

Absolutely! Here's a concise but thorough product documentation for the "**Proof of Insight (PoI) Verifier**"—your AI+Blockchain idea built for rapid deployment:



# Product Documentation: Proof of Insight (PoI) Verifier



## Overview

**PoI Verifier** is a lightweight, AI-powered platform that enables financial analysts, researchers, and thought leaders to submit original insights. These insights are evaluated by AI for quality and originality, and permanently recorded on a blockchain—offering immutable proof of authorship and intellectual contribution.



## Use Case

- Financial analysts seeking recognition for original market insights
- Research writers wanting timestamped verification of first publication
- Communities tracking intellectual contributions in decentralized forums
- Institutions verifying originality before promoting or endorsing content



## Core Features

- **AI Evaluation:** NLP model analyzes submitted text for originality, sentiment, relevance (e.g., tags like "Ethereum", "Inflation", "Tech Stocks").
- **Blockchain Anchoring:** After passing evaluation, the content's hash is stored on-chain (Polygon/ Near) as a cryptographic "PoI token".
- **User Dashboard:** Users can view their verified insights, badges, and hash record.
- **PoI Badge Generator:** Creates a shareable badge/token for social or professional profiles.
- **Leaderboard (Optional Extension):** Rank users

by originality, frequency, or sector impact.



## Architecture Diagram (*Text-based Summary*)

User → Frontend UI → Backend (API) → AI

Evaluator → Blockchain Record → User Dashboard



## Tech Stack

Layer-----Technology

Frontend -----React

Backend-----NodeJs

AI/NLP-----OpenAI API

Blockchain-----Base

Hashing-----AlgoSHA256 or Keccak256

Database (optional)Firebase or Supabase



## MVP Timeline (7-Day Shipping)

DayTask

1Define user flow + UI wireframe

2Build frontend MVP (Insight Submission + Dashboard)

3Implement AI text evaluation logic

4Set up backend API + hash generation

5Connect blockchain write function

6Test and polish UX + styling

7Deploy to Vercel/Netlify + Launch page



## Future Add-ons

- Tokenized Insight Marketplace (trade valuable insights)
- AI Analyst Profiles with personality and writing style
- Decentralized Voting for content verification



## Branding & Positioning

"Proof of Insight" gives contributors digital armor for their ideas: Original, immutable, and ready to be shared confidently. Think of it as a GitHub for thought leadership—where insight meets integrity. If you want, I can help mock up the landing page

next or write your launch announcement. Want to name the token or give the badges a visual identity? Let's create that vibe too.