WHITEPAPER · VERSION 1.0 · NOVEMBER 2026



MOODNAUTS

YOUR WALLET HAS A PERSONALITY NOW.

2,000 hand-drawn astronaut characters on **Soneium**, each with its own AI personality. You can't mint one instantly: you **earn** it with a daily on-chain check-in streak. Then it lives with you, chats with you and reacts to what your wallet actually does.







Draft for partners. Not deployed yet; subject to review.

01 · SUMMARY

CHARACTERS FIRST. THE CHAIN MAKES THEM REAL.

Most NFTs are a picture you look at once. A Moodnaut is a character you keep meeting. It has a name, a temper, a home planet and a voice. It remembers your conversations, notices your Soneium activity, changes its mood, and forgets you if you sell it.

2,000	3 · 7 · 30	4 x 500	0
unique characters, fixed forever	day routes to earn one	release waves	deposits: nothing is locked

FOR PLAYERS

- A small daily ritual with a real reward at the end.
- A surprise reveal: nobody knows which character they get, not even us.
- A companion that roasts your trades, warns about risky habits and has opinions about your gas spending.
- Free daily chat, a free daily wallet roast, optional extras.

FOR SONEIUM

- An original entertainment IP, not a financial product.
- Recurring, meaningful daily on-chain activity from real people.
- Characters built to grow into storytelling, merchandise and ecosystem collaborations.
- Works with normal wallets and smart wallets (Startale).

WHAT MAKES IT DIFFERENT

The streak is the mint. Every day the player checks in on-chain and pays a small fee. Miss a day and the streak ends (the 30-day route forgives one miss). Finish, and fair on-chain randomness picks one of the 2,000 characters. The NFT lands in the player's wallet, and from that moment the character is theirs to talk to.

A DAY WITH A MOODNAUT

Morning
Check in (during a streak) or do the optional mood check-in. The comms buddy reacts.

Any time
Ask it anything. It answers in character, with opinions about what your wallet did yesterday.

Share
Roasts, "last words" cards and reveals are made to be shared on X, bringing new players in.

EARN IT. MEET IT. LIVE WITH IT.

1
EARN

Pick a route: 3, 7 or 30 days. Check in once per UTC day with a small fee. A countdown and a calendar reminder help. The 30-day route allows one missed day.

2
REVEAL

During the streak you see a dark silhouette that gets sharper each day and receive funny "transmissions" from someone out there. After the last check-in, Pyth randomness picks your Moodnaut.

3
LIVE WITH IT

Chat with it every day. It knows your recent Soneium activity, has a mood, remembers you, and earns a title for the route you took: Sprinter, Committed or Veteran.

THE COMMS BUDDY

Next to every Moodnaut floats a tiny alien in a mini UFO. Its face shows the Moodnaut's mood (ten moods), it blinks, and its beam pulses when the Moodnaut talks. During a streak it delivers the transmissions.

MEMORY THAT BELONGS TO THE OWNER

Each Moodnaut keeps a short memory per owner. If it is sold, it forgets the old owner completely; if it ever comes back, it does not remember them either. Owners can wipe memory at any time.

IF YOU MISS A DAY

The streak ends and the fees paid are kept (they were the price of the attempt). You get a shareable "last words" card and can start again straight away.

EXAMPLE CONVERSATION (ILLUSTRATIVE)

hey, did I do anything smart this week?

You paid gas to approve an app you never used. Twice. I've seen asteroids with better judgment.

rude

8 out of 10 rude, to be exact. Never mean, never financial advice. Now tell me about your day before my oxygen runs out.

Rude but kind: no swearing, no slurs, no politics or religion, never "buy" or "sell". Every reply has a report button.

03 · THE CHARACTERS

2,000 ORIGINALS. NO TWO ALIKE.

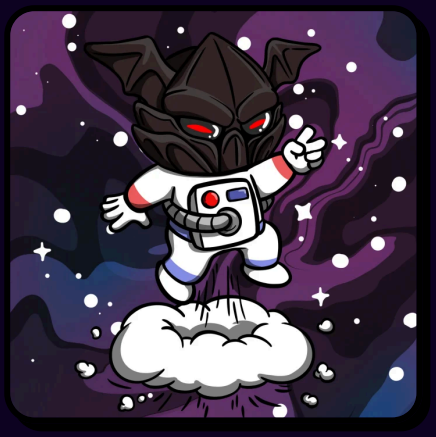
Every Moodnaut is hand-drawn art assembled from 46 original layers (background, smoke, body, helmet and hands), with 15 helmet designs from The Diver to The Valkyrie. Each personality is built from its art: 15 core archetypes, 11 habits, 5 tempers, 10 home planets and 5 voices, plus a rank-and-something-funny name. Each character's art, name and personality are fixed before launch and can never be changed.



#1 Lieutenant Mumble
Paranoid Prepper · The Diver
"Never click shiny links. Never."



#108 Lieutenant Hotdog
Noble Protector · The Guardian
"Honour first. Then snacks."



#1055 Cadet Fidget
Brooding Night Creature · The Night Bat
"Darkness. Also, you missed a check-in."

The other 1,997 stay secret: each one is revealed only when someone earns it. On the website each Moodnaut is animated layer by layer: the helmet tilts, the hands wave, the smoke puffs and the body floats. The NFT images themselves stay exactly as drawn.

