

# Sofia Grant Application

## December 2025

Project Name	Sofia
Co-founder	Chauche Samuel, Saint-Joannis Maxime
Product	<a href="#">Download</a>
Community	<a href="#">X</a> / <a href="#">Discord</a>
Atom & Claim	<a href="#">Sofia Atom</a> / <a href="#">Sofia Claim</a>
Links	<a href="#">Colonny</a> - <a href="#">Github</a> - <a href="#">Product Roadmap</a> - <a href="#">Website</a> - <a href="#">Demo</a> - <a href="#">Gnosis Safe</a>

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# 1. Applicant & Project Overview

## Summary

Sofia is a chrome extension that empowers people and organizations to capture, verify, share and amplify knowledge across the web. It transforms how you interact with web content, allowing you to truly own your digital experience.

This way, you can have recommendations built from the information you choose to share and spread some of your knowledge indirectly with your trusted ones.

## Project Category

- Agent / AI Context / Consumer App
- Knowledge Graph / MCP

## Elevator pitch

We all know the feeling of the 'Algorithmic Trap.' You spend hours online, yet you're fed content that serves the platform, not you. You rely on Amazon reviews from strangers instead of recommendations from friends.

Sofia is here to fix the broken relationship between users and their data.

Sofia is a tool that facilitates the transition of reclaiming your digital footprint. By analyzing your browsing history, Sofia builds a secure, Personal Knowledge Graph. We then use a dedicated AI to unlock the true power of that data.

Imagine an internet where your feed isn't decided by a black-box algorithm, but by your own interests and the trusted signals of your network. Sofia turns your passive browsing into active, verifiable knowledge. It's about giving everyone the power to stop renting their attention and start owning their digital identity.



## Origin story

We met at **The Hacking Project** in February 2025 with a shared goal: becoming web developers. Both passionate about electronic music, we immediately hit it off.

However, the real spark for Sofia didn't come from a line of code, but from a moment of profound frustration. In June, during a brainstorming session for our final project, Sam hit a breaking point. He realized he had just lost 30 minutes doom-scrolling—consuming ads, Reels, and random posts—without learning anything new about his friends or the world.

This sparked a critical realization: **Why doesn't the internet feel like "home"?**

We asked ourselves why we are constantly fed content designed to keep us glued rather than enriched. Why do we rely on reviews from strangers on Amazon or Netflix, when we can't easily access recommendations from the people who know us best?

A global realization is occurring: the current web model is broken and unsustainable. We decided to change the game. We didn't just want to build another app; we wanted to fix this issue and onboard millions of people into a new paradigm. **Sofia was born from this desire**: to stop being passive consumers of algorithms and start using our own browsing data to build a personalized, decentralized, and authentic knowledge graph.

## Notable traction or achievements

- **Mainnet Deployment:** Successful migration and deployment of Sofia on the Intuition protocol mainnet.
- **Verifiable Computing (TEE):** Deployment of the first Trusted Execution Environment (TEE) machine on the **Phala Network**, marking a key step toward decentralized and secure computing.
- **Stable Environment:** Implementation of a fully managed environment, ensuring the stability and scalability required for the Alpha phase.
- **Sofia Fee Proxy Contract** ([link](#)) — A custom smart contract deployed on Intuition Mainnet that collects a 0.1 TRUST + 5% fee on deposits, seamlessly integrated with the MultiVault protocol, the contract architecture has been open-sourced as a reusable template for developers to deploy their own fee proxy on Intuition ([Github](#)).
- **AI Recommendation Engine:** Integration of Gaianet to power a recommendation engine capable of analyzing users' on-chain activity and providing intelligent, contextual suggestions.
- **5 Specialized Agents:** Development and consolidation of the agent stack, including:
  - Bookmark (theme extraction agent for importing bookmarks and translating them into signals (triples) in one click)
  - Tab Analysis
  - Real time navigation analysis
  - Chatbot
  - Suggestion (agent analysis)
- **Trust this site component:** Introduction of a major feature allowing users to instantly verify a web page and view the underlying trust score, marketcap, triples and atoms related.
- **Branding:** Invested time in branding, no major update planned for the next quarter.

- **UX:** Integrated into the core agile development process, ensuring a user-centric approach from conception to launch. Focused on delivering an intuitive and engaging user experience that drives key business outcomes
- **Trust Circle:** Designed as a tier above the standard Follow, the Trust Circle reinforces mutual confidence and activates our new AI-driven protocol for seamless information sharing between trusted users.
- **Blog :** We established Sofia Chronicles, a dedicated blog to maintain transparency and community engagement. To date, we have published 10 weekly changelog covering development updates, tutorials, and project insights.

## Process and Community

- **Public Presentation:** Sofia's first public [demo](#) at an Intuition X Space event in front of , receiving positive feedback (8K viewers and 9 submissions to the early access program).
- **Community:** Creation of the Sofia Discord server (41 users) with MEE6 licence. 83 followers on X.
- **AlphaTesting:** Private Onboarding of the first 5 alpha testers, paving the way for the Beta phase.

## Project Management

- **Internal Governance:** Adoption of Agile methodology and Core Protocols to improve communication, decision-making, and efficiency within the development team.

## Current users or early testers

- Zet
- Jade Michel
- Max (Wieedze)
- Sam (Passive-Record.box)
- W00ds
- Caleb



## 2. What we are Building

### Problem Statement

The modern internet is exhausting: algorithms are optimized for user retention and generate advertising rather than relevance, creating an environment where personalized content is untrustworthy and information lacks verification. Users lack a digital space that truly reflects their identity.

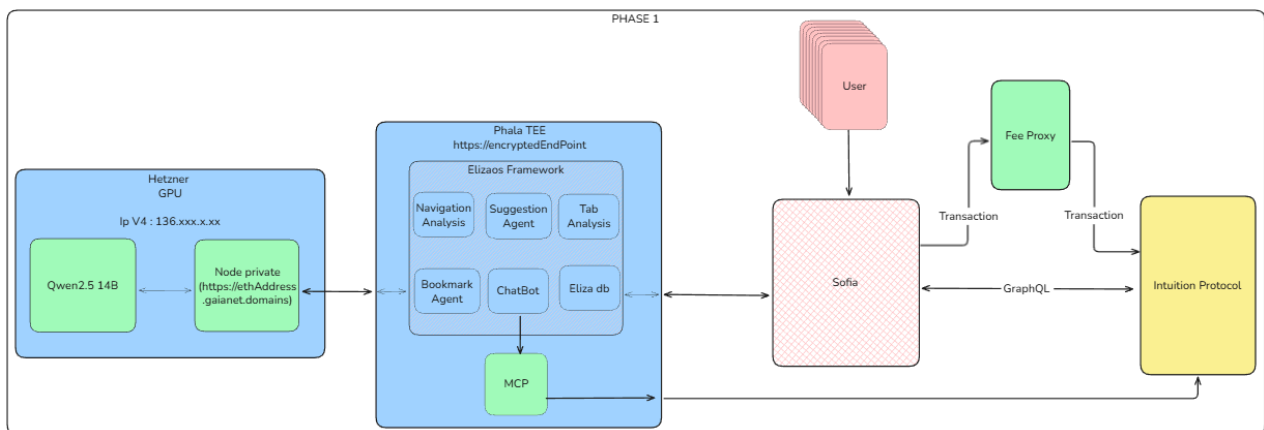
### Proposed Solution

Sofia reverses the attention economy by prioritizing Trust and Relevance. Sofia uses on-chain data and local AI (Gaiantet) to provide context-aware recommendations, enabling users to verify information and collaboratively help to build the decentralized knowledge graph which can be used by agents and for end-users.

