

INTRODUCTION

Along with technological innovation, the crypto and blockchain is constantly reaching new highs. With the desire to create an appealing community for both non-crypto and crypto enthusiasts to entertain and gain profits, the Pacman Frog team has been developing the strongest platform for DEFI, Gamefi, NFTs, and a DAO community.

We aim to be bold and embrace the forefront of blockchain technology and innovation. Our mission is expansive and linked to more than just one focus, this can be segmented into the following key areas:

EDUCATION: To educate and introduce people new to crypto to the benefits of crypto, whilst assisting them in learning about the possibilities with how the DeFi space can truly enrich their lives and communities to build an enhanced version of the world we know today.

ACQUISITION: To identify and invest in blockchain gaming assets with a high value proposition along with a large scalable capacity for development and growth. Part of this process would be to assess the current and future capabilities of games to provide yield generating and community-building opportunities for our scholars.

PARTNERSHIP AGREEMENT: To engage in mutually beneficial relationships to form strategic alliances with crypto gaming companies to enrich platforms with leading knowledge and governance. Pacman Frog will also seek partnerships that can bridge real world application for our tokens.

ESTABLISHMENT: Develop game agnostic scaling technology for cross game and cross chain integrations to increase DAO size, game exposure and increasing revenue. Growing the community sustainably by educating and empowering it with the right instruments to help them perform their best and be proud of the foundation.

ASPIRATIONS: There are abundant possibilities for Pacman Frog and, with further advancement, integration of our token with the “real world” use cases would be the next step.

NOTE: This Litepaper does not constitute nor implies a final technical specification of Pacman Frog. Information presented, technical or otherwise, is meant to outline the general idea of the Pacman Frog, its design, and its use-cases and is subject to change with or without notice.

Pacman Frog pursues parallel visions, part of which are:

- ☑ To incubate game entrepreneurs
- ☑ To democratize early-stage investing for retail buyers.

The project caters to retail investors by providing the opportunity to invest in the most impactful crypto gaming projects on equal terms with VCs. It is a one-stop shop for all their Defi, gaming, NFT, and metaverse needs.

“Pacman Frog not only helps gaming startups raise funds but also assists them along the way in the development, marketing, partnerships, and public launch.”

ECOSYSTEM

One of the key features in our ecosystem will be a multichain launchpad. The platform will hold Initial Game Offerings (IGO), Initial Metaverse Offerings (IMO), Initial NFT Offerings (INO), and land sales in the future. It will help high-quality blockchain games raise funds. On the other hand, it will provide early-stage access and the opportunity to invest in these projects for retail buyers. Pacman Frog will also streamline, motivate and mentor upcoming crypto gaming projects.

Decentralized VC

The mission of a decentralized venture fund is to allow a group of individuals to collectively pool capital and invest it in projects that advance the mission towards a decentralized future. Unlike traditional VCs, our decentralized VC has shifted foundational trust from people and legacy systems that are slow and highly regulated to a flexible and globally accessible blockchain secured by cryptography that is rapid and permissionless.

What makes Pacman Frog different is the vast experience of our founders and advisors. They have a proven track record in launching and funding crypto startups that have already become super successful and gained global popularity. Our team conducts thorough due diligence of every project, researching its regulatory, legal, financial, and business capabilities. It allows us to bring only the best deals to the platform and protect the investments of our community.

Game Incubator

Pacman Frog incubates game entrepreneurs and their teams, equipping them with the skills needed to run a blockchain game studio, promote, and launch their first products on a global market. We also provide executive advisory and mentorship to help management teams and founders to find the right way to run their game studio.

“Our core team has an extensive network of partnerships and connections in the crypto gaming industry. Therefore, Pacman Frog is assisting startups in business networking, one of the most crucial ingredients for success.”

NFT Aggregator & Marketplace

Pacman is a gateway to participating in the purchase and sale of the most exclusive NFTs. Our NFT aggregator and marketplace collects and visualizes real-time data around NFT assets and their trading volume across different blockchains. Users can gain a comprehensive understanding of NFT market trends and optimize an NFT purchase and investment decisions through our platform.

DeFi & Blockchain

Blockchain is already integrated into healthcare, banking and other sectors. It offers the most promising solutions and has fundamentally changed the world of business and trade finance. DeFi-Blockchain-based funding that does not depend on intermediaries is another use case for decentralized ledgers.

