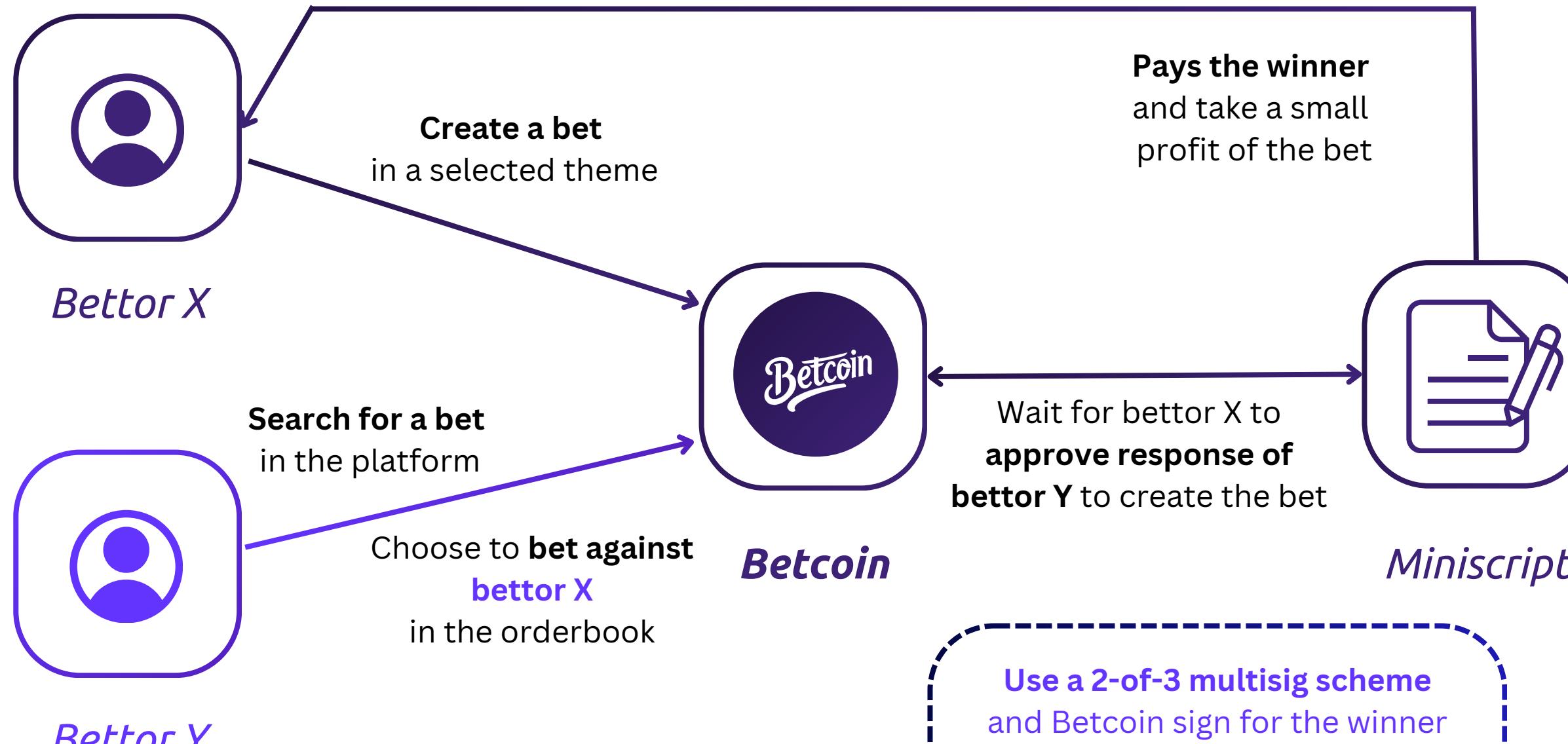


Offer efficient light payments to bet fast and secure using Bitcoin technologies

DLC secures transactions in the platform using a **2-of-3 multi-signature scheme**