### Stage of Development

Alpha Launch is initiated , slowly ramping up (The core features are deployed on the Intuition mainnet, secured via Phala Network, and currently undergoing intense testing with real users in preparation for a wider public release.)

### Technical Architecture Overview



### Integrations or dependencies

- Gaiantet: Nodes , LLM
- Phala: TEE
- ElizaOs: Agent Framework
- Intuition Indexer: GraphQL API
- Intuition Protocol:
- Plasmo : Extension Framework
- Frontend libraries

## Privacy considerations

Sofia is fundamentally designed to enhance digital security through decentralization and verifiable computation. This is achieved by deploying its first **TEE machine on the Phala Network**, and powering the agent framework with a node link to a model ensuring that computations are both secure and verifiable, minimizing reliance on centralized servers.

Furthermore, the core **Trust system** allows users to verify web pages and link personal insights to **verifiable on-chain data**, promoting data integrity and a community-driven layer of security.

Secure **OAuth integrations** (e.g., with YouTube, Spotify) were implemented with a dedicated, clean structure to protect user credentials.

## 3.Team & Execution Ability

### Team backgrounds

#### Samuel Chauche:

- 6+ years as a Support Engineer through several companies - *Credit Suisse, Airbus, Michelin, Salesforce*
- THP Graduate - *intensive fullstack development program*
- Intuition Contributor - *documentation, UI, ERC-8004*
- 3rd place in the Intuition hackathon - *prediction market based on the number of transactions passing through the intuition testnet.*
- 4 months full-time on Sofia then 50-50 between Sofia and Intuition (documentation, UI, ERC-8004)
- Part of Rings of Neptunes agency as electronic music producer (ambient/experimental). [Link](#)

#### Maxime Saint-Joannis:

- THP Graduate - *intensive fullstack development program*
- 4th place in the Intuition Hackathon
- Full-time on Sofia since June
- Professional Music Producer since 10 years (Radikal Moodz) [link](#)

### Team structure and roles

<b>Samuel Chauche</b>	Co-founder UI/UX Developer Marketing/Communication
<b>Maxime Saint-Joannis</b>	Co-founder CTO & AI Infrastructure Architect

## **Advisors or collaborators**

- Zet
- Saulo
- W00ds
- Caleb
- Shifou
- Jade

## **Expected future contributors**

CM, CT - Managing X communications, content creation and Discord development - *Full time*

Back-end Developer - *Part time*



## 4. Grant Request & Milestones

While our initial plan for this grant request detailed only the next three months, the enthusiasm and strategic necessity of our growing project demanded we develop a comprehensive one-year vision. This extended roadmap is fundamental to our overarching goal: bootstrapping a truly decentralized organization (DAO) driven by a large, active community of builders.

This commitment to transparency is central to our ethos of 'building in public,' which we uphold through platforms like the Sofia Chronicles blog and is validated by the early traction in [Sofia atoms](#) and [Sofia Claim](#) on the portal. We believe this open communication is crucial for converting early enthusiasm into a robust, dedicated community that will eventually govern the protocol.

Beyond securing the necessary initial support, the fundamental goal of this document is to initiate a deeper, more synergistic partnership with Intuition Systems. This collaboration is key to accelerating our transition toward a decentralized governance model. We are prepared to fully open Sofia's roadmap to the Intuition team, and in turn, seek a reciprocal transparency regarding Intuition's priorities, thus establishing an open, two-way collaboration that ensures maximal long-term strategic alignment for both ecosystems and, crucially, for the future DAO.

Below, we detail our one-year plan, structured into three strategic stages.. For a look beyond this period, please refer to the dedicated chapter on '[Sustainability & Long-Term Vision](#)'. Consistent with our commitment to strategic alignment, we defer to the Intuition team to adjust the scope and funding amount of this first milestone, ensuring it corresponds to the highest strategic priorities.

The final allocation split between USD and \$TRUST token remains flexible at this stage and is a topic we look forward to discussing directly with the Intuition team.

### Monthly Budget breakdown (USD).

Item	Provider	Amount
<b>Nodes Gaiant LLM Qwen 2.5 72B</b> GPU: NVIDIA RTX™ 6000 VRAM: 48GB RAM: 128 GB 2 x 1.92 TB NVMe	Hetzner	\$ 940
<b>Framework ElizaOS</b> XLarge TDX Instance 8 vCPU - 16GB RAM (128GB)	Phala	\$ 410
<b>Core Dev Team</b> Covers 2 FTE (Full Time Equivalent) specialized engineers including taxes	Maxime Saint-Joannis Samuel Chauche	\$ 7 000
<b>DAO Operation</b> (event, CM, CT, Content creation, discord management, X account management)	Community	\$ 5 000
<b>Monthly total</b>		<b>\$ 13 350</b>



## Milestone 1: Alpha Launch

**Estimated Duration:** 3 month

**FTE:** 2 FTE (Full Time Equivalent), the listed members would contribute to different deliverables based on their skill-set.

**Costs:** \$40 050 USD

Number	Deliverable	Specification
1.1	Intuition MCP Connection	Full implementation of the Chatbot connected to the Intuition MCP Server via API with direct possibility of action.
1.2	Public Alpha Release	Deployment of the Chrome extension (Alpha) / Chrome Web Store.
1.3	Community Setup	Initial deployment of the Community Management
1.4	Documentation	Detailed documentation covering core protocol architecture and installation guide for developers.
1.5	Feature	<ul style="list-style-type: none"><li>- Untrust Website component</li><li>- Publish BookMark as list</li><li>- Share List with Trusted User</li><li>- Quest and reward system</li><li>- Signal Curve display</li></ul>
1.6	Release	Publication in Chrome Extension Webstore (Private release)
1.7	Governance Blueprint	Finalized the DAO creation on Colony, including proposal structure and voting parameters.
1.8	Metrics	Develop a dashboard linked to the fee proxy to display smart contract metrics.

## Success criteria

Milestone	Success Criteria
<b>M1: Core Infrastructure &amp; Alpha Launch</b>	<ul style="list-style-type: none"><li>• Colony and Multisig operational</li><li>• 10+ community member received 10k+ USDC</li><li>• 100 weekly users</li><li>• +5000 transactions through the proxy</li><li>• User satisfaction rate 7/10</li></ul>

## Stage 2 – Beta Launch & Scaling

Number	Deliverable	Specification
2.1	R&D	Implementation if possible of Account Abstraction (ERC-4337) within the extension for improved user experience and subsidized gas fees.
2.2	TEE	Agent Scale for better task management
2.3	TEE	Split agent in different TEE machine
2.4	GPU	Augment the LLM size for better computing
2.5	GPU	Create a new node for simple task to lighten the main
2.6	Feature	- <a href="#">Start Linked Triples economic</a> - 3 New importation modules (e.g: Google Maps, Opentable, Booking) - Drag and Drop external files (pdf, pictures...) and translate information into triples - Show me similar website
2..7	Public Beta Release	Launch of the Public Beta version
2.9	Growth	Establish a distinctive and recognizable lore, visual design, and brand identity that are validated through user feedback and engagement metrics. (Marketing Material)
3.1	Founding	Grants submission for Gaianet
3.2	Founding	Grants submission for Elizaos

