

Developer Brief & Background: FilmFusion & Risidio

1. Background to FilmFusion

What is FilmFusion?

FilmFusion is an innovative project aimed at transforming the film industry by integrating blockchain, Web3, AI, and decentralised finance (DeFi). At its core, FilmFusion seeks to empower independent filmmakers, content creators, and investors by leveraging smart contracts, AI agents, and tokenised film assets to streamline production, financing, and distribution.

The Problem It Solves

The traditional film industry is dominated by centralised studios, opaque funding models, and restrictive gatekeepers. Independent filmmakers struggle to access financing, maintain creative control, and monetise their work effectively. FilmFusion introduces a decentralised, transparent, and community-driven approach to film financing and distribution, reducing reliance on legacy intermediaries and enabling direct engagement between creators and their audience.

The Innovation

FilmFusion brings a cutting-edge technological approach that includes:

- **Smart Contracts** for automated and trustless agreements across funding, rights management, and revenue sharing.
- **AI Agents** to optimise decision-making processes across pre-production, financing, and distribution.
- **NFTs & Ordinals** to tokenise film assets, ensuring fractional ownership and new monetisation models.
- **DeFi** to facilitate decentralised funding models, enabling direct investment in film projects without intermediaries.

2. Background to Risidio & Where FilmFusion Fits In

About Risidio

Risidio is a Web3 innovation hub, specialising in blockchain-based applications and digital asset solutions. With deep expertise in smart contracts, NFTs, and decentralised applications (DApps), Risidio is pioneering next-generation Web3 solutions across various industries, including the creative economy.

FilmFusion's Role within Risidio

FilmFusion aligns with Risidio's mission to decentralise content ownership and distribution. It sits at the intersection of blockchain, AI, and digital media, leveraging Risidio's technical infrastructure to create a fully integrated platform for film financing, production, and audience engagement.

Relationship with PROM & Tabb

- **PROM** is a UK-based virtual film studio focused on leveraging FilmFusion to create a decentralised production ecosystem.
 - **Tabb** is a technology and film community partner based in Bristol, UK, providing the underlying platform and community infrastructure, ensuring seamless integration between Web3 and traditional content workflows.
 - **Risidio's Role:** As the technology backbone, Risidio ensures FilmFusion's smart contract execution, AI-powered automation, and Web3 integration are robust, scalable, and aligned with the project's goals.
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3. Background to PROM & Tabb and Where FilmFusion Fits In

PROM's Vision

PROM aims to disrupt traditional film financing and production by introducing blockchain-powered transparency and decentralisation. Its global network of filmmakers and investors positions it as an ideal collaborator for FilmFusion.

Tabb's Role

Tabb provides the core Web3 infrastructure, integrating FilmFusion's smart contracts and AI components into a seamless, user-friendly film community ecosystem.

FilmFusion's Position

As a decentralised layer within PROM and Tabb's ecosystem, FilmFusion provides filmmakers, investors, and audiences with direct access to funding and distribution channels, bypassing traditional industry gatekeepers.

4. Role of Smart Contracts

Smart contracts are at the heart of FilmFusion, ensuring:

- **Automated royalty payments** to investors and creators.
- **Trustless film financing** through tokenised revenue-sharing agreements.
- **Secure rights management** with on-chain verification of ownership and IP rights.

Technologies currently under consideration: **Solidity (Ethereum), Clarity (Stacks), Rust (Solana), Other TBD.**

5. Role of AI Agents

AI Agents enhance FilmFusion by:

- **Predicting film success** through data-driven insights.
- **Automating script analysis** for market fit and genre preferences.
- **Optimising investor matching** based on past film performance and audience engagement.

Technologies currently under consideration: **Machine Learning Models, Natural Language Processing (NLP), Predictive Analytics, Other TBD.**

6. Role of DeFi

Decentralised Finance (DeFi) in FilmFusion enables:

- **Peer-to-peer film financing**, allowing fractional investment in projects.
- **Liquidity pools** for film-backed tokens, creating secondary markets for film assets.
- **Yield farming & staking models** to incentivise long-term engagement from backers.