# Flow to bet in our platform and technology used

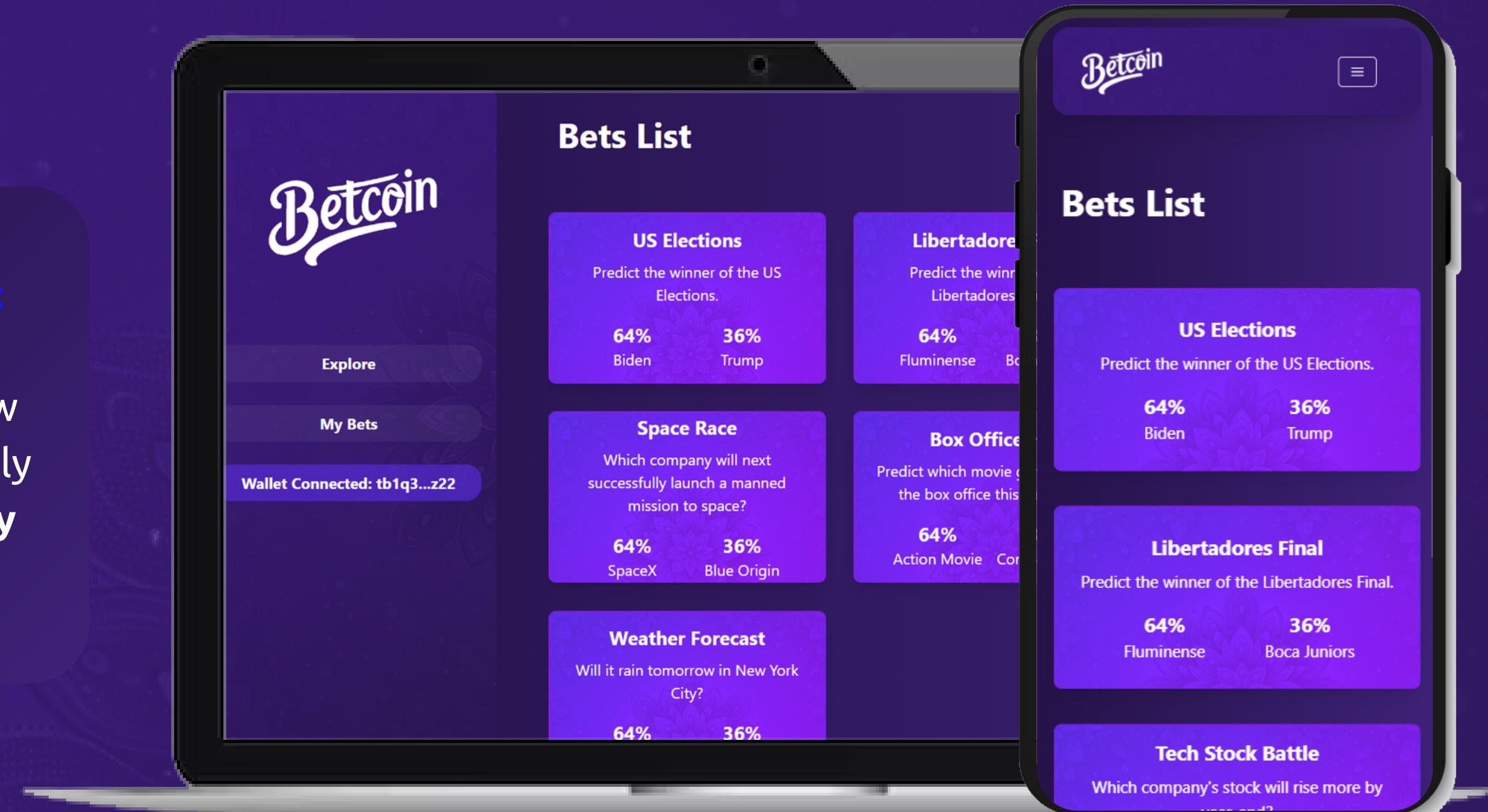




# Betcoin: Use innovative tech in an intuitive idea

## Betcoin solution:

A platform to allow users to bet in a fully decentralized way using Bitcoin



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# User Experience Path

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Betcoin



# Choose a theme to bet or create one

## Bets List

**US Elections**  
Predict the winner of the US Elections.

|     |       |
|-----|-------|
| 64% | Biden |
| 36% | Trump |

**Libertadores Final**  
Predict the winner of the Libertadores Final.

|     |              |
|-----|--------------|
| 64% | Fluminense   |
| 36% | Boca Juniors |