## Success criteria

Milestone	Success Criteria
<b>Stage 2: Beta Launch &amp; Scaling</b>	<ul style="list-style-type: none"><li>• 50+ contributor on DAO</li><li>• 10 000+ X subscribers</li><li>• 2+ Grants approved</li><li>• 1 000 weekly users</li><li>• +100 000 transactions through the proxy</li><li>• +10 000 transactions from the import modules</li><li>• 50% Reduction of latency for complex queries after LLM augmentation</li><li>• User satisfaction rate 8/10</li></ul>

## Stage 3 – Economic & Governance

Number	Deliverable	Specification
3.1	Linked Triples Economics	Implementation and testing of the <a href="#">Linked Triples economic</a>
3.2	GPU	Gaianet Domain ecosystem set up
3.3	GPU	Divide tasks in different nodes for better load balancing
3.4	Feature	-Notification system ( <a href="#">Pushchain</a> ) -Sofia's trust score on Google results -Reward system for linked triple economics usage
3.5	Governance	Incorporating community ideas into the roadmap
3.6	Tokenomics	Sofia's tokenomics design and launch

### Success criteria

Milestone	Evaluation
<b>M3: Economic &amp; Governance</b>	<ul style="list-style-type: none"><li>• Target of 10 000 weekly users</li><li>• 1M+ transaction</li><li>• Users actively participate in the Linked Triples economic mechanic</li><li>• Sofia's TGE</li></ul>

### Stretch goals

#### Linked triples economic model

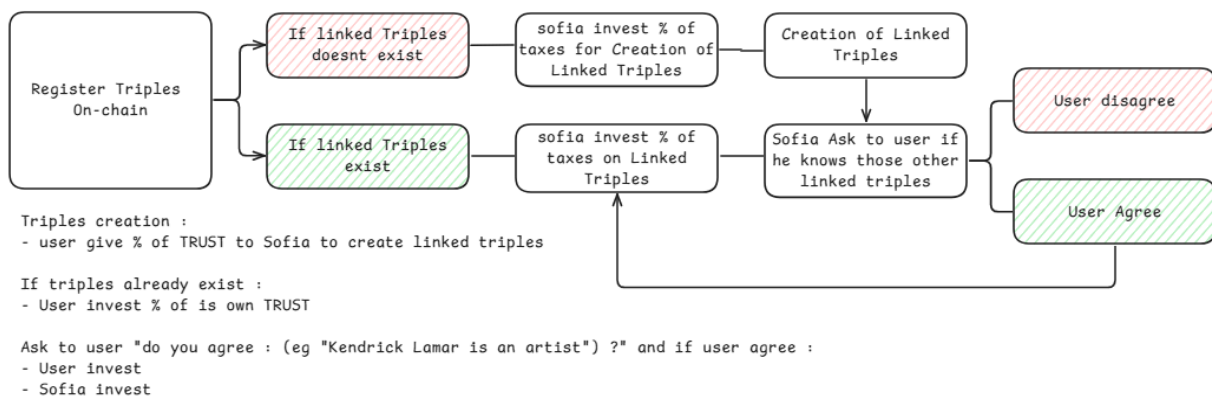
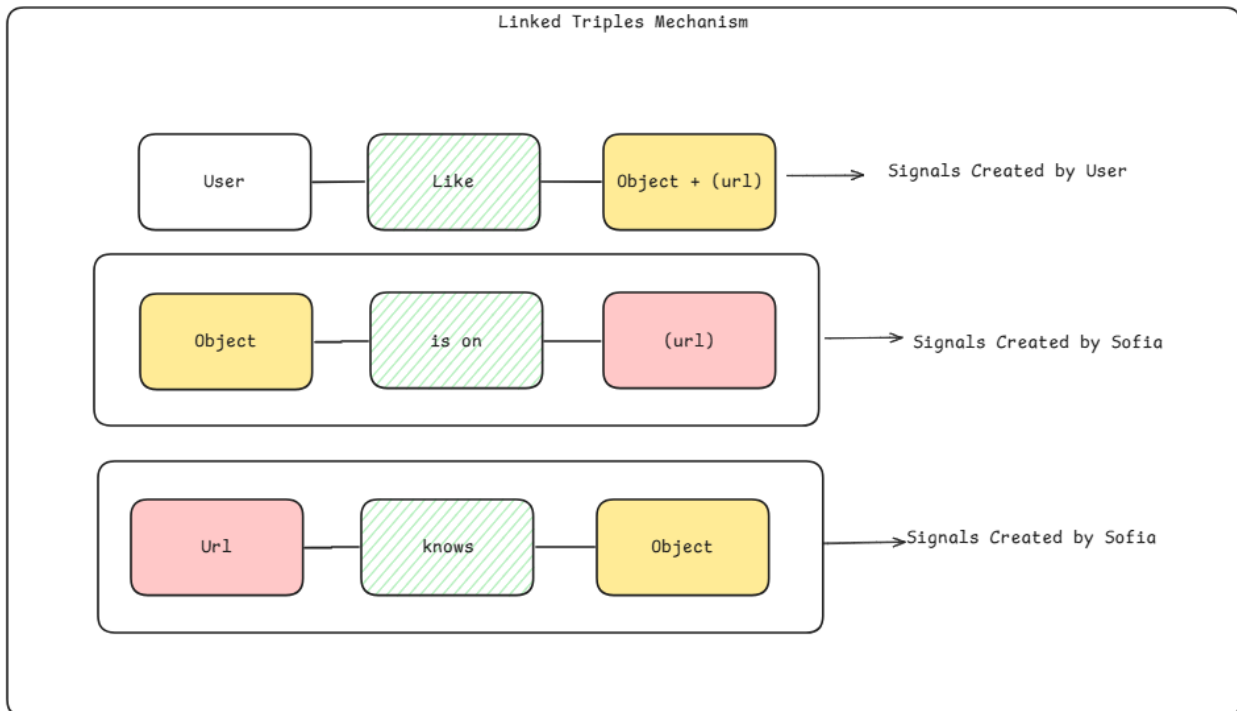
Develop a treasury development model leveraging Intuition's knowledge graph logic, nested triples, and bonding curve mechanisms. This model will enable Sofia to generate recurring treasury accumulation through the creation and curation of valuable knowledge graph relationships while rewarding users who actively contribute to and utilize the Linked Triples via an equitable reward mechanism. The overall design will maintain alignment with user interests and platform growth.

**Sofia Fee Structure:** Sofia charges a small fee through a proxy contract on all blockchain operations to support the development and maintenance of the platform. For creation operations (atoms and triples), we charge a fixed fee of 0.1 TRUST for deposits and we charge 5% of the deposit amount. All collected fees are sent directly to a [Gnosis Safe](#) multisig wallet managed by the Sofia core team. These fees help us continue improving the Sofia experience while keeping the platform sustainable. As Sofia grows and reaches wider adoption, we plan to progressively reduce these fees over time.

## Linked triples architecture suggestion

The idea here is that Sofia always participates in bonding curves.

- Step 1: Sofia creates triples from navigation analysis (Youtube) (e.g. I like Donald Trump)
- Step 2: The user invests in the triples—Sofia then create a linked triples (e.g. Youtube knows Donald Trump - )
- Step 3: Another user invests in the same linked triples > Sofia withdraws a part her initial position > Then places another position (linear curve)



## Web 2 user attraction

- Wrap all the interaction with the Intuition block-chain in an abstraction layer so the user doesn't have any feeling of interacting with a complex technology (e.g : delegation through ERC-4337).
- Import all the data from the user's favorite platform (X, Google Maps, OpenTable, Booking.com, Airbnb...).
- Import external data from personal life ( books , doc , picture .... ).