Decentralized Finance abbreviated as DeFi refers to the infrastructure, processes, and technologies used to eliminate intermediaries in financial transactions. In decentralized finance, every action is represented by some of the transactions in the ledger and users are confident that their tokens will be distributed among them as smart contracts are transparent and verifiable.

In addition, the blockchain can provide functions that block and determine the vesting schedules to avoid the typical attacker behavior when investors immediately dump their tokens, which damages the project's ecosystem.

“Pacman Frog provides staking and bonding modules for gaming projects to help them improve incentives for their investors and liquidity pool providers.”

NFT Cross-Chain Interoperability

With the help of the Substrate blockchain architecture, Pacman Frog will act as a parachain or para-thread to communicate with other heterogeneous chains, use a cross-chain transfer bridge to realize the transfer of NFT tokens and cross-chain calls of NFT contracts in different main chains.

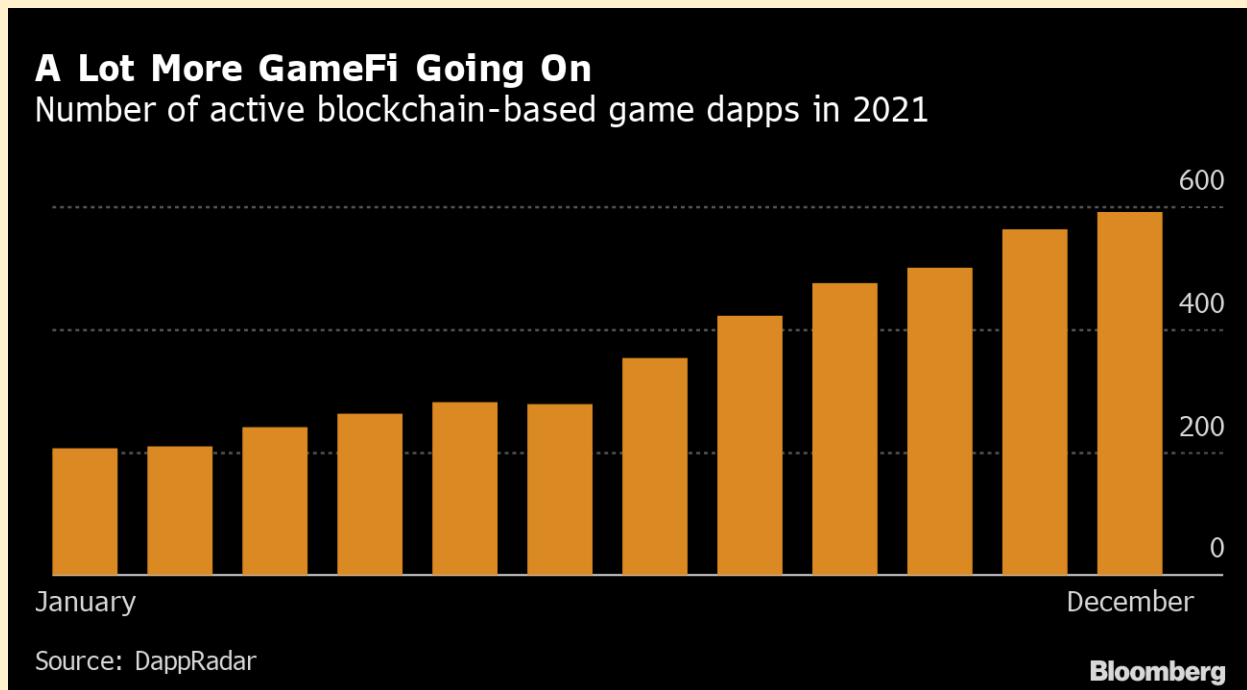
GameFi

The emergence of Blockchain Technology and the subsequent ecosystems, networks, frameworks, and structures has brought dynamic, immersive, and revolutionary changes in the Gaming Industry.

However, the native Gaming Industry is currently plagued by several issues, which includes:

- ☑ Big tech and large companies stifling the freedom of the over 2 Billion gamers around the globe, getting and keeping all the massive revenues for themselves alone,
- ☑ The game developers make massive profits without recourse to the gamers wants or needs,
- ☑ Big Tech's possession of users and gamers data,
- ☑ The enormous powers make policies that often do not favor gamers.

