PIJSwap

PIJSwap Finance Whitepaper Version 1.0

Make Pi Great, Make Pioneers Great

PIJSwap：The First Decentralized Exchange (DEX) for the PiNetwork Ecosystem

The Next-Gen Multi-Chain DEX For Pioneers

TRADE.EARN.WIN

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1. Overview of the PIJSwap Platform

1.1 Background of PIJSwap's Inception

PIJSwap was born out of a deep insight into the crypto industry, the future of decentralized finance (DeFi), and the long-term potential of the PiNetwork ecosystem. With the rapid rise of decentralized exchanges (DEXs), the explosive growth of on-chain assets, and the progressive maturity of decentralized financial infrastructure, the demand for decentralized liquidity and trading platforms has become increasingly urgent.

Amidst this pivotal moment of transformation within the industry, PIJSwap emerged as a timely response—positioning itself as the first decentralized exchange (DEX) and liquidity hub purpose-built for the PiNetwork ecosystem.

1.2 Introduction to the PIJSwap Platform

PIJSwap is the world's first decentralized exchange specifically designed for the PiNetwork ecosystem. Much like Uniswap for Ethereum or Raydium for Solana, PIJSwap is committed to becoming the indispensable liquidity infrastructure, asset pricing system, and core trading engine within the PiNetwork.

Although PiNetwork has yet to fully open its mainnet and smart contract capabilities remain forthcoming, it has already incubated strong momentum for on-chain migration. PIJSwap is strategically positioned ahead of this transition, establishing foundational trading infrastructure to power the Pi ecosystem's future financial system. It aims to be the native application that drives PiNetwork into a new era of free asset circulation.

As a foundational platform within the PiNetwork, PIJSwap offers dual strategic connectivity:

Internal Integration:

Serving nearly 100 million Pi users globally by providing a seamless on-chain trading interface and entry point;

Supporting the listing and liquidity provisioning for hundreds of upcoming native DApps within the PiNetwork;

Powering a growth network built around "node incentives × community expansion × user co-creation," enabling users to deeply participate in the ecosystem and benefit from asset value appreciation.

External Expansion:

Designed with multi-chain aggregation and cross-chain compatibility in mind, PIJSwap will progressively integrate with major networks including Ethereum, Solana, BNB Chain, and Base;

Establishing interoperability between PiNetwork and the broader blockchain world, enabling asset mapping, liquidity migration, and cross-chain trading;

Providing global DApp projects with liquidity onboarding mechanisms, PIJSwap will act as a core bridge that synchronizes PiNetwork with the multi-chain ecosystem.

PIJSwap's ambition goes far beyond simply "being a DEX." Its true goal is to become the first financial hub that marks PiNetwork's official entrance into the on-chain economy, catalyzing a structural shift from "off-chain user consensus" to "on-chain asset liquidity."

We believe PIJSwap will become the primary gateway to the on-chain world for nearly 100 million Pi users—and the financial foundation for the future prosperity of the PiNetwork ecosystem.

1.3 Why We Are Called PIJSwap Finance

PIJSwap is more than just a name—it's a rallying call for a new on-chain civilization, a signal flare for pioneers across the globe.

Each letter in PIJSwap carries the essence of our vision and mission:

"PI" stands for Pioneers — the tens of millions of global believers who have remained loyal to and witnessed the growth of PiNetwork.

"J" stands for Joining — the power of convergence. Bringing together users and assets, projects and protocols, the past and the future—it's the foundation for everything we build.

"S" stands for Success — not just platform success, but the empowerment of every community member to realize financial sovereignty and value creation on-chain.

PIJSwap = All Pioneers United, Joining Success. United pioneers, collective success. That's our promise to the Pi community—and our declaration for the future.

This name is more than a brand—it's a symbol of consensus, a mobilization code, and an identity marker for every pioneer.

Why "PIJSwap Finance" instead of just "PIJSwap"? Because our journey never stopped at trading. DEX is the starting point—but from day one, PIJSwap was envisioned as the financial infrastructure of the PiNetwork:

From a "trading platform" to an "on-chain liquidity operating system";

From a "single function" to a "modular strategy + aggregation engine + cross-chain bridge";

From "protocol logic" to "DAO governance + node network + incentive economy + ecosystem fund."

We are building not just a tool—but a community-owned, co-created, and co-governed on-chain financial system.

Finance is not only our ambition—it is our responsibility. By choosing the word Finance, we are answering deeper questions:

Who owns finance?

Who defines the rules?

Who gets to share in the growth dividends of the on-chain era?

At PIJSwap Finance, every user is no longer a "consumer," but a "co-creator":

You participate. You govern. You own.

You trade. You build. You earn.

We are constructing a financial sovereignty field for Pioneers— where every transaction unlocks value, every interaction transmits consensus, and every node becomes a beacon for the future.

This is PIJSwap Finance: a platform not defined by its creators—but by its users.

1.4 PIJSwap Logo Design Interpretation

In every great ecosystem, there exists a symbol—one that represents belief, awakens identity, and leads the way.

For PIJSwap, that symbol is our golden lightning-through-circle totem.

It is more than a logo—it is a flag. A mark of identity for global Pioneers, and a visual rallying cry for on-chain financial awakening. It conveys a visual consensus of **speed × trust × collaborative power.**

Visual Element Breakdown:

Lightning | Pioneering Force Igniting the PiNetwork On-Chain Era

PIJSwap's mission is to ignite liquidity, connect assets, and fuel PiNetwork's financial engine. Lightning stands for speed, energy, and disruption. It represents:

● PIJSwap as the first builder to break ecosystem silence and lead construction;

● Users enjoying real-time trading experiences;

● Most importantly, Pioneer consensus becoming the "detonator" of the on-chain economy.

Circle | Financial Completeness, Anchor of Consensus The circle symbolizes order, cycles, and system stability. In PIJSwap's vision, it embodies three closed-loop concepts:

● A user-centric system built around nodes, incentives, and governance;

- A community-driven flywheel of "governance × incentive × participation × value feedback";

- A sustainable, composable, and evolutionary mechanism architecture.

Symbolic Interpretation:

Lightning Piercing the Ring: Breaking barriers, pioneering construction The lightning cuts through the circle, symbolizing PIJSwap's early action in building on-chain value gateways—even before PiNetwork's full mainnet open-source. This isn't just visual momentum—it reflects our pioneering spirit.

Dynamic + Stable: Agility with structure The lightning embodies explosive responsiveness; the circle, stability and systemic order. Together, they reflect PIJSwap's essence: fast enough to onboard global Pioneers, strong enough to sustain a robust financial system.

Dual Connectivity: Inner cohesion, outer expansion The lightning path slices through the circle's upper and lower arcs—visually expressing PIJSwap's dual mission: Internally, to integrate PiNetwork users, assets, and projects; Externally, to bridge Ethereum, Solana, BNB Chain, and Base—activating a truly interconnected multi-chain liquidity system.

Consensus Ignition: Internally driven, accelerating awakening The lightning breaking free from the circle represents not only visual release—but also the imminent outbreak of on-chain energy, driven by grassroots Pioneer consensus.

Color Significance:

PIJSwap's logo uses a warm, rich golden tone—this is not merely an aesthetic choice, but a visual embodiment of three core beliefs for the on-chain era:

Gold = the Essence of $PIJS

Gold symbolizes enduring value. As PIJSwap's native token, $PIJS is the medium of asset circulation, value capture, and governance consensus. It supports everything from participation and node growth to liquidity provisioning and voting. Gold is the color of $PIJS.