## Community-Driven Governance

Implement a transparent decision-making DAO where the Sofia community actively participates in product roadmap decisions through structured feedback and decentralized voting. We want to build a meritocratic DAO as the core decision-making and governance interface of our platform. Instead of relying on purely financial influence, our governance system rewards meaningful contributions such as participation, curation, knowledge creation, and trust-building as the real drivers of influence. This ensures that users who help the ecosystem grow gain a proportional voice in defining its future. By enabling transparent, decentralized voting and proposal management, the DAO empowers the community to actively shape product evolution, economic policies, and ecosystem priorities. Ultimately, our meritocratic governance model aligns incentives and reinforces a sustainable, user-driven growth strategy for the application.

## Deep Intuition Ecosystem Integration

Become a key contributor to the Intuition ecosystem by:

- Building native integrations with Intuition's core infrastructure
- Contributing to protocol development by driving adoption to Intuition
- Establish partnerships with complementary Web3 projects



## Key dependencies

**Intuition Protocol Stability:** Sofia's core functionality relies entirely on the stability, performance, and feature set of the underlying Intuition mainnet and indexer. To ensure maximum reliability and contribute directly to the protocol, we plan to become active validators by hosting one or several Intuition nodes.

**Phala Network Performance:** The successful deployment and scalability of the TEE machines depend on the sustained performance and availability of the Phala Network.

**Community Adoption:** The core value proposition is directly dependent on active user participation to create and validate the verifiable knowledge graph.

**Gaianet:** Decentralized infrastructure of open source model through domain rental and node hosting. This ensures secure and anonymous model usage for all users.

## Risk assessment

**Technical vulnerability:** risk of bugs among partners (e.g *major upgrade of our dependencies, discontinuation of one or more services*)

*Mitigation: Establish a genuine partnership, thorough security audits before launch, gradual deployment (Alpha -> Beta) (Blue -> Green)*

**Adoption and engagement:** risk that users will not use Sofia, or will use it very little, because the technology is still not widely understood.

*Mitigation: Educational focused on the unique advantage in terms of relevance. Creation of videos for presentation/training purposes*

## How this work compounds value for the network

- Sofia aimed to become the flagship application for the Intuition protocol, allowing users to intuitively create a claim to improve the knowledge graph based on his habits.
- By creating claims and identity from web navigation habits and personal human input we help create a real data network valued by humans and helpful for agents.
- This web-navigation analysis combined with credibility signals allows the user to build a certification map that helps future users to navigate with greater awareness.
- By encouraging the creation of claims, which helps to strengthen the integration of new data.
- Sofia will allow users to intuitively interact with the knowledge graph of their trusted circles, while still preserving the full value of the broader, globally accessible knowledge graph.
- Finally, by highlighting the secure and verifiable nature of personalized AI through AgentRank (ERC-8004), Sofia and Intuition prove the usefulness of a decentralized and verifiable knowledge graph that will revolutionize the way information is exchanged between users.

# 5. Intuition Ecosystem Alignment

## Why Intuition?

We chose Intuition for transparency, ethics, innovation, and open-mindedness. Distributed verification and storage guarantee the portability and inviolability of the knowledge graph. Intuition is creating a new way to certificate the web and how trusted information can come in your private space.

## Which Intuition primitives you will use

Atoms, Triples, Nested Triples, Lists, MCP, Knowledge Graph, AI context, Permission graph

## Why this must be built on Intuition

This project can only be built on the Intuition Protocol, because Sofia's mission is fundamentally inseparable from Intuition's core principles and its ability to enable a decentralized, verifiable web.

**Verifiable Knowledge Graph:** Intuition provides the essential infrastructure for handling triples and atoms, the semantic building blocks required to create Sofia's community-validated knowledge graph. This is necessary for moving beyond proprietary ,siloes and unverified data structures.

**Decentralized Trust and Identity:** The protocol provides the mainnet and indexer infrastructure needed to store and verify on-chain identity and trust metrics. Without Intuition, Sofia's central feature—the decentralized "Trust this site" system and its connection to user activity—would lack its foundational layer of verifiable truth.

**Data Integrity:** Intuition enables the publishing of user insights directly on-chain, strengthening the link between user behavior and verifiable blockchain data. This prevents data manipulation and ensures the integrity required to challenge centralized algorithms.

**Recommendation Layer:** Sofia's recommendations are built directly from the knowledge the user has intentionally written to their personal graph. Working as a personal suggestion algorithm.

## Links:

[Github](#)  
[Website](#)  
[Sofia Chronicles](#)

[DAO Sandbox](#)  
[Alpha tester Guide](#)

[Visual Identity Research](#)  
[Figma Visual Identity](#)  
[Initial Figma project](#)

[Whimsical \(Initial Brainstorm\)](#)

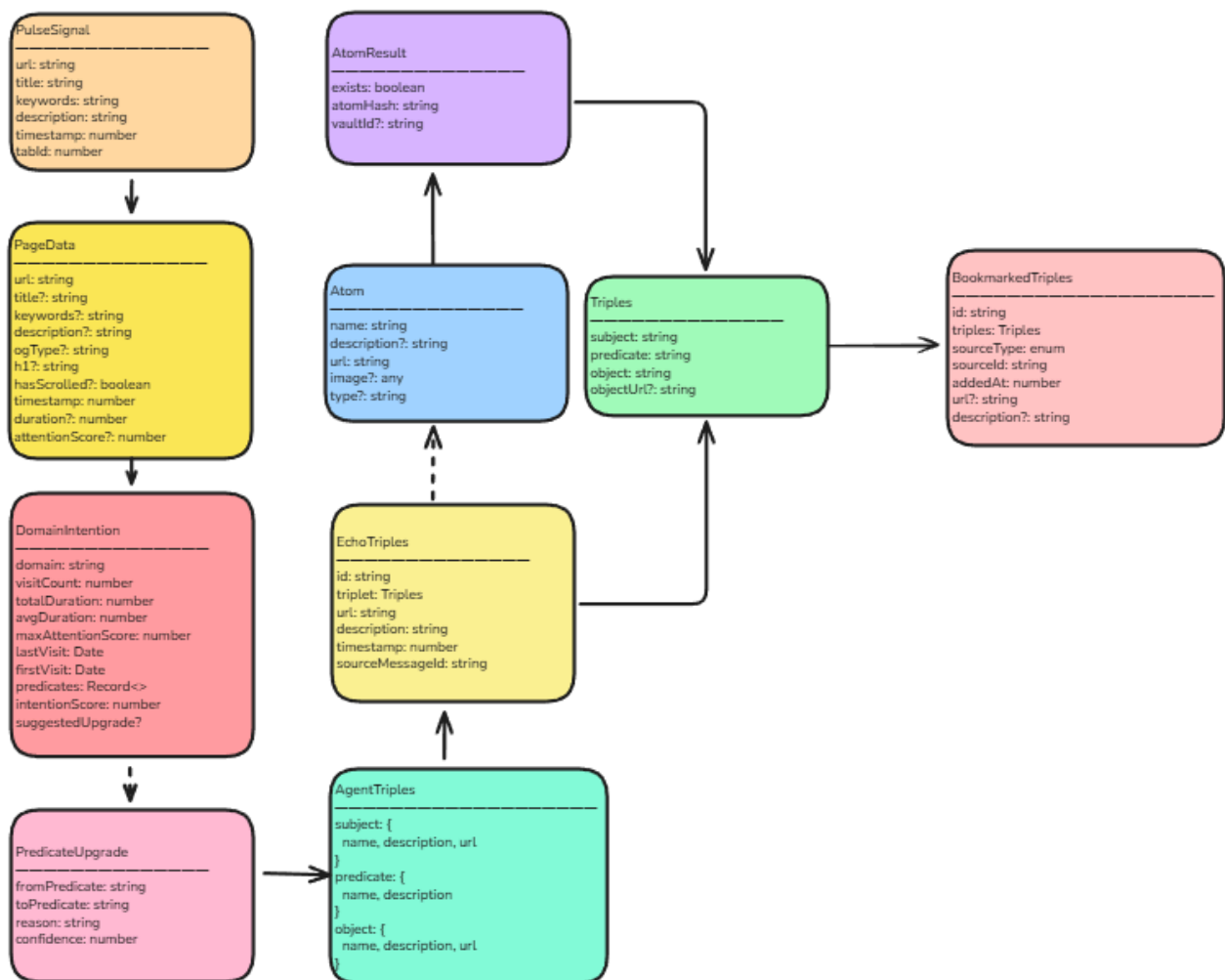
## How do you plan to integrate TRUST, the native currency of Intuition Network