These have necessitated a fundamental change in how games are developed and played, how users' and gamers' data are handled, and revenues and allocated revenue. The switch from a central power structure to a truly decentralized system demonstrates the immense possibilities of blockchain technology. The infographic shared below provides a high-level understanding of the popularity of GameFi



“For this purpose, Pacman Frog will additionally fulfill an accelerator role for other Gaming & NFT startups and develop separated GameFi projects. This is important for us because the gaming ecosystem is growing at a rapid pace and we want to contribute to this segment in the best way possible.”

In initial stages of the development, Pacman Frog will focus on these key features to eradicate the issues discussed above:

- Fair-launch
- InitialNFTs Offering
- Simple LaunchPad
- NFTs Marketplace and GameFi Product.

INO (Initial NFTs Offering)

Initial NFTs Offering is a feature that helps GameFi & NFTs projects starting to sell NFTs items with exclusive offer. You absolutely will receive NFTs corresponding to the ongoing project. If you are lucky, you can receive some rare and super-rare NFTs.

Simple Launchpad

Pacman Frog provides a "supper simple" LaunchPad solution which integrating with the IDO feature. This feature means that there will be an opportunity to participate in a whitelist to buy IDO of the project.

GameFI Focused NFT Marketplace

Pacman Frog is the only Marketplace for many other GameFi & NFTs projects that allowing us to trade NFTs. You can easily and conveniently sell your NFTs or buy to other players.
"FAIR-LAUNCH" MECHANISM.

WHY PACMAN FROG

The expansion of the DeFi industry has made many useful financial instruments widely used, but there is a large class of assets that are excluded from this boom - non-fungible token (NFT) assets.

In the current market, high-value NFT assets are often low-frequency trading assets, including valuable crypto artworks, on-chain real estate warrants, and on-chain antique warrants. Pacman Frog will not only focus on Games but also focus on building the foundation of NFT liquidity, combining NFT and finance to release the liquidity value of NFT.

One major reason for the poor aggregation of NFTs is the lack of pricing mechanisms. At present, most NFT assets are restricted to "non-standardize" assets due to the lack of pricing mechanism. Users on chain cannot have a unified assessment of this type of assets, so they are often recognized by the industry as "private customization" which products can only be traded one to one.

Non-fungible assets can be widely used and pledged in today's DeFi market, while non-fungible assets have no efficient confirmation mechanism for the value of the mortgage, so it is difficult to assess the liquidation risk.

“Pacman Frog will become an industry-leading NFT Game-Fi, Exchange Aggregation Platform and Liquidity Infrastructure built on multiple main chains, and on-chain governance module, dynamic NFT interaction, and NFT cross-chain interoperability.”

The cornerstone of NFT Exchange and Liquidity Protocols are open sourced. Based on the Pacman Frog protocol to build applications, users can bid and trade NFT assets, mortgage NFT assets to obtain positions, the Pacman Frog Council will exercise the management rights of NFT assets and users.

☑ **Liquidity Mining with Multiple NFT Incentives:** Platform token liquidity mining allows the rewards and replacement of a variety of NFT collections and asset packages.

☑ **Cross-chain interoperability:** Take advantage of the Substrate framework and other platform chains to interact and call with multiple protocols to share the depth of the pricing and liquidity mechanism.

“Based on efficient on-chain governance, effective price discovery, and an open technical framework, Pacman Frog will interface with multiple DeFi protocols. Based on the effective use of the value of NFT assets, it will bring rich liquidity and cash flow to DeFi users, becoming NFT assets exchange aggregation and liquidity cornerstone of multiple public chain ecosystem.”

☑ **Governance system with effective pricing mechanism:** The on-chain governance module will allow customization of asset pricing, auction and transaction mechanisms, platform user management, and evaluation management.

☑ **Dynamic NFT interaction:** Dynamic NFT will allow NFT price information to interact with the off-chain environment and maintain high fidelity and timeliness, as an important part of NFT pricing.

NFT DeFi Infrastructure Protocol

Effective Pricing Mechanism

Through the Council and dynamic price evaluation, Pacman Frog is able to realize the NFT asset price discovery and determine the NFT asset value. In the field of NFT assets with high liquidity, high-quality NFT Dapp items with high liquidity after screening by governance will serve as the liquidity use of the NFT assets on the Pacman Frog platform.

In the field of unique collectibles with weak liquidity, Pacman Frog will further set the value standard of NFT collectibles and use them in financial cases such as mortgage lending to release the liquidity of unique collectibles.

