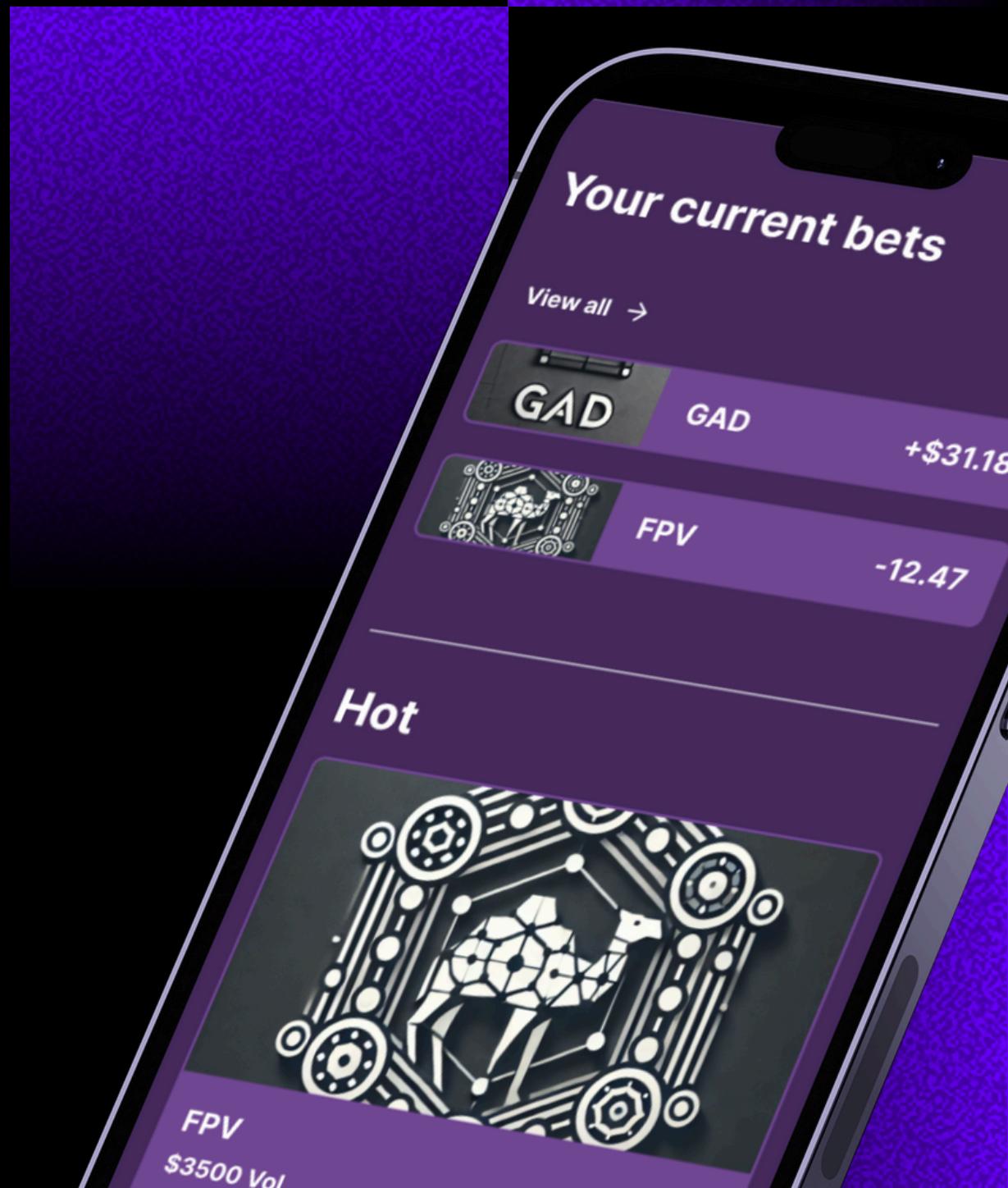


# STUDYBet

## Prediction market

Powered by Solana





# Agenda

## TOPICS COVERED

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Core Idea

Concept

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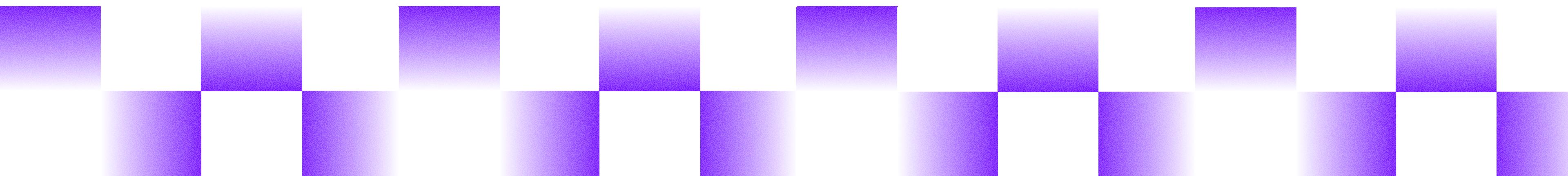
Overview

