Technical Overview

1. Purpose

This MVP will test the limits of human betting habits by measuring inclination toward social media as a betting platform as well as the reliability of community based

2. 🔍 Scope

In Scope (MVP)

- Static or dynamic post feed
- Dynamic odds calculation
- Ability to place YES/NO bets with fake tokens
- Token balance and simple wallet logic
- Claim resolution via headline voting
- Basic profile tracking (wins/losses)

Out of Scope (for now)

- Real-money betting or crypto tokens
- Social following/friending
- Blockchain
- User-submitted claims
- Notifications or chat

3. User Flows

New User Flow

1. Land on home screen
2. Auto-generated account or simple auth
3. See 1,000 tokens in wallet
4. Scroll feed of claim cards
5. Tap YES or NO → place token bet
6. Watch odds shift
7. Later: vote on resolution (source valid or invalid)
8. Get payout if correct

9. See updated balance in wallet page

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4. Core Modules

Module Name	Description
Feed Engine	Displays a list of active claims with live odds and CTA to bet
Claim Object	Core data unit — includes statement, deadline, odds, resolution status
Odds Calculation	Apart of Claim object: Dynamically updates odds depending on size of number of bets and size of stake
Bet Engine	Allows users to choose YES/NO and stake tokens
Token Tracker	Manages balances, winnings, and losses per user
Resolution System	Users propose sources and vote on validity
Profile System	Tracks accuracy, participation, and displays stats

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5. Data Schema (High-Level)

User

- user_id
- username
- token_balance
- accuracy_score
- join_date

Claim

- claim_id
- text
- user_id (FK)
- odds
- deadline
- status (open/resolved)
- resolution_outcome
- posted_date

Bet

- bet_id
- user_id
- claim_id
- position
- amount
- timestamp

Resolution

- claim_id
- proposed_by
- source_link
- votes_valid
- votes_invalid
- final_decision

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6. Stack Overview

Describe your expected technology choices.

- **Frontend**: React (Next.js), Tailwind, Vite
- **Backend**: FastAPI
- **Database**: postgres
- **Auth**: Auth0
- **Hosting**: Vercel
- **AI**: GPT for claim parsing or classification

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7. Metrics to Watch (MVP)

- % of users who place a bet
- Average # of claims interacted with per session
- Resolution vote participation rate
- Most accurate predictors
- Dropoff points in user flow

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8. Open Questions / Risks

- Should claim creation be user-submitted or curated for MVP?
- Should blockchain be used for resolution voting?
    - [UMA](UMA)
- What makes a source "valid" — does the system need source whitelisting?
- Can users vote on multiple resolutions or just one per claim?
- Is the token economy zero-sum or inflationary?
- Can a new crypto run based on market liquidity within the platform?

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9. Timeline

Week	Deliverables
1	Basic UI scaffold + static feed
2	Betting engine + token tracker
3	Resolution voting system
4	Profile stats + basic leaderboard
5	Internal alpha + feedback loop