NFT Derivatives Finance

Contrasting DEX is the basis of fungible token liquidity, then Pacman Frog will be the basis of non-fungible token liquidity. Multiple factors will interact in this role like price discovery, realizing the mortgage of NFT asset packages, releasing liquidity and cash-flows, and using them in a series of derivative financial cases such as convertible bonds, excess mortgage lending, and pawns.

NFT Exchange Aggregation Platform

Pacman Frog will have its own NFT decentralized exchange by providing developers with a set of powerful NFT DEX building tools, which will provide an ability to use a blockchain-based digital asset application case to develop related DApps and use blockchain-based digital assets to build financial cases.

Project developers can directly add functions to their trading market applications based on Pacman Frog's infrastructure, gain instant access to our full set of business functions, and earn revenue by their sales.

Over and above, Pacman Frog will have an advanced NFT market function toolkit, which will provide users with a powerful mechanism for buying and selling commodities-auction, bidding binding, and naming. All developers have immediate access to our market feature suite. An added functionality shall be offered where the listed assets can be sold, bought, at a fixed price, allowing fixed-priced buying or selling orders.

Moreover, Pacman Frog Liquidity Mining will integrate the innovative assets in DeFi and NFT, so that Pacman Frog platform tokens can be used as liquidity incentives to play a role and allow users to exchange more NFT assets that users need, Pacman Frog token rewards can be exchanged:

Art collection

Insurance covers

Asset control authority

Token, Bonds & NFT Assets

Liquidity mining and transactions will have NFT collectibles incentives. Mining will have dual rewards such as native tokens rewards, stable coin liquidity rewards and Pacman Frog exclusive NFT collectibles rewards. NFT collectibles can also be used as a mining tool to stimulate liquidity.

What's more exciting to learn here is that the platform tokens will feed back the Liquidity pool.

“When the Pacman Frog mainnet token is used as a liquidity market maker liquidity pool trading pair, it will give liquidity incentives and unique NFT incentives.”

GOVERNANCE & DAO

Pacman Frog adopts the concept of Decentralized Autonomous Organisation (DAO) which means that transactions, events, or any other form of execution on the platform will not be under the control of a single institution like a government, central bank, or central data point. There is a division of power among various computers, networks, and nodes which provides a secure digital system to track interactions and transactions across the platform.

\$PAC will initially be governed by the DAO contributors as smart contracts for proposals, voting and governance gets developed. The DAO contributors will guide the direction of the DAO to grow scholarship size, build out technology and develop future roadmaps. Eventually, the DAO will be controlled by the holders who will all have rights to vote on DAO decision making. The goal will be to widespread the distribution of \$PAC tokens so that it can truly be governed by the community for benefit of the community.

The \$PAC is an evolving project, with leaders and contributors emerging over time. The first step of this evolution will be governance proposals for smaller projects like direction of scholarship programs with \$PAC and eventually leading onto future decisions that will shape the future of \$PAC.

In the early phase, the policies will allow the following actions to be executed by the DAO contributors for the benefit of the \$PAC:

- Token swaps with existing and emerging crypto games and projects
- Treasury allocation into investing in different NFT and Crypto Games from casual to triple A.
- Treasury allocation in growing teams in various NFT games
- Decision on creating new vault to allow \$PAC token holders to earn yield on new DAO activities
- Decision on new vaults with strategic partners for yield generation.
- Grants to development team to update \$PAC Core Protocols.
- Grants or milestone rewards to development and R&D contributors (to build The DAO's products and features)

In the final phase, proposals will be initiated by the successful passing of the votes by holders through smart contracts.

The earliest functionality of the DAO will include the development of proposals and governance protocols to navigate the Direction of community support, Event geography and impact location, Assistance for artists, content creators and gamers, Disaster relief and humanitarian assistance, and Game scholarship directions and management

Furthermore, DAO protocols ensure the trustless-ness, permissionless-ness, security, and stability of the platform and prevent malicious users from gaining control or gaming the platform. Users using the consensus of the blockchain technology ensure the openness, development, and reinforcement of required behavior in the platform through incentives like rewards, tokens, and in-game items.

“Our platform has its fundamental goals and visions which all members of our DAO and community strive to achieve.”