Gold = the Anchor of Trust

Throughout history, gold has symbolized global consensus. By adopting gold, we declare PIJSwap's ambition to become the trust hub for PiNetwork's 100 million+ users worldwide.

Gold = The Signal of the Second Growth Curve

As PiNetwork begins listing on CEXs and accelerates open-sourcing, the on-chain ecosystem is entering full launch mode. PIJSwap, as the first platform initiating PiNetwork's on-chain consensus, will become the primary portal leading pioneers from off-chain to on-chain. Gold marks this historical inflection point—and signals that the golden age for Pioneers is now being lit.

This is not just a logo, but a totem for co-builders and a long-term promise from PIJSwap Finance:

A flash of energy cutting through silence;

A closed ring upholding sovereign finance;

A symbol uniting tens of millions of Pioneers' hopes and dreams.

Beneath it, what happens is not merely trading—But the awakening of sovereignty, the return of value, and the reconstruction of consensus.

1.5 Mission & Vision

Mission To deliver world-class trading experiences and financial services to nearly 100 million Pioneers worldwide— To become the first portal of value circulation on the PiNetwork— To empower ecosystem prosperity and co-create a new financial order.

Make Pi Great, Make Pioneers Greater.

Vision To become the most trusted on-chain DEX within the PiNetwork ecosystem— And from this foundation, ascend to a leading decentralized financial platform across multiple chains.

- Short-Term Goal (within 1 year): Become the largest and most widely adopted DEX within the PiNetwork ecosystem.

- Mid-to-Long-Term Goal (3–4 years): Evolve into a top-tier DeFi platform across all chains—setting new paradigms in user experience, asset freedom, and community governance.

1.6 Core Values

At PIJSwap, we firmly believe that a truly living financial system is not just a product driven by technology, but one that is co-shaped, co-governed, and co-owned by its users.

Platform growth depends not on centralized control—but on the authentic participation and co-construction of every Pioneer.

Based on this belief, we have established three core values:

Co-Create PIJSwap is a financial platform built by Pioneers. From node mechanisms and liquidity allocation, to product functionality and community incentives—every evolution is rooted in user participation and ecosystem feedback. Here, participation is not just an action—it is a force of creation.

Co-Innovate We encourage every Pioneer to be more than a user—be a creator. Whether participating in airdrop campaigns, joining Alpha testing, spreading PIJSwap, or providing product feedback—your contribution shapes the platform's future. PIJSwap is a system powered by co-innovation—roles are limitless, and creativity knows no bounds.

Co-Own The value created by the platform flows back to every contributor. From vePIJS governance voting rights to node dividends and trading rewards—we return growth dividends to the ecosystem, making the platform a truly community-owned financial sovereignty network. Here, trading is contribution, participation is reward, and identity is sovereignty.

1.7 PIJSwap Foundation

The PIJSwap Foundation is the governance nucleus of the platform, the core mechanism for ecosystem coordination, and the institutional and strategic accelerator for long-term prosperity.

As a non-profit entity initiated by seasoned crypto industry veterans, the Foundation is committed to three core objectives: mechanism stability, equitable resource distribution, and continuous ecosystem evolution.

Its primary mission is to support PIJSwap in becoming the first consensus-driven financial infrastructure within the PiNetwork ecosystem.

On the solid foundation of the protocol, the Foundation will gradually expand its role to include ecosystem empowerment—connecting developers, enabling pioneers, and expanding global networks.

Foundational Responsibilities:

① Platform Priority | Institutional Support, Resource Allocation

Managing vePIJS governance model, node systems, trading rules, and listing standards;

Supervising incentive mechanisms to ensure sustainable rewards for real users and node builders;

Allocating treasury resources to optimize trading experience, drive user growth, and inject liquidity.

② Governance Transition | Stable Architecture, Gradual DAO Handoff

Initially executing platform governance frameworks and operational processes;

Launching community proposal and Snapshot voting systems;

Establishing clear transition paths to transfer core decision-making to the vePIJS DAO community.

③ Consensus Cultivation | Education First, Identity Building

Launching the "PIJSwap Education Program" to popularize knowledge on trading, governance, and incentives;

Building a Pioneer identity system (e.g., badges, task levels);

Integrating user behavior with incentives—where understanding = value, participation = construction.

④ Global Outreach | Community Localization, Boundary Expansion

Deploying regional leads in Southeast Asia, Africa, Central Asia, and other Pioneer-dense regions;

Launching developer support programs for future DApp integration;

Advancing cross-chain partnerships to build PIJSwap's multi-chain liquidity network.

Phase-Specific Extension: From Platform-Led to Ecosystem-Driven

As the platform matures and the community strengthens, the Foundation will expand its external initiatives:

Developer Ecosystem: Attracting tools, growth DApps, and technical talent;

Liquidity Gateway: Enabling high-quality projects to quickly access pools and orderbooks;

Cross-Chain Collaboration: Onboarding liquidity from ETH, Solana, BNB, and more;

Strategic Synergies: Partnering with infra and real-world scenarios to build a full-fledged financial network.

Principle: The Foundation always prioritizes the platform's growth, with ecosystem prosperity as its natural extension.

Governance Evolution Path: Initiate → Transition → Exit

The Foundation's governance role will follow a phased trajectory—starting with essential oversight, gradually decentralizing, and eventually transforming into an ecosystem steward.

As the vePIJS-driven DAO matures, the Foundation will exit direct governance and pivot to coordination and safeguarding—ensuring the long-term decentralization of PIJSwap.

The long-term prosperity of PIJSwap depends on the dual forces of institutional grounding

and community emergence. The Foundation is the initiator, anchor, and guide of this shared consensus.

1.8 PIJSwap Labs

PIJSwap Labs is the core technical powerhouse behind PIJSwap. It comprises over 20 senior developers from top global public chains, DeFi protocols, and cross-chain infrastructure teams.

The team brings deep expertise in on-chain architecture, trading protocols, and modular product design, having contributed to several major DEXs' foundational development.

Many members of the Labs team have also been active PiNetwork pioneers since 2019, witnessing Pi's evolution from obscurity to a global community of millions.

This makes PIJSwap Labs not just technically proficient—but truly "born from the Pi community and built for Pi users."

They turn vision into code, belief into products, and consensus into real on-chain impact.

2. Industry Landscape and Background

2.1 The Rise of the On-Chain Era: A Structural Overhaul of Crypto Trading

In the Web2 era, platforms served as intermediaries connecting users with information, services, and products. However, in the transition to Web3, the very nature of connectivity is undergoing a fundamental shift—from the interconnection of information to the interconnection of value, carried by tokens.

This paradigm shift is reconstructing the global financial infrastructure and driving a wave of systemic transformation built around on-chain native assets, decentralized trading, and collaborative networks.

According to Coinbase CEO Brian Armstrong, "By 2030, 10% of the world's GDP will exist on-chain in the form of tokens." Based on today's global GDP, this implies over $10 trillion worth of value will be stored and circulated in crypto-native formats.

Coinbase protocol lead Jesse Pollak adds that "fewer than 50 million users are truly on-chain today, but that number will grow to 8 billion over the next decade." He envisions blockchain networks replacing centralized platforms as digital societal operating systems that encompass identity, transactions, collaboration, and governance.