**Tech Stock Battle**  
Which company's stock will rise more by year-end?

|     |           |
|-----|-----------|
| 64% | Apple     |
| 36% | Microsoft |

**Space Race**  
Which company will next successfully launch a manned mission to space?

|     |             |
|-----|-------------|
| 64% | SpaceX      |
| 36% | Blue Origin |

**Box Office Hit**  
Predict which movie genre will top the box office this weekend.

|     |              |
|-----|--------------|
| 64% | Action Movie |
| 36% | Comedy Movie |

**Bestselling Book**  
Which category will top the bestsellers list this month?

|     |             |
|-----|-------------|
| 64% | Fiction     |
| 36% | Non-Fiction |

**Weather Forecast**  
Will it rain tomorrow in New York City?

|     |         |
|-----|---------|
| 64% | Rain    |
| 36% | No Rain |

Opportunity

Implementation

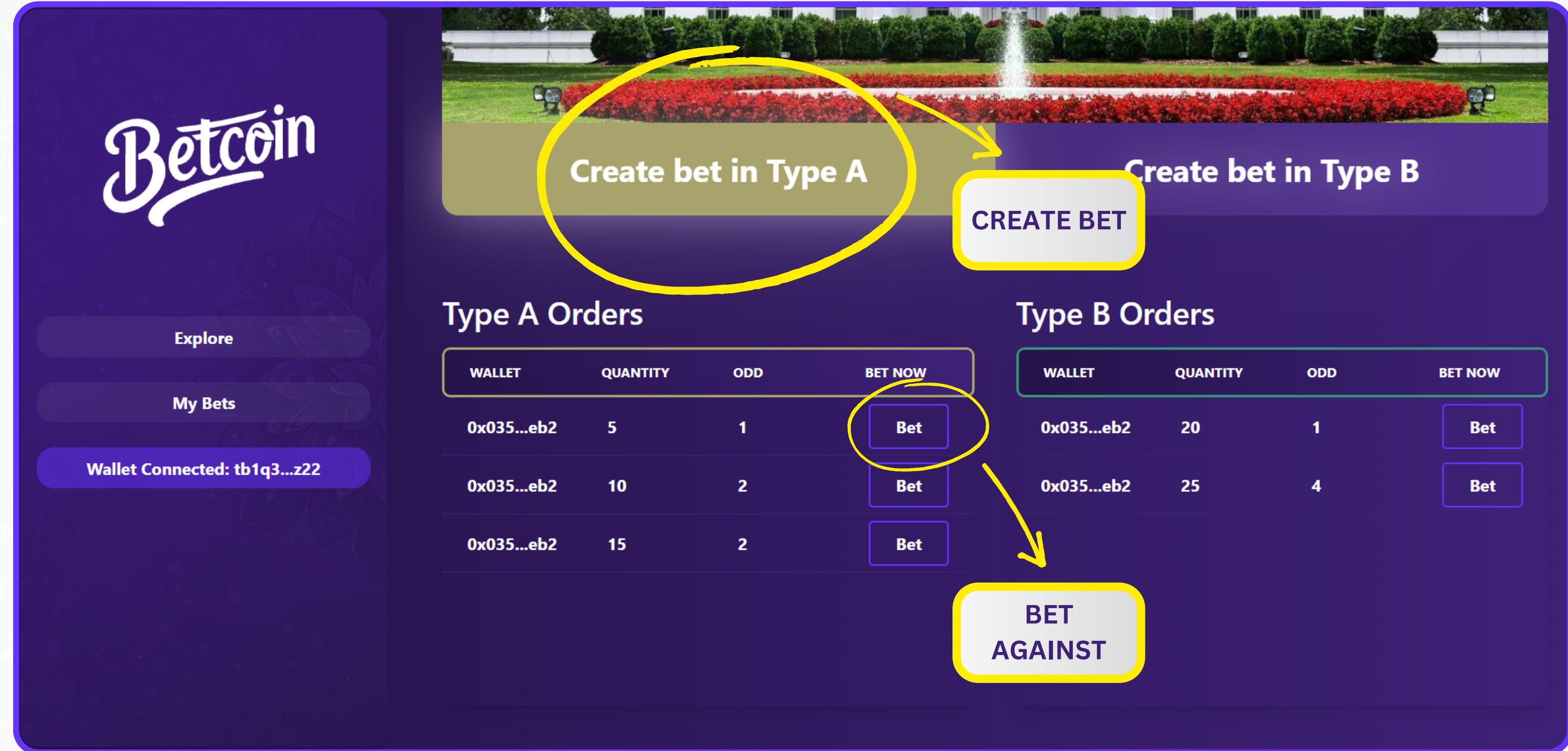
Our Solution

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# Choose a bet in the orderbook to bet or create one





# Create a bet if you do not want to bet against

The image shows a mobile application interface for Betcoin. On the left, there's a sidebar with the Betcoin logo at the top, followed by three buttons: 'Explore', 'My Bets', and a highlighted button 'Wallet Connected: tb1q3...z22'. The main content area has a dark purple header with a back arrow and the text 'Create your bet for Type A'. Below the header, a note says 'Please do not forget to connect your wallet'. There are two input fields: 'What will be your quantity?' with a value of '0.5' and 'What will be your odd?' with a value of '10'. A message at the bottom states 'You are betting 0.5 BTC on Type A in Theme Bet 1'. A large white button labeled 'CREATE' is centered at the bottom, with a yellow oval highlighting it.

← Back

Betcoin

Explore

My Bets

Wallet Connected: tb1q3...z22

Create your bet for Type A

Please do not forget to connect your wallet

What will be your quantity?

0.5

What will be your odd?