Trust is the native currency used in our application to interact with the Intuition protocol. The user can influence the recommendation agent by weighting the claims in their profile, which adjusts the level of interest assigned to each topic.

Users can follow others and create trust links by issuing claims such as “I trust (userX)”. This feature allows them to track others’ moves on various bets and intuitively join the actions taken by their trusted circle.

Finally, TRUST will be the only currency used within our application.

## Data structure plan (atoms, triples, signal, schemas)





## Predicate Upgrade Rules (automatic suggestions)

To Predicate	Visits	Avg Duration	Attention	Days Active
master	>= 100	> 8 min	> 0.95	>= 30
value	>= 50	> 6 min	0.85	>= 14
likes	>= 20	> 3 min	0.70	>= 7
are interested by	>= 8	> 2 min	0.50	-
has visited	>= 1	-	-	-

## Domain Intention Score Calculation

- $\text{frequencyScore} = \log(\text{visitCount} + 1) * 0.8$
- $\text{durationScore} = \min(\text{avgDurationMinutes} / 5, 2) * 1.2$
- $\text{attentionScore} = \text{maxAttentionScore} * 1.5$
- $\text{predicateScore} = \sum(\text{predicateCount} * \text{weight}) * 0.5$
- $\text{recencyBonus} = \max(0, (7 - \text{daysSinceLastVisit}) / 7) * 0.8$
- $\text{consistencyBonus} = (\text{if visits} > 3 \ \&\& \ \text{days} > 1) \min(\text{days}/30, 1) * 0.5$

## Sofia Agent Outputs Schema

### ThemeExtractorOutput

#### User Profile Analysis

```
triplets: [  
  subject: "User"  
  predicate: string  
    // "are", "like", "use", "watch"  
  object: string  
  category?: string  
  confidence?: number  
  urls: string[]  
]
```

### PulseAgentOutput

#### Current Intentions

```
themes: [  
  name: string  
  category: string  
    // "Programming", "Travel"  
  confidence: number  
  predicate: string  
    // "research", "compare", "learn"  
  object: string  
  keywords: string[]  
  urls: string[]  
]
```

### RecommendationOutput

#### Smart Suggestions

```
recommendations: [  
  category: string  
  title: string  
  reason: string  
  suggestions: [  
    name: string  
    url: string  
  ]  
]
```

### Sofia Output

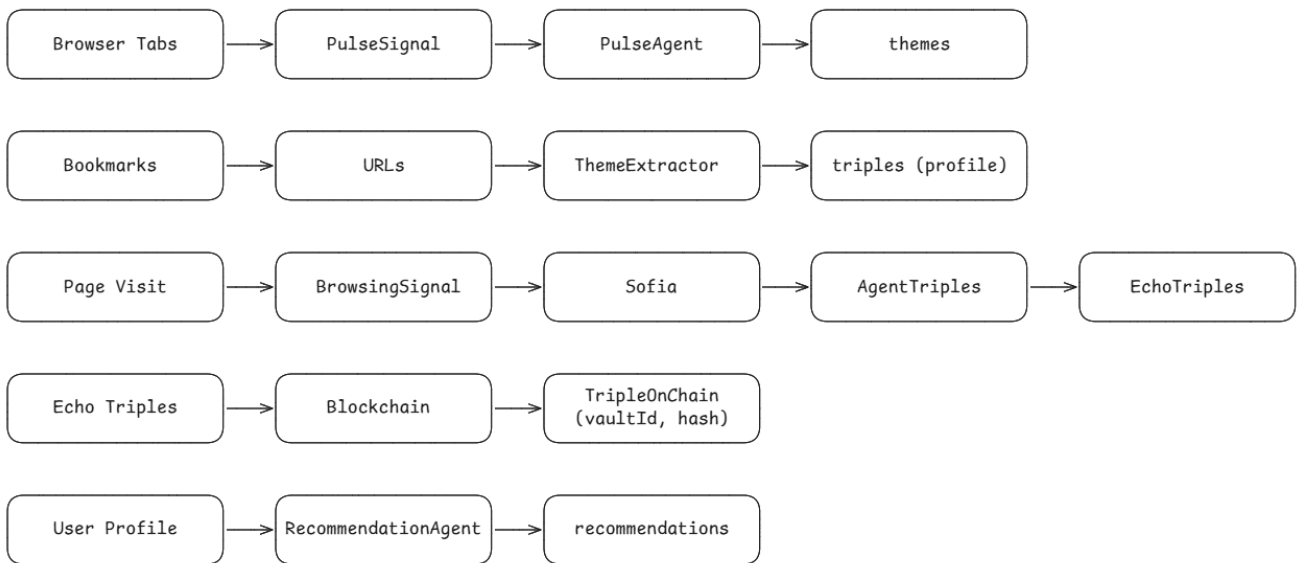
#### Browsing Triples

```
triplets: AgentTriplet[]  
  
// Enriched triplets with  
// full semantic context
```

## Supported Predicates

Agent	Predicates
Sofia	trusts ,master, value, love,like, are interested by, have visited
ThemeExtractor	are, like, use, watch, listen to, code in, work with, buy, play, are interested in, are learning about
PulseAgent	research, compare, evaluate, plan, learn, explore, consider, analyze

