User Stories for Mini-apps Track: "Pay User for Product Feedback"

As you are building a mini-app on Base using MiniKit that pays users for product feedback and leverages the social graph, here are user stories tailored to your hackathon track and project:

User Story 1: Feedback Submission and Reward

- companies.
- As a user, I want to easily access the mini-app directly from my social feed so that I can quickly provide feedback on products without leaving my usual browsing experience.

- As a user, I want to submit feedback on a product within the mini-app, so that my opinions are heard by brands and developers.

- As a user, I want to receive an on chain reward (e.g., stablecoin or token) instantly after submitting my feedback, so that I feel incentivized to participate.

User Story 2: Social Graph Integration

- As a user, I want the mini-app to recognize my social connections, so I can see which of my friends have also provided feedback on the same products.

- As a user, I want to be able to share my feedback activity to my feed, so my network can see and join the feedback campaign, increasing engagement.
- As a user, i want to be a able to have **real time feedback, stats, trends** and charts **view analytics such as leaderboards**, so as to keep track of my reviews or others going on.

User Story 3: Campaign Discovery and Participation

- As a user, I want to browse available feedback campaigns within the mini-app, so I can choose which products or services to review.

- As a user, I want to filter campaigns by category, reward amount, or popularity among my social graph, so I can find the most relevant or lucrative opportunities.

User Story 4: Transparency and Proof

- As a user, I want to view a transparent record of my feedback submissions and received rewards onchain, so I can trust the process and track my participation history.

- As a brand or developer, I want to verify that feedback is coming from real, unique users within the social graph, reducing spam and ensuring quality insights.

User Story 5: Seamless Onboarding and UX

- As a new user, I want to onboard into the mini-app with minimal friction, ideally using my existing social identity or wallet, so I can start participating quickly.

- As a user, I want the reward payout process to be simple and require no advanced technical knowledge, so anyone can participate regardless of their crypto experience.

User Story 6: Feedback Quality and Gamification

- As a user, I want to earn higher rewards for providing more detailed or highly-rated feedback, encouraging thoughtful participation.

- As a user, I want to earn points for quality feedback, others can rate my review which will determine your points. These points should earn me a token reward when accumulated

- As a user, I want to see my ranking or badges within the mini-app based on my feedback activity, motivating me to contribute more.()

User Story 7: Search and filter

As a user, I want a product catalog with a detailed search bar to filter by category of product, so that i can easily get a product result

User Story 8 : exporting

As a user, I want to export reports using IPFS() or any other decentralised storage so that i am able to view a report of a summary of different stats outside the mini app.

These user stories are designed to align with the Mini-apps track objectives-leveraging the feed and social graph for unique distribution and engagement, while providing a seamless, rewarding experience for users who give product feedback. This approach also ensures your app stands out by combining on chain incentives with social virality and trust.

Project breakdown

1. Frontend Developer (MiniKit + UI/UX Integration Lead)

Primary Focus:
Build the mini-app interface using **MiniKit**, and integrate with Warpcast feed and social graph while ensuring a seamless user experience.

Responsibilities:

- Use **MiniKit** to build the frontend UI that appears directly in the social feed.
- Integrate feedback submission forms, campaign browser, and social sharing.
- Implement views like product catalog, profile dashboard, and leaderboards.
- Support real-time feedback interaction using Warpcast or onchain events.
- Connect wallet onboarding and display onchain balances/rewards.

Tech Stack: React/Next.js, Tailwind CSS, MiniKit, Ethers.js, WalletConnect

---

2. Smart Contract Developer (Onchain Rewards + Proof System)

Primary Focus:
Build and deploy smart contracts to handle campaign creation, feedback submissions, and reward payouts on **Base**.

Responsibilities:

- Create contracts to:

    - Register product feedback campaigns.
    - Record feedback submissions.
    - Pay users (stablecoin/token rewards).
    - Track reward history & contribution points.
- Integrate social graph verification (e.g., signatures or follower check).
- Emit events for feedback + reward transparency.
- Explore NFT badges or ERC-1155 tokens for milestones.

Tech Stack: Solidity, Hardhat, Ethers.js, Base L2, OpenZeppelin, Chainlink (if needed)

---

3. Backend/Analytics Engineer (Data Layer + Gamification Engine)

Primary Focus:
Handle backend logic for analytics, ranking, and optional offchain data storage + IPFS integration.

Responsibilities:

- Build APIs (if needed) to aggregate feedback, scores, and stats.
- Implement the gamification system (points, ranks, badges).
- Serve leaderboard, charts, and trends (for real-time display).
- Connect to decentralized storage (e.g., IPFS) for exporting reports.
- Develop optional content moderation or feedback validation logic.

Tech Stack: Node.js, Express, Mongo DB, IPFS, Pinata/Web3.Storage, The Graph (optional)

---

4. Designer

Primary Focus:
Craft user flows, feedback journeys, and ensure strong visual storytelling for both app UX and hackathon presentation.

Responsibilities:

- Design screens in **Figma**: campaign discovery, feedback form, rewards, profile.
- Define user personas and flows based on user stories.
- Collaborate closely with frontend dev to implement UI accurately.
- Write clear in-app content and messages (e.g., “Submit & Earn”, “Share to Feed”).

Roles

Smart Contract Developer

Primary responsibility: Solidity implementation

Key areas:

- On-chain reward mechanisms
- Campaign creation contracts
- Feedback verification systems
- Token economy implementation

Critical user stories:

- User Story 1: On-chain reward implementation
- User Story 4: Transparent record system
- User Story 6: Token reward mechanics

Backend API Developer

Primary responsibility: Express.js/MongoDB implementation

Key areas:

- Campaign management endpoints
- Feedback storage and retrieval
- Analytics processing
- IPFS integration

Critical user stories:

- User Story 3: Campaign discovery system
- User Story 7: Search and filter functionality
- User Story 8: Export/reporting system

Frontend Developer

Primary responsibility: MiniKit implementation

Key areas:

- Feed integration
- Feedback submission interface
- Social graph visualization
- Analytics dashboard

Critical user stories:

- User Story 2: Social features
- User Story 5: Onboarding flow
- User Story 6: Gamification UI

Designer

Critical User stories: 2, 6, 7, 8

Collaboration Points

- Frontend + Smart Contracts: Ensure smooth reward payouts.
- Backend + Frontend: Sync social graph data and analytics.
- Designer + Frontend: Polish in-feed UX.

Citations:

1. https://web3hackfest.org
2. https://www.hackerearth.com/challenges/hackathon/eth-canal-hackathon-2025/
3. https://consensus-hongkong2025.coindesk.com/hackathon/-id/0
4. https://hackathon.ae
5. https://mitbitcoin.devpost.com
6. https://lu.ma/bc5pq6ov
7. https://www.cryptopolitan.com/paris-blockchain-week-2025-introduces-new-hybrid-hackathon-to-build-the-future-of-blockchain/
8. https://blog.injective.com/introducing-the-injective-x-elizaos-ai-agent-hackathon/
9. https://www.parisblockchainweek.com/press/press-release-paris-blockchain-week-2025-introduces-new-hybrid-hackathon-to-build-the-future-of-blockchain
10. https://www.youtube.com/watch?v=_FI2jKHV4zU
11. https://coinedition.com/paris-blockchain-week-2025-introduces-new-hybrid-hackathon-to-build-the-future-of-blockchain/