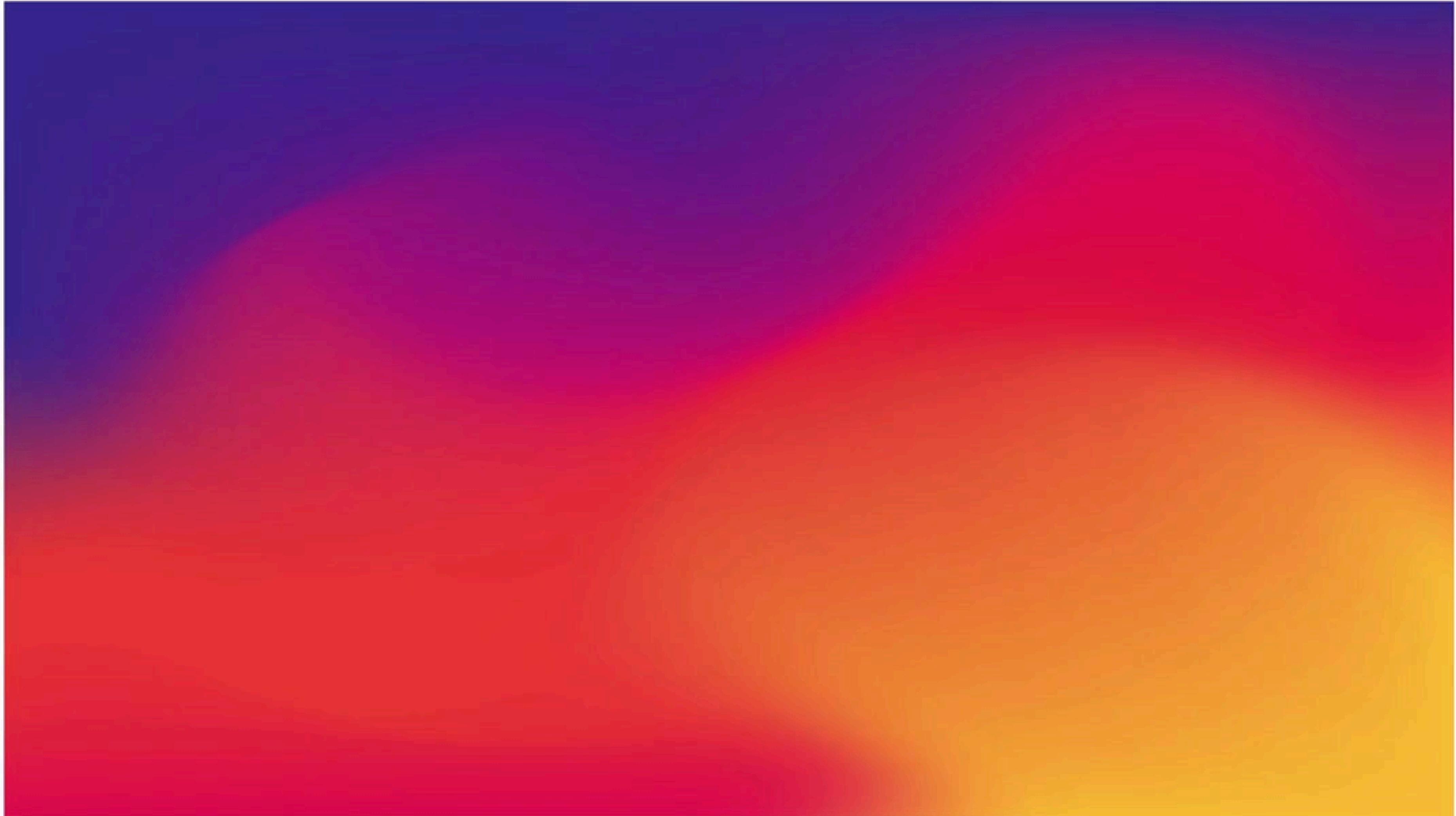
App Preview

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Implementation

Programming tools





```
#[program]
pub mod price_betting {
    use super::*;

    pub fn initialize(ctx: Context<Initialize>, seed: u64, fees: u16) -> Result<()> {
        ctx.accounts.initialize(seed, fees, &ctx.bumps)
    }

    pub fn claim_bet(ctx: Context<Claim>, bet_seed: u64) -> Result<()> {
        let _ = bet_seed; //seed only used for account derivation
        ctx.accounts.validate()?;
        ctx.accounts.claim_winnings()
    }

    pub fn accept_bet(ctx: Context<Accept>, bet_seed: u64) -> Result<()> {
        let _ = bet_seed; //seed only used for account derivation
        ctx.accounts.validate()?;
        ctx.accounts.deposit_wager()?;
        ctx.accounts.set_bet_taker()?;
        ctx.accounts.pay_protocol_fee()
    }
}
```



Thank you!