In a16z's "State of Crypto 2024", the growth curve of on-chain addresses is shown to mirror the explosive trajectory of early internet adoption. Based on the technology adoption lifecycle, once on-chain users surpass 1 billion, blockchain networks will transition from experimental technology to global infrastructure.

2.2 On-Chain Asset Issuance Enters the Era of New Retail

The design and path of asset issuance have always been a central driving force of the crypto industry. From Bitcoin to Ethereum, from ICOs and DeFi to NFTs, inscriptions, and meme tokens—Crypto's evolution is, at its core, a story of how assets are created.

Today, we are entering a new era of decentralized, open, and low-barrier asset issuance—on-chain new retail.

With technical and regulatory thresholds dramatically reduced, the number of on-chain assets is exploding:

20M+ tokens issued on Solana,

3M+ tokens on Base,

7M+ tokens on Pump,

10K+ tokens on Virtuals.

This unprecedented velocity signals a shift toward user-generated assets and community-led expansion models.

This surge in asset supply is placing increasing pressure on traditional trading systems.

Centralized exchanges (CEXs) are hitting structural bottlenecks in terms of liquidity provisioning, listing capacity, and user participation experience.

As a result, on-chain trading venues—particularly decentralized exchanges (DEXs)—are emerging as the new hubs for liquidity capture and price discovery. DEXs are set to become the foundational infrastructure for the next stage of on-chain economic growth.

2.3 On-Chain Becomes the Primary Arena for Capturing Alpha

In previous market cycles, Alpha opportunities typically appeared after assets were listed on CEXs, with centralized platforms controlling distribution and timing. Users could only speculate post-launch.

But in the era of on-chain new retail, value capture is front-loaded. Assets begin circulating the moment contracts are deployed. Prices are driven by real-time community interaction and consensus, and Alpha is embedded in early-stage behaviors like testing, token pooling, and protocol interactions.

Thus, on-chain becomes the most information-dense, fastest-responding arena for value discovery. Every user interaction is both a market signal and a contribution to emergent consensus.

More critically, the path to Alpha is structurally shifting: Alpha is no longer created after CEX listings— It now originates on-chain, in native interactions and consensus networks.

2.4 The Rise of DEXs: Reshaping Dominance in Crypto Markets

As on-chain assets transition into the new retail paradigm, DEXs are no longer complementary to CEXs—they are emerging as the dominant force in crypto trading.

Under traditional CEX models, listings, order matching, and liquidity control are heavily centralized, resulting in opaque price mechanisms and limited asset diversity. In contrast, the explosive growth in asset variety and permissionless issuance now demands a more efficient and transparent system—a need that DEXs uniquely fulfill.

According to Token Terminal, DEXs' share of total crypto trading volume surged from 0.33%

in 2020 to 11.91% in 2024, with projections suggesting it may reach 30–40% in the coming years. Several key trends are driving this shift:

Asset Diversity Explosion: Novel assets such as memes and AI Agents are being created at scale; CEXs cannot keep up with onboarding.

Mature On-Chain Infrastructure: Advancements like MEV resistance, zero-gas trades, and non-custodial execution have significantly improved user experience.

Increased User Awareness: Users now seek early access to assets and liquidity—not just secondary market speculation.

Together, these forces are transforming DEXs from auxiliary players to core infrastructure—the new center of liquidity, participation, and value discovery.

Looking Ahead: The DEX-Led Era Is Coming

The rise of DEXs is a long-term macro trend. Over the next 4 years, fueled by technological progress and market maturation, DEXs are expected to experience exponential growth. By 2028, DEXs may surpass CEXs in market share, becoming the dominant infrastructure for global crypto asset flow.

This transition will unlock broader use cases for decentralized finance—including cross-chain assets, DeFi protocols, and AI Agents—and establish DEXs as the default platform for efficient, transparent value exchange.

2.5 Why We Chose PiNetwork as Our Ecosystem Launchpad

While PiNetwork's mainnet has yet to be fully open-sourced, its vast global user base, expanding asset circulation, and deep-rooted community consensus make it an ideal starting point for building a decentralized exchange.

We chose PiNetwork not only because of its current potential—but because of its inevitable role as a core pillar of the future decentralized financial system.

Global User Base & Strong Consensus

PiNetwork boasts an active global user base of over 70 million, surpassing even top L1s like

Ethereum and Solana in grassroots engagement. Its community exhibits a high degree of conviction in decentralization and actively participates in ecosystem construction—providing a solid foundation for long-term growth and future open-source development.

$Pi Global Circulation Is Underway

Despite the mainnet not being fully open, $Pi has already listed on top-tier CEXs such as OKX, expanding its global footprint. This opens the door for broader participation by users and developers, accelerates market integration, and enhances the visibility of Pi as a decentralized asset.

Such circulation lays the groundwork for the open-source mainnet and ensures PiNetwork's competitive position in future crypto asset markets.

Strong IP Asset and Global Brand Recognition

PiNetwork has organically built a Bitcoin-level global IP presence through offline stores, influencers, and grassroots campaigns. Its brand is expanding beyond the blockchain space into real-world retail and events—solidifying its influence and preparing the ecosystem for global application of decentralized assets.

Natural Alignment with DEX

PiNetwork's emphasis on disintermediation and user sovereignty aligns seamlessly with the core functionality of decentralized exchanges. Once open-sourced, its users will require a decentralized venue for asset flow, price discovery, and community governance—PIJSwap is the natural solution.

Strategic Advantage in the Current Phase

Despite the lack of a fully open mainnet, PiNetwork's global distribution and strong consensus already provide a robust foundation. PIJSwap's early-stage deployment positions it to rapidly capture market share and become the go-to platform for asset liquidity within the ecosystem—creating an unreplicable first-mover advantage.

2.6 Why Now Is the Best Time to Launch PIJSwap

With DEX market share rising rapidly, on-chain assets proliferating, and decentralized infrastructure maturing, the crypto trading landscape is undergoing a profound transformation.

As the first DEX and liquidity hub of the PiNetwork ecosystem, PIJSwap stands at a historic inflection point—uniquely positioned to capture an unprecedented market opportunity.

While PiNetwork has not yet fully open-sourced, its massive community and growing demand for liquidity present a rare window. As DeFi infrastructure matures, on-chain asset circulation and user participation within PiNetwork are set to grow significantly in the coming years.

PIJSwap is poised to become the decentralized financial core of this shift—accelerating the transition from consensus to liquidity, and leading the Pi ecosystem into the on-chain financial era.

3. Technical Architecture and Protocol

3.1 Architecture Overview: PIJSwap Protocol Framework

PIJSwap's overall architecture is purposefully designed to meet the core demands of a decentralized exchange (DEX), aiming to provide a high-performance, secure, and flexible trading and liquidity infrastructure. The system consists of several tightly integrated modules, with the following key components:

Decentralized Trading Engine: Responsible for order matching and trade execution, ensuring high-speed transactions and minimal slippage.

Liquidity Pool Design: Incorporates a Proactive Market Maker (PMM) mechanism to optimize liquidity provision and trading costs, maximizing capital efficiency.

Smart Contract Layer: All operations are executed via transparent, trustless smart contracts to ensure compliance and security.