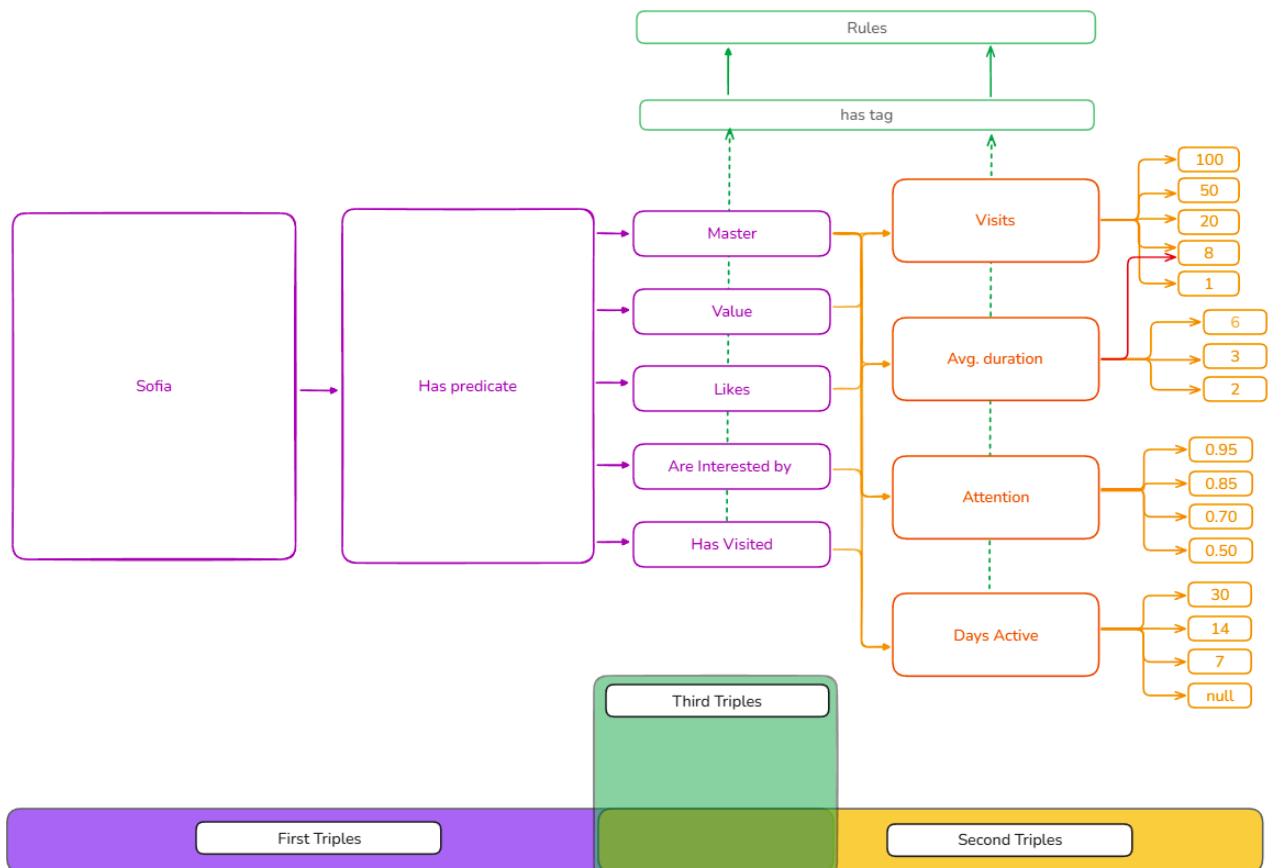
## Data flow



## New schemas, patterns, or agent types you might introduce

### Nested Triples Schema for predicate generation

Transparent proof of predicate generation system in sofia's agents by creating all the relation in the protocol



### Linked Triples Agents (Autonomous Graph Builder)

**Purpose:** Autonomously creates linked triples to build semantic chains connecting user interests to deeper knowledge relationships. When a user creates a triple, they will create three relationships or at least participate in three triples. This multiplies user interaction compared to normal activity.

**Operates:** Independently via MCP (Model Context Protocol)

**Acts as:** Sofia's autonomous knowledge graph expansion agent

## **How this increases network activity or knowledge density**

The introduction of the LinkedTripleAgent transforms Sofia from a simple triple recorder into an autonomous knowledge graph builder. Currently, user browsing generates isolated triples (User → predicate → Object) with no inter-connections, resulting in a sparse, flat graph. The LinkedTripleAgent autonomously expands each user triple by querying related concepts via MCP and creating 1-3 linked triples with semantic relationships (is related to, part of, leads to, knows...), plus reverse links back to the user—multiplying triple creation and blockchain operations.

## **Long-term contribution to the ecosystem (12–24 months)**

Beyond the immediate 3-month grant period, Sofia is positioned to become a foundational infrastructure layer for Intuition Protocol, driving sustained adoption and demonstrating novel use cases for semantic trust graphs at scale. (e.g: As early adopters of the proxy-fee pattern in open source, we will provide reusable templates to empower future builders)

### **Ecosystem Growth & Network Effects**

Sofia will onboard thousands of daily active users who continuously generate high-quality attestations through natural browsing behavior and human input. Each trusted site, recommendation, and friend connection creates new triples on Intuition Protocol, organically expanding the knowledge graph. Within 12 months, we project Sofia users will collectively generate over 100,000 attestations monthly, creating a self-reinforcing network where trust becomes more valuable as participation grows.

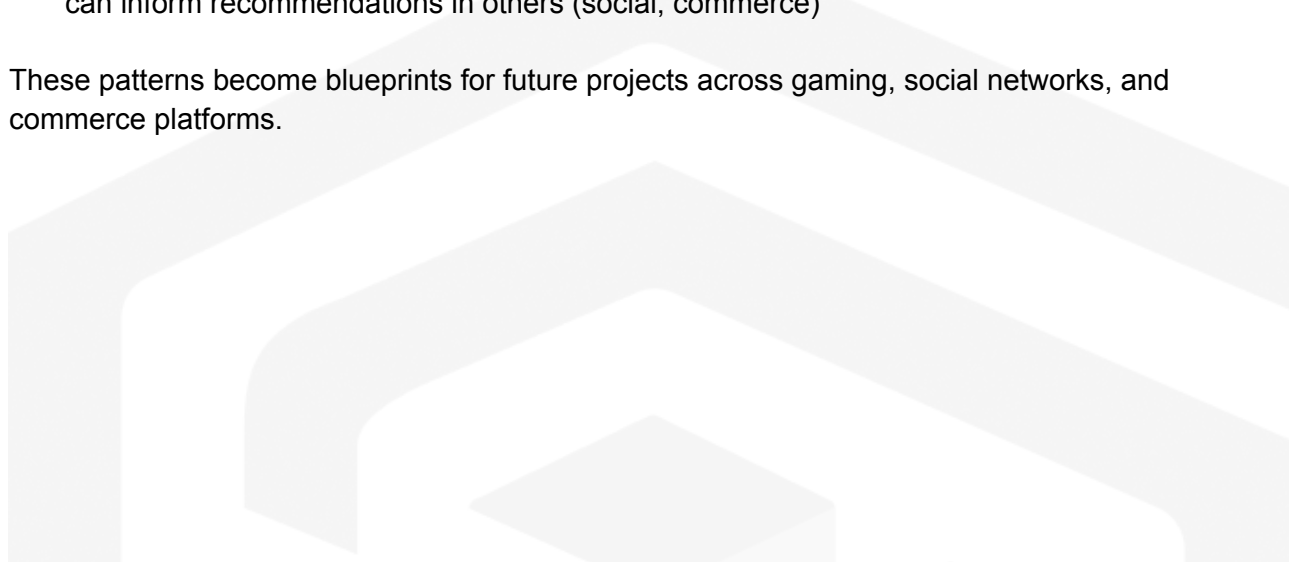
Sofia's human-based trust attestations provide unique opportunities for research into reputation systems, recommendation algorithms, and semantic web evolution, demonstrating that decentralized semantic infrastructure can power experiences that genuinely improve how people discover and share knowledge online.

### **Novel Protocol Use Cases**

Sofia validates several groundbreaking applications of Intuition Protocol:

- Friend-based AI recommendations - demonstrating semantic trust graphs for personalized discovery
- Decentralized identity through browsing behavior - proving reputation can emerge from authentic activity rather than self-reported credentials.
- Cross-platform trust portability - showing how attestations created in one context (browser) can inform recommendations in others (social, commerce)

These patterns become blueprints for future projects across gaming, social networks, and commerce platforms.



## Strategic Partnerships & Integration

We're positioned to forge partnerships with Web3 browsers and decentralized social protocols. These integrations exponentially increase Intuition Protocol's reach and demonstrate its versatility.