Moreover, a better governance module will help the projects generate asset liquidity. The Pacman Frog governance module based on the Substrate will include the following advantages:







- ☑ Nodes can use new proposals and on-chain runtime upgrades without restarting, technically avoiding hard forks
- ☑ Each stage of on-chain governance has a clear time to ensure the timeliness of governance proposals.
- ☑ Every token holder can participate in governance. According to their contribution, they can enter the Technical Committee and Council to become a community of interests.

Through technical committee voting and Councilary voting, various proposals (from specific NFT valuation to NFT transactions) to vote for decisions, from the change of Council members to on-chain runtime upgrades and other major issues for a referendum.

WHY SOLANA NETWORK

Pacman Frog leverages the Solana ecosystem to enable fast, cheap and intuitive trading experience for users of the platform while keeping it fully decentralized thanks to an infrastructure built on top of several smart contracts and blockchain oracles. Solana's technology renders it more than capable of carrying out its mission of mass adoption.

As far as speed goes, Solana is extremely capable. It boasts 65,000 transactions per seconds (TPS), which makes Ethereum's meager 30 TPS pale in comparison. \$PAC holders will be able to exchange \$PAC at speeds greater than 50,000 transactions per second – often for less than \$0.00001 per transaction – on the Solana network. A perfect solution for new generation trading.

by SOL mates	 Solana	 Ethereum	 Binance Smart Chain	 Polkadot	 Cardano	 Tron
Transaction per second	65,000	15	100	1000	270	1,000
Avg. Fee Per Transaction	\$0.0015	\$15	\$0.01	\$1	\$0.25	free
Transaction latency	0.4 sec	~5 min	75 sec	2 min	10 min	3 sec
Number of Validators	702	11,000+	21	297	2,376	27
Total Transactions to date	15 Billion	1.07 Billion	227 Million	1.7 Million	5.9 Million	1.7 Billion

“Hence, using the Solana Network will allow Pacman Frog to compete with the other Ethereum based applications to become a market leader.”

TOKENOMICS

\$PAC is the governance token for the Pacman Frog DAO allowing holders to vote on the future development of the project. Furthermore, the token has been designed to be deflationary and fairly distributed. Since our project is community-driven, \$PAC aims to evolve as a premier community token with diverse utility cases across the NFTs, GameFi, DeFi, and much more.

The initial pre-sale will authorize the mint of 350,000,000 PAC. To protect the community from extreme volatility, whitelisted users invited to the pre-sale must agree to a vesting period of 2 months. During the 2 months after the pre-sale, we will airdrop the presale community on a weekly basis for 8 weeks in total.

The native token of Pacman ecosystem is designed for community governance and utilization within the ecosystem. Anyone who holds \$PAC token is entitled to participate in overall Pacman ecosystem functions which extend to Gaming utilities and liquidity rewards.

We have also developed the growth model for \$PAC where it will acquire users and build community with different strategies including but not limited to the following:

Press Releases: Pacman is ambitious and innovative enough to generate articles and mentions in specialized media and social media. We are closing deals with media agencies to launch a first batch of press notes that will help us find our first early adopters.

Community & Referrals: As a community centered on Gamefi, DeFi, and NFT potentials, a growth lever will be the virality generated by early adopters. We will encourage k-factor by offering Token referrals to users who bring us new users.

Influencers Marketing: We will partner with influencers with massive follow and high profiles considered to be key opinion leaders in their areas of focus (gaming, crypto and NFTs)

Airdrops: Airdrop campaigns will be set in order to incentivize our community at the beginning of the project.

Advantages of Holding \$PAC

High-Yield Income

Simply create LP tokens using a combination of \$PAC and other currencies, deposit them in the PAC Fund (staking), and earn rewards with automatic compounding and high yield using the Vault mechanism.

Vault is a service that automatically manages your virtual currency. It automatically optimizes and maximizes the return on the funds you provide. To do so, it connects to multiple DEX and lending services and moves the funds to where they will generate the highest returns. It also allows you to automatically compound the tokens generated as revenue.

Payment Transfer

Token holders will be able to make transfers using the \$PAC. This will enhance the increase in value and also give holders a great opportunity that comes with ease of payment.

Holding Value

\$PAC can also be used as a means of holding value as it provides holders the opportunity to acquire any kind of value they want within the emerging ecosystem of \$PAC that has covered the best use cases of blockchain technology.

Listing on Major Exchanges

\$PAC will be listed on major exchanges to generate liquidity and buzz. The risk of short-term crashes is controlled because users are expected to continue to own and use the product.