Cross-Chain Compatibility Design: Future versions of PIJSwap will support seamless

interaction with multiple blockchain ecosystems to enhance liquidity and interoperability.

Security Layer: Encompasses smart contract audits, vulnerability response mechanisms, and other safeguards to protect user funds and platform integrity.
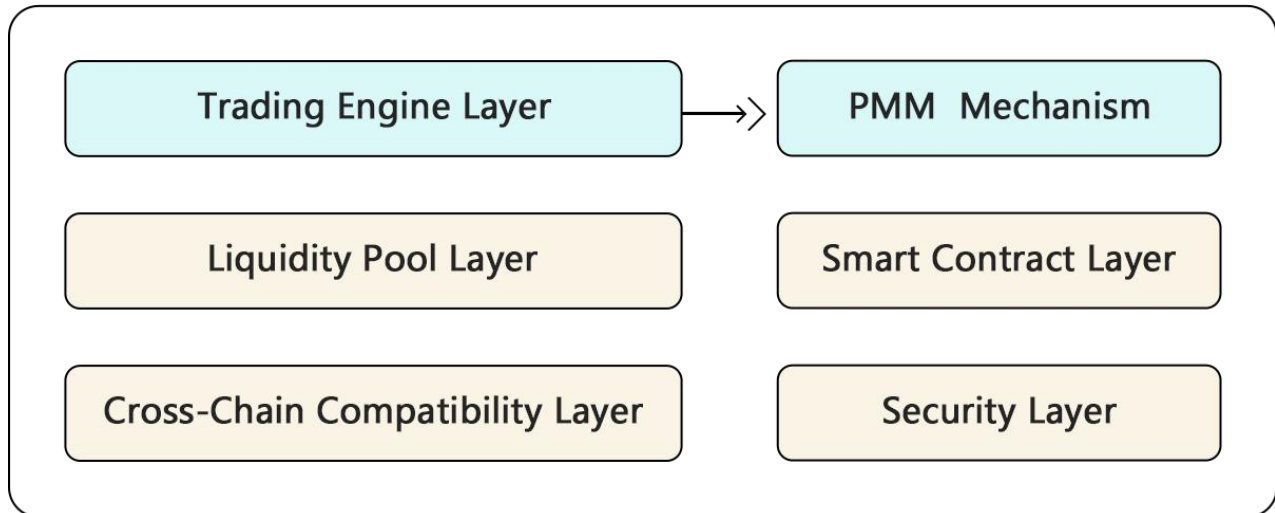
3.2 PMM Mechanism

The Proactive Market Maker (PMM) mechanism is one of PIJSwap's core technical innovations. Unlike traditional Automated Market Makers (AMMs), PMM integrates external market prices, smart liquidity pools, and intelligent routing algorithms to improve liquidity efficiency, reduce slippage, and optimize capital usage.
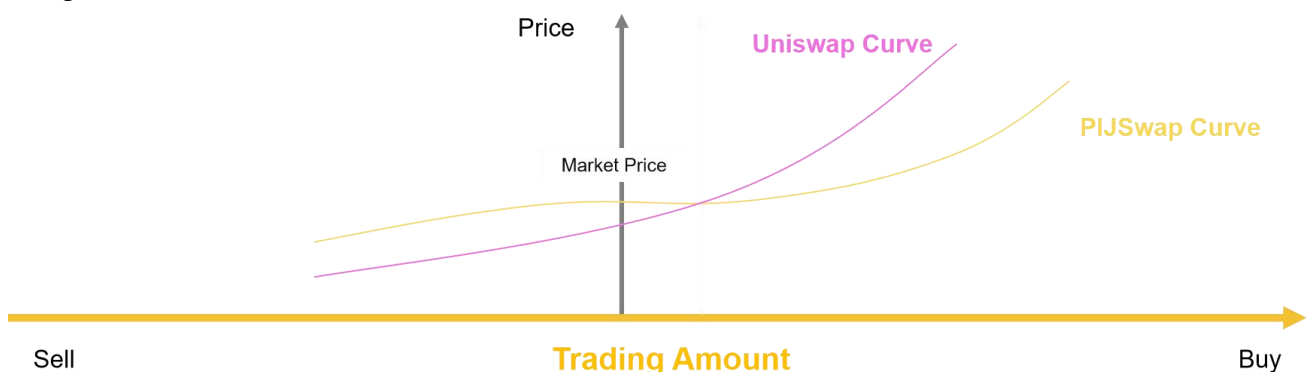
Key Features of PMM:

Market Price Anchoring: PMM dynamically references external market prices to ensure

liquidity remains close to market levels, avoiding slippage issues common in AMMs during volatile conditions.

Efficient Capital Utilization: PMM supports greater trading volume with less capital by allocating liquidity based on smart algorithms, reducing idle capital and inefficiencies.

Dynamic Liquidity Rebalancing: Responds in real time to changes in market demand, adjusting pool distributions to maintain trading stability and depth.

PMM vs. AMM:

Traditional AMMs, such as Uniswap's x*y=k formula, provide constant product liquidity but suffer under volatility:

High Slippage: AMMs often cannot handle market volatility effectively, resulting in costly trades for users.

Low Capital Efficiency: AMMs require large liquidity reserves to maintain reasonable depth, leading to inefficient fund usage.

In contrast, PMM's dynamic and responsive model allows:

Liquidity to be concentrated where it's most needed;

Capital to be allocated based on real-time market conditions;

Traders to benefit from tighter spreads and better prices.

Advantages of PMM in PIJSwap:

Lower Slippage: Real-time adjustments keep trade prices aligned with external markets.

Higher Capital Efficiency: Supports larger volumes with less locked capital compared to AMMs.

Flexibility: Adapts to changing market conditions, ensuring resilient liquidity and smooth user experiences under all scenarios.

3.3 Anti-MEV Design

Although PIJSwap V1.0 does not yet include anti-MEV (Maximal Extractable Value) protections, such capabilities are planned for future upgrades to ensure fair, transparent trading and defend users from MEV-related exploits.

What is MEV?

MEV refers to the ability of validators or bots to extract profits by manipulating transaction ordering. Common forms include:

Sandwich Attacks: Malicious actors place trades before and after a user's transaction, inflating prices and harming execution quality.

Front-running: Bots intercept a user's transaction and place their own ahead of it to profit from price changes.

These attacks not only degrade user experience but also challenge the fairness of decentralized marketplaces.

Future Anti-MEV Strategies:

PIJSwap will implement several mechanisms to mitigate MEV in future versions:

Transparent Transaction Ordering: Public, immutable sequencing rules prevent malicious manipulation of transaction order.

MEV Redistribution: Profits captured through MEV will be redistributed to liquidity providers and users, neutralizing negative effects.

Faster Confirmation Mechanisms: Improved transaction processing times to reduce vulnerability to front-running and sandwich attacks.

Planned Enhancements:

Advanced Sorting Algorithms: Integrate technologies like flashbot filters to eliminate front-running vectors.

Cross-Chain MEV Protection: As PIJSwap expands to multi-chain ecosystems, anti-MEV defenses will apply to all supported networks.

AI-Driven MEV Monitoring: Real-time threat detection powered by AI to dynamically adjust liquidity and protocol rules.