10

You are betting 0.5 BTC on Type A in Theme Bet 1

CREATE

Opportunity

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Feasibility



# See the status of your bets and accept responses

| TITLE        | BET ON | QUANTITY | ODD | STATUS  | ACCEPT BET  |
|--------------|--------|----------|-----|---|---|
| Bet 1 A vs B | A      | 1        | 2   | <span style="color: green;">●</span> accepted   | <span style="border: 1px solid #ccc; padding: 5px;">Accept Bet</span> |
| Bet 1 A vs B | A      | 1        | 2   | <span style="color: red;">●</span> not_accepted | <span style="border: 1px solid #ccc; padding: 5px;">Accept Bet</span> |
| Bet 1 A vs B | A      | 1        | 2   | <span style="color: yellow;">●</span> pending   | <span style="border: 1px solid #ccc; padding: 5px;">Accept Bet</span> |
| Bet 1 A vs B | B      | 1        | 2   | <span style="color: yellow;">●</span> pending   | <span style="border: 1px solid #ccc; padding: 5px;">Accept Bet</span> |
| Bet 1 A vs B | A      | 1        | 2   | <span style="color: red;">●</span> not_accepted | <span style="border: 1px solid #ccc; padding: 5px;">Accept Bet</span> |
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**Features**

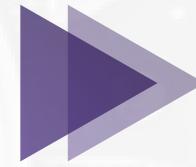
Feasibility



# Demo

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# Why we believe in the idea?

1

## MARKET

Traditional market is already good, but why not to **improve** this **anonymously** with **Bitcoin**?

2

## FREEDOM

In a **fully decentralized** way, it is possible to bet on anything with 2 outcomes in a **fun and practical** way also.

3

## TECH

the technology is **modern**, using **DLC** and potential **advances in the Bitcoin** network to improve the betting market.

# Our Team

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**Bryan Borck**

Dev (ITA)



**Luiz Vasconcelos**

Dev (ITA)



**Daniel Yuki**

Dev (ITA)

Betcoin

Thank You

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