From day one, Sofia has been built as a truly open-source project, intentionally leveraging Intuition's ecosystem partners to demonstrate the power of composable decentralized infrastructure. We've integrated ElizaOS for multi-agent orchestration, Phala Network for secure TEE computation, and Gaia for decentralized LLM inference proving that these technologies work seamlessly together in production.

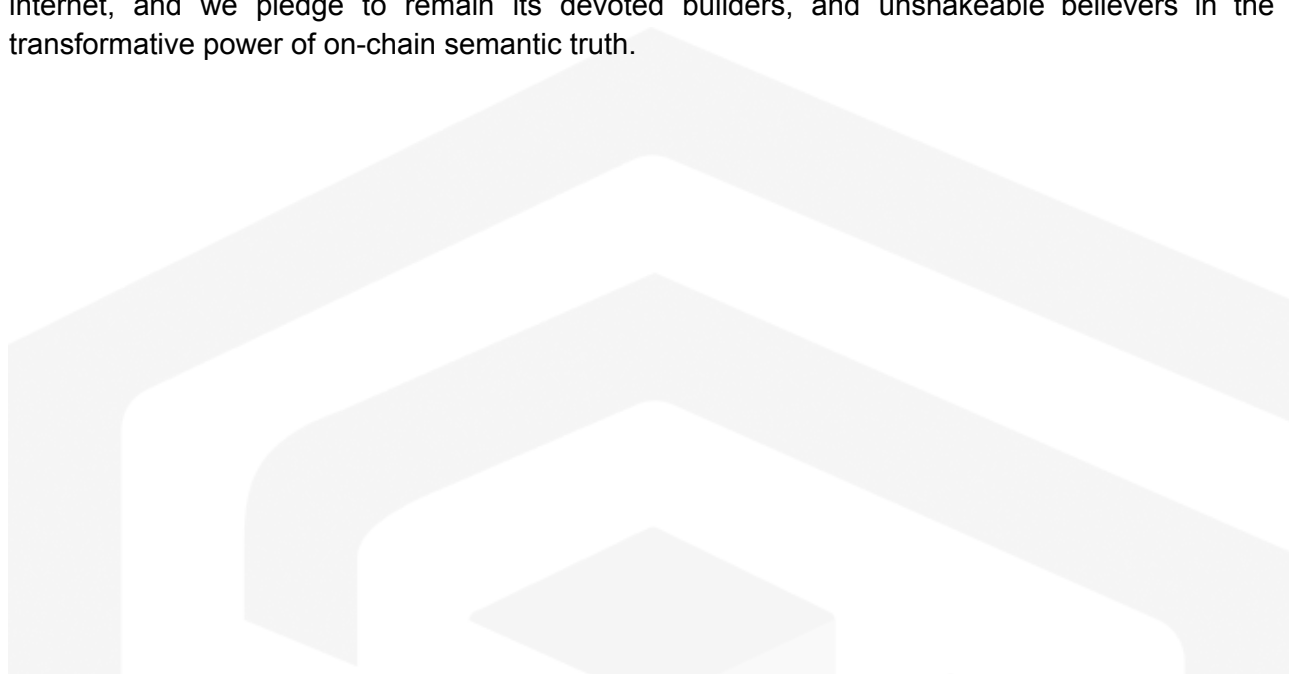
This approach isn't just technical pragmatism; it's a philosophical commitment to the Web3 ethos of building in public, composing with others, and amplifying the entire ecosystem rather than creating isolated silos.

Over the next stages, we'll maintain this principle as a core part of Sofia's architecture: whenever we need a new capability—whether for storage, identity, computation, or any other infrastructure layer—we will prioritize Intuition's ecosystem partners first and stay fully transparent. This commitment ensures that Sofia remains a showcase for the entire ecosystem's capabilities while creating genuine demand and production validation for partner protocols.

By consistently choosing Intuition partners over generic alternatives, we help strengthen the network effects of the ecosystem and demonstrate that building collaboratively delivers superior results.

This virtuous cycle benefits everyone: partners gain a production use case with real users, Intuition Protocol demonstrates its versatility across different technical stacks, and Sofia becomes increasingly robust by gathering more and more users. We're committed to remaining open-source, sharing our learnings publicly, and actively promoting the technologies we integrate—because we believe the future of Web3 depends on projects that build bridges, not walls.

Our commitment to Intuition Protocol transcends partnership. Sofia exists because we believe Intuition Protocol represents nothing less than the foundational layer for the next evolution of the internet, and we pledge to remain its devoted builders, and unshakeable believers in the transformative power of on-chain semantic truth.



# 6.Sustainability & Long-Term Vision

## Long-Term Vision

### Peer-to-Peer Knowledge Exchange

Enable users to share and exchange knowledge through Sofia's embedded AI agents

This includes:

- Redesigning the UX to clearly communicate how individual knowledge graphs contribute to collective intelligence (from the moment a user becomes part of your trust circle)
- Design intuitive interfaces that effectively highlight the value and interconnections of the knowledge graph.
- Demonstrate this value to the user by adopting a chosen reality point of view (tunnel vision), for instance, by showing the benefits of a rich profile during the app onboarding process (e.g., using the app as the persona 'Billy' could).

Kind of interaction we imagine:

**Prompt:** "Give me the best 3 restaurants in Cannes"

#### Chatbot Answers:

*"Based on what I found and my "knowledge graph" of your friends preferences, here are the three best restaurants in Cannes:*

*1. Fred l'Écailler Loved by **Max and Matt favorite restaurant***

*Fred Garbellini, the owner with his signature red beanie, serves what some describe as life-changing fresh seafood and shellfish The Hollywood Reporter.*

*2. Table 22 **Zet and Sam's favorite restaurant***

*Located in Le Suquet with a seasonal provençal menu featuring stuffed zucchini flowers, truffle risotto, and local fish The Infatuation,.*

*3. La Palme d'Or at Hôtel Martinez Internet's crown jewel*

*The 2-Michelin star restaurant is now helmed by head chef Jean Imbert, serving large prawns, squid and local vegetables with spellbinding bay views Komos Knows.*



## Portability : Sofia PRO

### **Sofia's core technology opens an entirely new enterprise market for Intuition Protocol:**

workplace skills validation through authentic browsing behavior. Organizations spend billions annually on certifications and skill assessments that rely on self-reported data or artificial testing environments. Sofia transforms this by generating verifiable, on-chain attestations of employee expertise based on their actual work patterns—the documentation they read, the tools they use, the communities they engage with.

A developer who regularly navigates React documentation, Stack Overflow threads on TypeScript, and GitHub repositories naturally builds a tamper-proof skills graph that's far more credible than any resume claim.

For enterprises, this means real-time visibility into team capabilities, automated identification of knowledge gaps, and legitimate credentials for workforce planning—all while employees benefit from portable, blockchain-verified proof of their expertise.

This B2B application creates significant revenue opportunities for both Sofia and Intuition Protocol while dramatically expanding the total addressable market beyond consumer applications. The attestations generated through enterprise adoption further enrich Intuition's knowledge graph with high-quality, professionally-relevant semantic data, creating a virtuous cycle where workplace validation strengthens the entire ecosystem.

## Mobile-First Expansion

Launching a native iOS and Android applications that make Sofia's knowledge graph capabilities accessible anytime, anywhere, and significantly expanding our potential user base beyond desktop users.

Mobile Expansion will also allow us to develop features based on localisation and real human interaction (e.g: visits, human interaction, [World id](#)).