3.4 Modular Design and Future Protocol Evolution

PIJSwap adopts a modular architecture, offering high flexibility for feature expansion, technical upgrades, and market adaptation. Each core function is encapsulated within an independent, upgradeable module—enhancing platform performance and future readiness.

Key Modules in the Architecture:

Decentralized Trading Engine: Handles trade matching and market depth, delivering fast and accurate execution through advanced algorithms.

Liquidity Pool Module (PMM-based): Dynamically manages capital within pools to ensure optimal liquidity across market conditions.

Cross-Chain Bridge Module: Enables seamless asset transfer across chains via trusted interoperability protocols.

Smart Contract Module: Facilitates trading, liquidity provision, and governance through audited, composable contracts.

Governance Module: Enables decentralized decision-making via DAO, allowing the community to shape platform rules and upgrades.

Roadmap for Protocol Evolution:

PIJSwap aims to evolve into a multi-chain liquidity hub, playing a central role in cross-chain DeFi infrastructure. The roadmap includes:

Cross-Chain Liquidity Integration: Connect liquidity pools across blockchains to reduce fragmentation and enable asset fluidity.

Cross-DEX Routing System: Integrate routing across multiple DEXs, enabling users to

access the best execution prices with minimal slippage.

Decentralized Trading Chain: In future versions, PIJSwap may launch its own dedicated blockchain optimized for trading, increasing throughput, reducing fees, and achieving full execution sovereignty.

3.5 Future-Proof Compatibility: Pi Mainnet VM & Multi-Chain Expansion

PIJSwap's architecture is built with forward compatibility in mind—designed to integrate seamlessly with the upcoming Pi Mainnet Virtual Machine (VM) and support broader multi-chain expansion.

Pi Mainnet VM Integration:

PIJSwap plans to introduce a compatibility layer with the Pi VM upon its release, enabling direct decentralized trading and liquidity provisioning for native PiNetwork assets. This ensures a smooth plug-in experience for Pi-based DApps and tokens.

Multi-Chain Expansion:

PIJSwap will extend its reach through cross-chain protocols, integrating liquidity across blockchains and supporting a wide range of asset types. This enables:

Optimized cross-chain trading paths,

Lower transaction costs,

Seamless access to liquidity for users across ecosystems.

Protocol Flexibility:

The modular protocol stack allows rapid adaptation to emerging blockchains and virtual machines. Each module is independently extensible and upgradable, ensuring long-term compatibility with diverse technological environments.

4. Future Ecosystem Landscape

4.1 PIJSwap │ Core Product of the Ecosystem

PIJSwap SWAP is the foundational trading engine of the entire ecosystem and the central liquidity hub upon which all future modular products will rely. As the underlying asset exchange layer, it not only satisfies users' direct swap needs but also serves as the base layer for price discovery, capital valuation, and protocol interoperability.

In the future, whether it's initial token offerings via IFOs, reward distributions from Farms, leveraged pricing in Synthetics, asset movement in GameFi, or settlement in PayFi, all modules will be built upon the low-slippage, high-efficiency liquidity infrastructure of the SWAP module.

Its performance and responsiveness will define the ceiling for user experience across the ecosystem, while its route optimization and routing extensibility will be critical to multi-chain scalability and cross-product composability.

SWAP is not designed merely as an isolated performance module—it is built as a standardized infrastructure layer for "liquidity coordination across all assets in the ecosystem." It is the starting point for protocol coherence and ecosystem evolution.

4.2 PIJBridge │ Asset Bridge Connecting Pi to the Multi-Chain World

PIJBridge serves as the key infrastructure to enable composability across multiple chains, facilitating cross-chain asset transfers, value movement, and protocol interoperability.

This module will be architecturally compatible with major Layer 1s (e.g., Ethereum, BNB Chain, Solana) and future Layer 2s or modular blockchains. It empowers Pi users to unlock external liquidity and access broader trading markets.

PIJBridge will integrate lightweight verification mechanisms and on-chain event listeners to ensure the verifiability and integrity of asset mappings, minting, and burns between source and target chains.

As Pi's mainnet opens and cross-chain trading modules launch, PIJBridge will not only enable free asset migration, but also become the key interface for:

Standardizing Pi assets;

Facilitating cross-chain liquidity aggregation;

Enabling coordinated multi-chain trading.

It transforms Pi from a closed ecosystem into an open, liquidity-compatible system—a bidirectional gateway for exporting Pi-native value and importing external Alpha opportunities.

4.3 PIJLaunch | Initial Farm Offering Protocol

PIJLaunch is PIJSwap's IFO (Initial Farm Offering) module, positioned as the on-chain equivalent of CoinList, built for premium Alpha projects.

It facilitates initial fundraising and early liquidity provisioning, balancing incentives across project teams, public investors, and the protocol through a transparent on-chain mechanism.

Participation requires users to create LP tokens using $PIJS + USDT. Upon IFO completion:

The USDT portion is sent to the project treasury;

The $PIJS portion is 100% permanently burned, creating a forced deflation effect that enhances scarcity and incentivization.

Each IFO thus creates a triple positive loop: Alpha injection × $PIJS deflation × Liquidity growth

As PIJSwap expands across chains and integrates token standards from other ecosystems, PIJLaunch will become a premium gateway for on-chain asset issuance, bringing more real-world assets onto the blockchain.

4.4 PIJFarm | Liquidity Farming and Incentive Engine

PIJFarm is the native reward mechanism of PIJSwap, designed to incentivize both liquidity providers and ecosystem participants. It supports single-asset staking and LP token staking, enabling both low-barrier entry and structured reward strategies.

Users can stake $PIJS for ongoing rewards or contribute liquidity and stake LP tokens for higher-yield farming pools.

Incentive parameters will be dynamically adjusted based on TVL composition, asset demand, and protocol lifecycle. PIJFarm is also designed to integrate with the future vePIJS governance model, supporting vote-to-farm mechanisms and bribe incentives to guide reward flows.

As more ecosystem products launch, PIJFarm will evolve from a simple reward launcher to a coordinated yield distribution center, connecting IFOs, contracts, DAOs, and more—serving as the core engine linking user contributions to protocol growth.

4.5 Syrup Lottery | Gamified Incentive Layer

Syrup Lottery is a lightweight gamified incentive module designed to offer a fun, low-barrier on-chain lottery system for community engagement.

Users can stake a fixed amount of $PIJS or complete specific tasks to receive lottery tickets, entering periodic draws to win accumulated $PIJS prize pools.

Funds are allocated as follows:

A portion is used for buy-and-burn,

The remainder enters the reward pool, creating a circular deflationary model.

Syrup Lottery acts as a community activity booster, independent of core liquidity incentives, but can be combined with Farm and IFO events for special prize rounds.

Future upgrades will include:

On-chain randomness (e.g., VRF)

NFT-based rewards

Verifiable draw logic

Syrup Lottery will become the entry point connecting participation, gaming, and incentives.

4.6 PIJCard | On-Chain Yield to Real-World Spending Bridge

PIJCard is a planned crypto payment card system within PIJSwap, developed in partnership with global networks like Mastercard. It enables users to bind their on-chain assets—such as $PIJS or USDT—to virtual accounts usable in online and offline payments.

PIJCard is not just a tool—it's an Earn-to-Spend engine, embedding:

Referral rewards

Contribution points

Ecosystem cashback

Users will be able to directly spend their on-chain yields in daily scenarios such as shopping, travel, dining, and subscriptions.

