Bitcoin Bets

MIT Bitcoin Expo Hackathon 2023

Bitcoin Bets

- Easy Bets with Bitcoin

- Uses ZKPs for Scale

- Bet on NBA Finals

Problem

- Bitcoin betting is hard.
- Software is confusing.
- Feels risky to users.

```
 1   import { error, json } from '@sveltejs/kit';
 2   import type { RequestHandler } from './$types';
 3   import { lookupInvoice } from '$utils/fetch';
 4
 5   export const POST: RequestHandler = async function ({ request }): Promise<Response> {
 6           const { paymentHash } = await request.json();
 7           try {
 8                   // LND docs appear to be wrong here,
 9                   // they say that you should be able to pass base64 paymentHash to lookupInvoice,
10                   // but lookupInvoice still requires conversion to hex
11                   // https://lightning.engineering/api-docs/api/lnd/lightning/lookup-invoice#:~:text=The-,hex%2Dencoded,-payment%20hash%20of
12                   const hexPaymentHash = Buffer.from(paymentHash, 'base64').toString('hex');
13                   const { data } = (await lookupInvoice(hexPaymentHash)) || {};
14                   return json({ settled: data.settled });
15           } catch (e) {
16                   const err = e as Error;
17                   console.error(err.message);
18                   throw error(500, err.message);
19           }
20   };
```

Solution

- Make Bitcoin betting easy.
- Use secure software.
- Simplify the code.

Celtics

200 Sats

Bet

Hawks

100 Sats

Bet

Example

- Celtics vs. Hawks
- 2023 NBA Playoffs
- Eastern Conference
- 100 Sats per bet

Thank You