Technologies currently under consideration: **Ethereum-based DeFi protocols, Stacks DeFi, Solana DeFi frameworks, Other TBD.**

7. Tech Stack & Why

FilmFusion's tech stack is carefully chosen to ensure scalability, security, and decentralisation:

- **Blockchain:** Ethereum (Solidity), Stacks (Clarity), Solana (Rust)
 - **DApp Development:** React.js, Next.js (Frontend), Node.js (Backend)
 - **Smart Contracts:** Solidity, Clarity, Rust
 - **AI Development:** TensorFlow, OpenAI APIs, Custom AI agents
 - **DeFi Protocols:** Uniswap, Stacks DeFi, Solana SPL Tokens
 - **Storage:** IPFS, Arweave (for decentralised storage)
 - **Oracles:** Chainlink (for real-world data integration), Other TBD.
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8. What We're Looking For in a Developer

We seek a highly skilled blockchain and AI developer who is:

- **Proficient in Solidity, Clarity, and Rust** for smart contract development.
 - **Experienced in DApp development** with frontend and backend expertise.
 - **Knowledgeable about NFTs, Ordinals, and DeFi** for tokenised film financing.
 - **Capable of developing AI Agents** for predictive analytics and automation.
 - **Passionate about Web3 innovation** and decentralised content ecosystems.
 - **Able to collaborate with a multidisciplinary team**, including filmmakers, investors, and blockchain engineers.
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9. Key Considerations for the Developer

Is This the Right Project for You?

- If you are passionate about the intersection of **blockchain, AI, and entertainment**, FilmFusion offers a unique opportunity to shape the future of decentralised film production.
- If you enjoy working on **cutting-edge Web3 projects**, where **AI, DeFi, and smart contracts** play a pivotal role, this is the perfect challenge for you.

How Can You Add Value?

- By contributing to **scalable smart contracts** that redefine film financing.
- By enhancing our **AI-driven predictive models** to support filmmakers.
- By innovating within **DeFi-based funding structures** for film projects.

What's in It for You?

- **Work on an industry-first platform** revolutionising film production with Web3.
 - **Join a high-calibre, innovative team** with deep expertise in blockchain, AI, and entertainment.
 - **Opportunities for leadership** in defining Web3 standards for media and entertainment.
 - **Competitive compensation and token incentives** aligned with project milestones post-funding.
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Conclusion

FilmFusion is at the cutting edge of blockchain, AI, and decentralised entertainment. If you are an ambitious developer looking to make an impact in Web3 and the film industry, this is the perfect opportunity. We look forward to working with individuals who are eager to drive innovation and bring FilmFusion to life.

If this excites you, let's talk more.

Appendix – FilmFusion Project Summary

Risidio/FilmFusion and The People's Republic of Movies ("PROM"), a UK-based virtual film studio, is collaborating with Tabb on this project.

PROM's Global Ambassador, Lucas Foster, Executive Producer on iconic films like *Mr. & Mrs. Smith* and *Ford v Ferrari*, is an Advisor to the project, aiming to drive innovation and sustainable growth starting in the UK, supported by Tabb's vibrant film community of 9,000 enthusiastic members.

The global film and TV industry struggles with inefficient, fragmented tools, weak IP protection and opaque financial practices like Hollywood Accounting. Falling investment in the UK's independent film industry (2023's £160M was the lowest in a decade), rising production costs (up 20% in 2023) and limited funding each stifle growth and cause independent filmmakers to delay or abandon projects. With 68% of freelancers struggling to find work, students and new entrants face funding barriers that limit opportunities, reduce revenue potential and discourage innovation. An efficient solution that encourages industry diversity, sustainability, innovation and growth is urgently needed.

FilmFusion aims to develop a unified platform that integrates blockchain-based IP management, smart contracts, AI Agents and collaborative project tools to streamline production, funding and distribution.

Unlike its competitors, FilmFusion's blockchain smart contracts automate IP management and revenue distribution to ensure transparent, automated revenue sharing and robust IP protection for creators. Smart contracts protect 90% more projects from disputes while cutting administrative costs (50%) to provide efficiency and legal clarity. Through this collaboration, we combine project lifecycle collaboration tools (fundraising, recruitment, promotion, legal onboarding) into a seamless workflow. These integrated tools streamline processes, saving project time (30%), reducing risk (20%) and improving workflow efficiency (35%).

The UK serviceable market of 70K people includes 21K independent filmmakers, 15-20K students and emerging digital creators. Globally, the market is 5M, reflecting EdTech-driven growth, high content demand and the millions employed in China/Nigeria/India/Japan/US.