Future integration with SWAP, PIJFarm, and IFO modules will allow users to convert DeFi earnings into real-world purchasing power—bridging the last mile from on-chain Alpha to off-chain utility.

4.7 PiDAO | Modular On-Chain Governance Protocol

PiDAO is PIJSwap's native on-chain governance system, designed to provide configurable, upgradeable, and extendable governance infrastructure.

Built around the vePIJS model, PiDAO enables:

On-chain proposal creation

Voting

Parameter control for incentive allocation, pool weights, product launches, and cross-chain deployments

Governance rights are granted by locking $PIJS to obtain vePIJS, empowering users to initiate, vote on, and execute proposals entirely on-chain.

PiDAO adopts a modular deployment, including:

Proposal contracts

Gauge weight logic

Bribe channels

Security delay modules

Future iterations will support external integrations, allowing other Pi ecosystem projects to plug into PiDAO as their governance backbone.

As the core interface between tokenomics, user consensus, and protocol evolution, PiDAO anchors PIJSwap's community-led governance vision.

4.8 PIJAggregator | Multi-Chain Liquidity Aggregation Module

PIJAggregator is a key expansion module for future trading experiences. It aggregates liquidity across leading DEXs such as Uniswap, PancakeSwap, SushiSwap, etc., to enable cross-protocol and cross-chain optimal route execution.

By employing:

Smart path splitting

Real-time quotes

Intelligent routing

It helps users strike a balance between best pricing, lowest slippage, and reasonable gas fees.

As an extension of the SWAP module, PIJAggregator expands the tradeable asset spectrum and lays the technical foundation for deep integration of bridged assets.

Future upgrades will support:

Strategy execution interfaces

Custom trading scripts

Combined limit/swap routing mechanisms

PIJAggregator will become the liquidity coordination engine and a key piece of PIJSwap's transition into a multi-chain aggregated trading system.

4.9 PIJSynthetics | On-Chain Derivatives Protocol Cluster

PIJSynthetics is a suite of on-chain derivative protocols targeting advanced traders and hedging use cases. It will include three core modules:

Perpetual Contracts

Options Trading

Prediction Markets

Together, these form a multi-layered structured trading ecosystem covering leverage, risk management, and event-based speculation.

The suite will run on a fully permissionless, decentralized architecture, incorporating:

Reliable oracles

Dynamic margin models

On-chain settlement

The Perpetual module supports high-leverage, low-slippage trading

The Options module enables multi-leg strategies

The Prediction market supports consensus-based event asset pricing

As Pi's mainnet opens, bridges mature, and user risk appetite increases, PIJSynthetics will gradually integrate into the PIJSwap ecosystem.

In collaboration with SWAP, Farm, DAO, and other modules, it will complete the full-stack on-chain financial system—marking PIJSwap's evolution from a DEX protocol to a comprehensive DeFi infrastructure layer.

5. How PIJSwap Empowers PiNetwork

PIJSwap is not merely a financial application deployed on PiNetwork—it is a decentralized financial infrastructure that laid the foundation for the ecosystem even before the mainnet's open-source release and will continue to serve as a critical engine for growth once the mainnet is live.

5.1 Before Mainnet Open-Sourcing: Building User Migration Paths and Foundational Ecosystem Capabilities

At a time when PiNetwork's mainnet had yet to open smart contracts or enable free asset circulation, PIJSwap proactively initiated its ecosystem enablement path. By building an on-chain interaction system, incentivizing genuine user behavior, and deploying product prototypes such as IFOs, Farms, and Bridges, PIJSwap effectively carried out on-chain education and behavioral migration for early Pioneer users.

The platform simultaneously focused on three core dimensions to empower the ecosystem:

Expanding Pi's global influence and strengthening community consensus by encouraging users to engage through trading, invitations, and node participation—driving viral network

effects;

Establishing an operational experience loop that helps users with no prior on-chain experience understand key Web3 concepts such as wallets, gas, and DEX operations—dramatically lowering participation barriers;

Pre-installing core infrastructure for ecosystem activation—creating a full-stack "education → participation → validation → pre-deployment" capability set prior to the mainnet's formal launch.

In doing so, PIJSwap has built a comprehensive foundational framework that primes the Pi ecosystem for future asset operations and explosive growth—well before the mainnet is even live.

5.2 After Mainnet Open-Sourcing: Powering Free Asset Circulation and Ecosystem Growth

Once PiNetwork is fully open-sourced, PIJSwap will evolve from a transitional user onboarding platform into the ecosystem's native trading engine and financial operating system.

It will provide $PI and other Pi-based assets with:

A native price discovery mechanism,

Ongoing liquidity support,

And become the foundational protocol underpinning critical financial activities such as token issuance, project fundraising, asset listings, and market circulation.

Furthermore, leveraging PIJBridge (cross-chain asset connectivity) and PIJAggregator (liquidity aggregation engine), PIJSwap will bring liquidity and developer ecosystems from Ethereum, BNB Chain, Solana, and more into the Pi ecosystem—facilitating deep integration between PiNetwork and the broader Web3 landscape.

With the continued rollout of modules such as DAO governance (PiDAO), on-chain derivatives (PIJSynthetics), and crypto payments (PayFi), PIJSwap will progressively form a

complete financial lifecycle system, covering:

Asset issuance

Market liquidity

Protocol governance

Real-world consumption

At that point, PIJSwap will not only be the native DEX of PiNetwork, but also the primary gateway connecting Pi to the global decentralized financial system.

6. Tokenomics

6.1 Challenges in Current Crypto Token Distribution

Over multiple market cycles, tokens have emerged as the foundational tools for protocol growth and ecosystem incentives. Yet in practice, most projects face systemic issues in token distribution, leading to weak utility, user churn, and unsustainable ecosystem dynamics. Key challenges include:

Short-Term Speculation Leading to Post-TGE User Attrition Many projects experience sharp volatility immediately after their Token Generation Event (TGE), as speculative users rush in to arbitrage and exit shortly after, leaving behind a fragile user base with minimal long-term contributors. This "liquidity boom → user bust" cycle often reflects a failure to establish meaningful retention mechanisms or genuine utility post-launch.

Imbalance Between Fairness and Sustainability Some projects prioritize "fair initial distribution" by airdropping large amounts of tokens to early users. While this may stimulate short-term community activity, it can cause long-term incentive misalignment and structural imbalance. Balancing early contributor rewards with sustainable returns for future builders is a persistent design dilemma.

Valuation Bubbles and Circulation Disconnect Tokens often launch with inflated valuations

due to hype or brand packaging but lack proper circulation structures. As liquidity unlocks without demand backing, value quickly collapses, damaging user confidence and hindering long-term protocol adoption.

To address these challenges, PIJSwap has designed a token system for $PIJS that is grounded in real utility, interactive participation, and progressive deflation, with governance rights and ecosystem alignment at its core. The $PIJS model is built on the principle of "participation equals value," ensuring the incentive structure serves long-term ecosystem growth rather than short-term speculation.

6.2 About the $PIJS Token

$PIJS is the core platform token of the PIJSwap ecosystem. It represents the community's belief in the protocol's future and acts as a bridge connecting users, the protocol, and ecosystem-wide value.