## Innovative Roadmap Development

Building a sustainable, decentralized application requires transparent, community-driven governance. Our commitment is to collaborate with the community to build a forward-thinking roadmap. Initially, this will involve actively soliciting feedback from early adopters and key contributors via dedicated communication channels to prioritize feature development and refine protocol economics.



## Competitive landscape

Sofia operates within the burgeoning Web3 knowledge layer, primarily competing with centralized AI assistants and traditional bookmarking tools, while addressing the core shortcomings of both. Our direct competitors include large language models (LLMs) such as Google's Gemini, OpenAI, Claude which are deeply integrated into centralized ecosystems.

However, Sofia distinguishes itself through a fundamental commitment to decentralization, user ownership, and verifiable trust. Traditional assistants utilize proprietary data silos, leading to "black box" recommendations and privacy concerns.

By leveraging the Intuition Protocol (MCP) and on-chain attestations, Sofia provides a transparent, verifiable knowledge , allowing users to trace the provenance of information and recommendations.

Furthermore, while products like Arc's tab management or advanced bookmarking extensions offer some level of personal organization, they lack the crucial element of semantic linking, community weighting, and monetization for knowledge contribution that Sofia facilitates, positioning us as the first truly Agentic AI Context Layer built directly on a decentralized trust primitive.

## Post-Grant Sustainability Plan

### Business or revenue model

#### 1. Native Protocol Revenue Model (Core Business)

Our core economic model is centered on the utilization of the Intuition protocol:

- Fees on On-Chain Interactions: Initial revenue will be generated via the Fee Proxy contract, applying fees to on-chain interactions from deposit operations.
- Value Generation through the Graph: We aim to generate sustainable revenue through the curation and creation of linked triples on the Intuition protocol.
- Bonding Curve Mechanisms: Value is generated through the linear bonding curve where each additional investment increases the share price, while withdrawals never reduce it. Sofia participates alongside users, helping strengthen their share position without creating downward pressure on the curve when exiting.

#### 2. Monetization Model (Long-Term Vision)

To ensure sustainability beyond the grant period, we have identified B2C and B2B monetization avenues:

- Sofia (B2C): A subscription-based solution to maintain the AI services provided by our agents ecosystem .
- Sofia PRO (B2B): Customized solutions for organizations seeking decentralized competencies management. This validates employee skills based on authentic behavior (on-chain attestations), providing verifiable information for workforce upskilling.



### 3. Funding & Growth Strategy

- Diversification: We plan to apply for additional grants from aligned ecosystems (e.g., ElizaOS, Gaianet, Phala).
- Strategic Partnerships: We will explore partnerships with other Web3 projects to expand our reach.
- DAO Treasury: A treasury funded by protocol revenue will support long-term development.
- Transparency: We are committed to publishing quarterly financial reports and implementing community governance for major financial decisions.

### The Necessity of Future Token Implementation

To move beyond the initial grant phase and achieve the exponential user growth required for a truly strategic Web3 asset, the introduction of a native token will become a serious consideration. While our current focus is on building a robust product layer on the Intuition Protocol's economics, history shows that decentralized applications (dApps) face structural limitations in scaling user acquisition and retaining high-quality contributors without an aligned incentive mechanism.

Therefore, we project that a token launch will be a necessary step to successfully transition Sofia from a funded project to a self-sustaining and globally visible ecosystem asset.

### Go-to-market or distribution strategy

#### Primary Communication Channels

##### *X (Twitter)*

- Product updates, feature announcements, and development progress
- Engagement with Intuition ecosystem and broader Web3 community
- AMA sessions and community spotlights

##### *Discord Server*

- Direct engagement with the core team
- Roles and rewards
- Regular events: Office hours, community calls, hackathon announcements

##### *Content Strategy*

- Documentation improvements
- Videos, Visual creation with CT contributors -
- Explainers on Intuition protocol integration and nested/linked triples
- Use cases from early adopters

#### Technical Content

- Open-source contributions
- Documentation and developer resources

### Community-Driven Content

- Collaborative roadmap discussions
- Transparency reports on development progress

### Event Calendar

- Quarterly X Spaces with ecosystem partners
- Discord events (workshops, Q&A sessions)
- Participation in major Web3 conferences and hackathons

## 7. Additional Materials

### Product Specifications

#### Platform & Architecture

- Platform: Chrome Extension (Manifest V3)
- Frontend: React 18+ with TypeScript
- Backend: ElizaOS multi-agent framework with PostgreSQL
- Blockchain: Intuition Protocol
- Secure Execution: Phala TEE
- LLM : Gwen 2.5 14B-Instruct- Q8

#### Browser Compatibility

Chrome: v120+ (primary support)

Edge: v120+ (Chromium-based)

Brave: v1.60+ (privacy-focused testing)

#### System Requirements

Wallet: MetaMask account and Intuition account



## Core Features

- Multi-agent system powered by ElizaOS and Gaiant
- Real-time tracking of user browsing patterns (with explicit consent) and translating them into triples before publishing allows the user to choose what becomes linked to their profile.
- Import your bookmark from google to have a semantic profile analysis translated in triples .
- OAuth sign in to import data from Spotify/Twitch/Youtube and translate them into triples .
- Weighing claims on-chain .
- Recommendations based on your on-chain profile, adjusted by your personal weighting.
- Trust component for web browsing( allow you to see you how much triples / atoms are link to this internet page , market cap and calculate a credibility score based on those data )
- Pulse Analysis collects info from your opened Tabs to create a group of triples reunited by thematic and intention.
- You can create bookmarks of triples as lists .
- Profile page with a first layer that allows users to follow each other, and a second layer with a trust option that lets users see the actions of their trusted friends and instantly follow the same move (identity creation, claim creation, redeem, deposit, follow).
- ChatBot
- Privacy-preserving data collection (local processing only)
- Configurable tracking preferences and options.
- No central data storage or surveillance

## Roadmap 2026

*\*This roadmap is indicative and will be refined through community vote and adjusted based on user feedback.*

## Data & Integrations

- More social import data
- Connect more platform by OAuth
- Platform fetch on user demand - Create a button to fetch new data from your already connected platform (Spotify, Youtube, Twitch)
- Drag & Drop Function - to import data like image or document, those data could be sent to an agent to extract most relevant triples

## User Experience & Features

- Untrust a Website
- Publish bookmark as lists
- Share bookmark(list) with trusted circle
- Recommendation with notification
- Show me similar website function (new agent)
- Analyse pulse analysis and show me a website i may have missed (new agent)
- Quest and achievement in sofia
- Reward possibility with lvl progression

### Technical Infrastructure

- Account abstraction (ERC-4337)
- GPU scalability
- Connect with Intuition MCP server

### Economics & Tokenomics

- Linked Triples Economics
- Signal curve value display in extended-signals components

### Governance

- DAO creation on Colony

### Marketing & Communication

- Make a marketing video that present Sofia
- Create extensive visual content for social media and community engagement
- Establish a distinctive and recognizable lore, visual design, and brand identity that are validated through user feedback and engagement metrics.
- Improve Sofia Documentation for Developer Onboarding

## 8. Applicant Attestation

**I confirm that all information submitted is accurate and that I intend to deliver the listed milestones**

**Name:** Chauche Samuel

**Gnosis Safe :** 0x5fAf6fE33E36a7BD73811a2D5395deCcf6E105Ab

**Date:** 12/01/2025

**I confirm that all information submitted is accurate and that I intend to deliver the listed milestones**

**Name:** Saint-Joannis Maxime

**Gnosis Safe:** 0x5fAf6fE33E36a7BD73811a2D5395deCcf6E105Ab

**Date:** 12/01/2025