04 · ECONOMICS

SIMPLE PRICES. NOTHING LOCKED.

There are no deposits and nothing to refund: the daily fees are the price of the NFT. Dollar figures use ETH = $1,673 and will move with the ETH price.

Route	Daily fee	Total	Rules
30 days · title "Veteran"	0.0005 ETH	0.015 ETH (~$25)	One missed day forgiven; 30 check-ins still needed
7 days · title "Committed"	0.003 ETH	0.021 ETH (~$35)	No missed days
3 days · title "Sprinter"	0.01 ETH	0.03 ETH (~$50)	No missed days

Every route has equal odds for every character. The final check-in also pays the randomness fee (about $0.04).

AFTER THE REVEAL

Daily chat	**30 messages free** per Moodnaut per day
Message packs	100 = 0.002 ETH · 300 = 0.005 ETH · 1,000 = 0.012 ETH
Mood check-in	Optional, 0.0001 ETH/day. Skipping only makes it grumpy; nothing is ever lost.
Royalty	5% on resales (where marketplaces support it)

Message packs are only used with the owner's OK, and never for a failed reply.

SUPPLY AND GROWTH

Total	2,000, fixed. No new characters, ever.
Waves	4 × 500. The next wave opens 3 days after the previous one is full.
Referrals	10% of the referred player's check-in fees, claimed by the referrer.
Free passes	30 free streaks for creators and partners (within the 2,000).

WHERE THE MONEY GOES

Fees go to the project treasury (a hardware wallet), minus referral shares, which referrers withdraw themselves. They fund the AI conversations, hosting, art storage and the growth of the brand. The AI has hard daily budgets, so running costs can never exceed what has been set aside.

NOBODY CAN CHOOSE. NOBODY CAN RE-ROLL.

FAIR REVEAL

- The character is picked by **Pyth Entropy**, verifiable on-chain randomness, only after the final check-in.
- Each streak gets exactly one random number. There is no way, for anyone, to ask for another.
- A fingerprint of all 2,000 characters (art, name, traits, personality) is fixed inside the NFT contract at deployment and published before launch.
- All artwork and metadata live on IPFS, and their address can never be changed.

PLAYER PROTECTION

- No deposits. Every fee is final and shown before it is paid.
- If Soneium has an outage, the owner can forgive that day for everyone.
- If the randomness service is down on someone's last day, their streak still counts.
- Purchases are credited exactly once, only after they are final on Soneium.

LIMITED OWNER POWERS

- Contracts are owned by a hardware wallet and cannot be upgraded.
- The owner can change prices for **new** streaks only, open or pause new streaks, and forgive outage days.
- The owner cannot touch fees already paid, change any character, mint outside the streak, or exceed 2,000.

SAFE AI

- Owners only: ownership is checked on-chain for every message.
- Wallet data is treated as untrusted text; the AI has no access to keys, signing or transactions.
- Replies are filtered for financial advice, seed-phrase requests and harmful content; every reply can be reported.
- Privacy: AI providers that keep no data; chat memory expires after 30 days and is wiped on sale.

QUALITY SO FAR

The contracts have been through three rounds of review, with 50 automated tests plus a test against a copy of Soneium mainnet using the real Pyth contract. The website and server have 37 automated tests, and a 17-step rehearsal runs the whole journey on a copy of mainnet. An **independent contract review** takes place before mainnet deployment.

BUILT, TESTED, READY FOR THE NEXT STEP.

Layer	What we use
Chain	Soneium mainnet. Two Solidity contracts (NFT + streak), ERC-721 with ERC-2981 royalties.
Randomness	Pyth Entropy V2
Art and metadata	IPFS, fixed at deployment, with a published fingerprint
Website and API	Vercel; Upstash for chat memory and limits; Blockscout for Soneium activity
AI	OpenRouter (model chosen in testing), with per-message cost ceilings and no-data-retention providers
Wallets	MetaMask, Rabby, WalletConnect, Startale smart wallet

DONE

- **2,000 final images and personalities**
- **Animated characters, chat, free wallet roast, dashboard**
- **Streak, reveal, referral and credit flows**
- **Contracts + three review rounds, full rehearsal**
- **Online preview**

NEXT

- Sony Onchain Entertainment Incubation application
- Independent contract review and legal check
- Art and metadata to IPFS, contracts deployed
- A private 3-day check on mainnet
- Two weeks of teasers, then wave 1 (500)

LATER

- Waves 2 to 4
- Leaderboard, profile pages, share cards
- Story arcs and seasonal events
- Merchandise and ecosystem collaborations

TEAM AND ASK

Moodnauts is built by a solo founder in the UK (product and creative direction), with original art by a commissioned illustrator. We are looking for **mentoring, ecosystem introductions, legal guidance and marketing support** to turn Moodnauts into a lasting character brand on Soneium.

Moodnauts are collectible digital characters made for entertainment. They are not an investment, and nothing in this document is financial advice. Prices, features and dates may change before launch, and the mechanics are subject to legal review. The contracts are not deployed yet. Chat runs while the service operates; the NFT and its art stay in the owner's wallet. Characters and brand remain the property of Moodnauts.