Total Supply: 230 million $PIJS

Core Logic: "To co-build is to participate, to hold is to govern"

$PIJS functions as:

An incentive medium

A governance token

A profit-sharing credential

A connector between user actions and protocol evolution

In the long term, $PIJS will evolve into a composable DeFi primitive, deeply integrated with ve-model governance, node incentives, bribe mechanisms, and other layers that fuel PIJSwap's transformation into a multi-chain trading infrastructure.

6.3 $PIJS Token Distribution Model

Category	Proportion	Allocation Description
LP Staking Mining	18%	Distributed according to mining rules.
Native Token Staking Mining	11%	Distributed according to mining rules.
PIJSwap Labs	1%	Allocated to support protocol development, core product evolution, and architecture upgrades. To be fully vested over 36 months.
PIJSwap Foundation	9%	Reserved for early DAO governance, global market expansion, strategic branding partnerships, legal compliance advancement, and ecosystem security contingencies. To be fully vested over 48 months.
Ecosystem Development & Community Expansion	61%	As the core of the allocation structure, this portion supports comprehensive protocol ecosystem growth and deep community development. Incentive scenarios include but are not limited to: JS point redemption, token mapping, liquidity provision, ecosystem product incentives, node incentives, project partnership support, strategic resource integration, top KOL and channel building. Expected to be fully vested over 6 years.

6.4 $PIJS Utilities and Use Cases

$PIJS is the backbone of PIJSwap's protocol economy, powering the entire operational flow. Its use cases span five core categories:

Ecosystem Incentive Medium Users earn $PIJS by participating in SWAP, Farm, IFO, and more—via trading, market-making, completing tasks, etc. This fosters a contribution-driven reward cycle.

Governance and Ecosystem Control $PIJS holders participate in DAO decisions on key

matters such as product launches, parameter changes, and incentive allocation. The upcoming vePIJS model will introduce vote-escrow governance, gauge voting, and bribe mechanisms.

Liquidity Mining and Staking $PIJS supports single-asset staking, LP staking, and IFO participation, enabling diverse yield strategies and platform liquidity stability.

Native Payment Token $PIJS will serve as the primary currency within PIJSwap products—for IFO entries, bridge fees, contract deployments, NFT/GameFi in-app purchases, and more.

Gas Fee Token for Future Native Chain When PIJSwap's own chain is launched, $PIJS is expected to become its native gas token—offering a seamless, low-cost on-chain user experience and reinforcing base-level token demand.

6.5 $PIJS Value Accrual Logic

The long-term value of $PIJS is intrinsically tied to PIJSwap's expanding product suite and revenue model. Its value engine is driven by five interlocking pillars:

Expanding Protocol Revenue Streams Revenues from SWAP fees, IFO underwriting, Farm yield mining, Synthetics trading fees, Bridge transfers, and Aggregator routing will form recurring native income. These revenues will support $PIJS through mechanisms such as buybacks, redistribution, and burns.

Multi-Layered Deflation Model PIJSwap implements IFO-based burns, platform buyback burns, and governance vote burns to continuously shrink circulating supply. More usage = stronger deflation = increased token value.

High-Frequency, High-Stickiness Utility $PIJS is integrated across all major modules—staking, governance, IFOs, contracts, bridges, PIJCard payments—ensuring a tight loop of utility and demand.

Global Liquidity Strategy $PIJS will be listed on major CEXs to expand global accessibility. Combined with cross-chain bridges and liquidity inflows, this enables $PIJS to scale from "ecosystem anchor" to "globally traded asset."

Community Consensus and Confidence Flywheel As the first native DEX of PiNetwork, PIJSwap is natively tied to tens of millions of Pi users. With ongoing product launches, Pi mainnet opening, cross-chain deployments, and real trading activity, $PIJS will gain momentum through a flywheel of consensus → liquidity → value → confidence.

6.6 Multi-Layer Burn Mechanism

To ensure long-term scarcity and strengthen value expectations, PIJSwap has implemented a multi-layered deflation framework that reduces $PIJS supply through various lifecycle stages. This is enforced transparently on-chain.

IFO Burn: 100% of $PIJS used in IFOs is permanently burned post-sale—no reserve, no redistribution. This converts user demand into real scarcity.

Platform Revenue Buyback Burn: A portion of revenue from SWAP, Bridge, Synthetics, and Aggregator fees will be used to repurchase $PIJS on the open market and burn it.

Event-Driven Accelerated Burns: From trading competitions to milestone burns, PIJSwap will adaptively execute targeted burns to match market conditions.

Ultimate Burn Target: 100 million $PIJS From an initial supply of 230 million, the goal is to burn down to 100 million—driving systemic value appreciation and aligning with long-term protocol expansion.

6.7 Long-Term Vision for $PIJS

The ultimate goal of $PIJS is to become the most widely accepted and valued native asset across the entire PiNetwork ecosystem—just as BNB is to BSC or ETH is to Ethereum.

More than just PIJSwap's internal utility token, $PIJS is designed to become a cross-protocol standard, recognized by users, trusted by projects, and liquid across markets.

In the future, $PIJS will serve as:

A gateway for accessing premium Pi-based projects

A ticket to ecosystem-wide benefits and opportunities

A medium of exchange across leading applications

A financial engine for a thriving PiNetwork economy

As the platform scales, mechanisms mature, and the holder base expands, $PIJS is poised to stand out as one of the core assets representing PiNetwork's on-chain value layer—evolving from an incentive token to a true ecosystem cornerstone.

7. Quarterly Roadmap

7.1 Three-Phase Strategic Roadmap

Since the launch of its own network, PIJSwap has completed the initial accumulation phase—from product validation to early community consensus. Looking ahead, we are executing a three-phase strategic roadmap to evolve PIJSwap from the core of the Pi mainnet into a full-fledged multi-chain financial operating system.

Phase 1: Ecosystem Construction (2025)

2025 marks the foundational building phase of the PIJSwap ecosystem. Key milestones in this stage include:

Deployment of the PIJSwap mainnet DEX

Global TGE (Token Generation Event) of $PIJS

Launch of the Airdrop Season campaign

Establishment of the PIJSwap Node Network

Full rollout of core product modules such as Farm, IFO, and Lottery

Expansion into strategic international markets: Japan, Korea, Middle East, and North

America

The goal is to create a robust decentralized trading and governance infrastructure that anchors the Pi ecosystem.

Phase 2: Cross-Chain Expansion (2026)

In 2026, PIJSwap will enter the cross-chain expansion phase. Major initiatives include:

Launch of a cross-chain relay protocol, enabling seamless migration of Pi assets to and from major blockchains

Release of an AI-powered on-chain trading analytics platform

Integration of fiat on-ramps via partners such as MoonPay and Mercuryo

Deployment of advanced DeFi products including:

- On-chain lending

- Perpetual contracts

- Other synthetic financial instruments

These developments will significantly deepen $PIJS liquidity and broaden its application across decentralized markets.

Phase 3: Infrastructure Leap (Starting 2027)

From 2027 onward, PIJSwap will initiate a fundamental infrastructure transformation, with the aim of building a dedicated trading layer or modular Rollup framework.

Key goals of this phase:

Establishment of a standardized, embeddable, and open-source financial operating system

Deployment of essential infrastructure components such as:

- A unified clearing and settlement protocol

- Open developer framework for ecosystem-wide composability

- Liquidity alliance mechanism for ecosystem-wide liquidity coordination

This phase positions PIJSwap to evolve from a single DEX protocol into a financial infrastructure layer that serves both the Pi ecosystem and the broader multi-chain world.

7.2 Roadmap (Q2 2025 – Q1 2026)

☑ Q2 2025

Official launch of PIJSwap V1.0

Completion of $PIJS Token TGE and launch of on-chain trading

Completion of core contract security audits

Activation of LP staking rewards

Activation of $PIJS single-token staking rewards

Preparation for the establishment of a Southeast Asia operations center

TGG Fund officially joins and initiates ecosystem support

Initial engagements with leading centralized exchanges (CEX) to prepare for $PIJS listings and global liquidity access

First batch of third-party projects begins launching on PIJSwap DEX

☑ Q3 2025

Completion of multi-chain deployment and cross-chain integrations

Progressive rollout of PIJSwap's ecosystem product suite

Launch and operation of the IFO Launchpad

$PIJS successfully listed on several top-tier CEXs (e.g., Gate, Bitget), marking the beginning of its global liquidity journey; continued engagement with other Tier-1 exchanges

Launch of the $PIJS buyback and burn program to initiate deflationary tokenomics

Rapid expansion of global community, surpassing 100,000 Twitter followers

Launch of the PIJSwap Telegram Mini App, tapping into Telegram's 900M+ global user base

Ecosystem revenue from multi-chain deployments begins flowing into protocol, used for $PIJS buybacks and reinforcing circular value capture

☑ Q4 2025 – Q1 2026

Launch of the "PIJSwap Global Ecosystem Tour," with roadshows and partnership initiatives across Southeast Asia, Japan, Korea, MENA, and Europe

Launch of the "PIJSwap All-Chain Ecosystem Alliance," aggregating liquidity and cooperation across multiple chains

Expansion of $PIJS utility to over 20 application scenarios, including trading, staking, governance, launchpad participation, and incentive privileges—continuously enhancing token value for holders

8. DAO Governance Structure

From platform-led development to community-driven governance, PIJSwap is committed to building a truly user-owned financial ecosystem—governed by its users.

PIJSwap firmly believes that a truly sustainable decentralized protocol must be anchored in community-driven governance. DAO is not merely a technical architecture; it is the institutional embodiment of our core values: Co-Build × Co-Innovate × Co-Own. What we are constructing is a community-centric, consensus-governed financial coordination network, with the protocol as the operational tool.

Currently, as PIJSwap is still in its early phase of core functionality and ecosystem

development, the founding team will continue to lead key decisions based on the principles of stability, security, and efficiency. However, from the release of this whitepaper onward, we will progressively implement our DAO governance framework through the following three stages:

8.1 Initial Phase: Governance Framework Design and Rule Transparency

Publish the DAO governance roadmap, proposal structure, and standards (PIP: PIJSwap Improvement Proposal);

Open channels for community suggestions and discussions to foster a culture of transparent, participatory governance;

Establish a Community Observer System, allowing early involvement in the protocol review process.

8.2 Transition Phase: vePIJS Model and Token-Based Governance

Launch the vePIJS governance model, where users lock $PIJS tokens to obtain voting weight;

Enable community voting on key proposals related to liquidity pool configurations, incentive strategies, and node parameters;

Introduce incentivized governance mechanisms, including governance mining, proposal rewards, and bribe voting systems;

Grant proposal rights to verified node operators, gradually integrating them into the governance council.

8.3 Maturity Phase: Full Protocol DAOization

Delegate full authority over protocol upgrades, ecosystem fund allocation, and partnership approvals to token holders;

Establish a decentralized identity framework combined with reputation + voting power models, empowering long-term governance participants to guide the ecosystem's direction;

Launch a Public Affairs Committee to manage project strategy, ecosystem principles, and fair value redistribution mechanisms;

Complete the transition from a team-led protocol to a fully community-governed DAO.

The PIJSwap DAO is not symbolic governance, nor merely token voting rights—it is designed to give every deeply aligned contributor real influence within the ecosystem. Through multi-tier identity participation, governance incentives, and a phased rollout strategy, we aim to build a self-evolving, transparent, and accountable decentralized financial collective.

9. Compliance and Risk Management

As global regulatory frameworks for the blockchain industry continue to evolve and mature, PIJSwap places compliance operations, security architecture, and risk control at the core of its long-term development strategy. While serving the PiNetwork ecosystem, PIJSwap is also building infrastructure for a broader global market. We are therefore committed to continuously enhancing our compliance mechanisms and risk management capabilities to ensure stable global operations and long-term user trust.

9.1 Global Compliance Strategy

PIJSwap actively aligns with the increasingly comprehensive regulatory frameworks governing the Web3 industry worldwide. The platform adheres strictly to the relevant laws and regulations in each jurisdiction, particularly in areas such as financial technology, data privacy, anti-money laundering (AML), and consumer protection.

We will continue to monitor regulatory developments across global jurisdictions and dynamically adjust our operational strategies to:

Ensure legal compliance across all markets;

Mitigate potential legal risks;

Offer a transparent compliance signal to users and partners.

9.2 KYC / AML Compliance Policy

To effectively curb illicit capital flows and mitigate risks related to money laundering and terrorist financing, PIJSwap will progressively implement internationally compliant KYC (Know Your Customer) and AML (Anti-Money Laundering) policies.

In accordance with national regulatory requirements, PIJSwap will deploy appropriate measures including:

Identity verification;

Transaction monitoring;

Enhanced due diligence procedures;

These efforts aim to protect user assets, ensure secure platform operations, and lay the groundwork for integrating future financial compliance services.

9.3 Risk Control Mechanisms

PIJSwap places a high priority on maintaining the stability of its on-chain protocols and the multidimensional security of user assets, and has established a comprehensive risk management system covering operational, market, technical, and governance dimensions:

Market Risk Management: To address the inherent volatility of crypto assets, PIJSwap will pursue product diversification and regional market expansion strategies to improve its overall resilience.

Operational Risk Control: By optimizing internal workflows and deploying multi-signature mechanisms, we aim to enhance the security and transparency of platform asset management, node operations, and reward distribution.

Governance Risk Management: We will refine the DAO governance model by implementing rational proposal structures and voting rules to prevent manipulation or abuse of protocol governance.

Legal & Regulatory Response: A continuous compliance response mechanism will be established in collaboration with legal advisors, enabling PIJSwap to adapt swiftly to policy changes and maintain regulatory alignment across global jurisdictions.

10. Appendix | Version Statement and Community Co-Creation Guidelines

This whitepaper represents Version 1.0 of the PIJSwap ecosystem development framework. The strategies, product architecture, and growth roadmap outlined herein are based on the current market environment, technological understanding, and platform vision. It serves as both a strategic blueprint for PIJSwap's next stage and an open starting point for ongoing co-construction.

As the ecosystem expands, the community grows, and the global blockchain industry evolves, this whitepaper will be iteratively updated based on real-world developments and collective feedback. We welcome and encourage all token holders, node partners, and ecosystem contributors to actively share their insights and proposals—helping us refine the protocol and optimize its future evolution.

At PIJSwap, we firmly believe that a truly vital protocol is not defined by static rules written by a few, but by a living, organic system shaped through continuous co-creation, open governance, and shared ownership.

We look forward to building this future with our global community—where every version update marks a new milestone toward a more ambitious and decentralized financial ecosystem.