



# SuperDapp

Enhancing the human experience through AI and Web3

Version 1.0 | July 2023

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# The problem with the status quo

The rapid growth of digital technologies has led to a significant shift in how people communicate, access information, and manage their daily tasks. As a result, various industries have evolved to cater to the ever-changing demands of users. The development of mobile applications, social networking platforms, and messaging services has paved the way for a new era of digital interactions. However, in today's fast-paced digital world, users face many challenges when interacting with technology, which often hinders their ability to communicate effectively, access information, and manage their daily tasks. Traditional social platforms usually provide a one-size-fits-all experience, neglecting individual preferences, requirements, and demands. As a result, users cannot customise their user experience based on their needs and demands, leading to the fragmentation of digital services. One of the consequences of the fragmentation of digital services across numerous platforms and applications is that users often need help to navigate between various tools to accomplish even the most basic tasks. This fractured ecosystem generates friction, inefficiencies, and a disjointed user experience.

The rapid emergence of Web3 technologies, such as blockchain, cryptocurrencies, and decentralised applications (dApps), has broadened the digital landscape. These technologies strive to establish a more decentralised, transparent, and user-centric internet (i.e., Web3), empowering users to exert greater control over their data and digital interactions. However, the complexity and novelty of these technologies present barriers to entry for many users, restricting their full participation in the decentralised ecosystem. While numerous Web3 applications have

endeavoured to overcome these challenges, many still face similar issues. The demand for user-friendly interfaces and the steep learning curve associated with decentralised applications can discourage even the most tech-savvy individuals from fully harnessing Web3's potential.

Furthermore, there is a significant need for a unified platform that seamlessly integrates Web3 features. Yet, Web3 social products frequently perplex users regarding their privacy management. Privacy and security remain major concerns for users, as they do in other digital interactions. The ever-present risk of data breaches, identity theft, and other cyber threats looms as platforms gather and store massive amounts of personal data. Consequently, users increasingly call for more robust security measures and more control over their data. Unfortunately, many current platforms lack the necessary capabilities to deliver these features independently.

Amidst this ever-evolving digital landscape, the concept of SuperDapp has emerged as a solution to address the challenges faced by users; the success of 'super applications' like WeChat, Gojek and Grab in the Asian market has demonstrated the potential for such platforms to revolutionise the way users interact with technology. While these existing super apps have primarily focused on integrating traditional services, SuperDapp paves the way to incorporate emerging technologies such as artificial intelligence (AI) and blockchain while remaining accessible for users with intuitive user interfaces.

**Digital tech growth has transformed communication, information access, and daily tasks. However, one-size-fits-all platforms and fragmented services hinder user experience, necessitating more user-centered digital solutions.**

# Industry background

The AI industry's meteoric rise to prominence, expected to surpass 1.5 trillion USD by 2030, positions it as one of the world's fastest-growing sectors. Advancements in critical areas such as machine learning, natural language processing, and computer vision propel the industry's impressive growth. As AI applications become more deeply entrenched in diverse sectors like healthcare, finance, transportation, and entertainment, the potential for AI to generate substantial economic value and revolutionise industries becomes increasingly evident. Consequently, the rapid expansion underscores the importance of incorporating AI into applications designed for the future to ensure continued success and innovation. AI's growing presence in the business world is further bolstered by the increasing availability of powerful computing resources, improved

algorithms, and the explosion of big data. These factors have contributed to the democratisation of AI, enabling businesses of all sizes to harness its potential to optimise operations, enhance customer experiences, and make data-driven decisions.

Moreover, the global AI landscape is characterised by strong competition and collaboration among technology giants, startups, and research institutions. This dynamic fosters an environment conducive to rapid innovation and the development of cutting-edge AI applications that address various industry-specific pain points. Governments worldwide also recognise the significance of AI, invest in research and development, and implement policies to support AI adoption and ethical use.

## Artificial intelligence market size, 2021 to 2030 (USD Billion)



Source: Precedence Research



# Our Solution: SuperDapp

SuperDapp emerges as the comprehensive answer to the numerous challenges faced by users in the digital world. By creating an AI-driven super app that unifies chat, Web3, and social functionalities, SuperDapp aims to transform how users interact with technology and bridge the gaps in the existing fragmented ecosystem. To tackle the problem of fragmentation, SuperDapp offers an integrated platform where users can access multiple services and features without the need to switch between applications. This streamlined approach minimises friction, increases efficiency, and enhances the user experience. As a result, individuals can focus on tasks and enjoy seamless digital interactions.

Harnessing the power of AI, SuperDapp delivers personalised and adaptive experiences tailored to each user's needs and preferences. By incorporating advanced AI algorithms, our platform learns from users' behaviour and continuously refines its recommendations and automation features, ensuring an exceptional user experience that evolves alongside individuals' requirements. Embracing Web3 technology, SuperDapp addresses the complexities of decentralised applications and provides an intuitive interface for users to interact with this emerging landscape. Our platform seamlessly blends Web3 functionalities into its core features, promoting the adoption of decentralised services and fostering a more inclusive digital ecosystem. Security and privacy stand as the cornerstone of SuperDapp's design. We employ state-of-the-art encryption techniques and robust data protection policies to safeguard users' information, providing a secure environment where individuals can confidently engage with digital services.

# Artificial Intelligence Driven Assistant

**SuperDapp, an AI-driven super app, unifies chat, Web3, and social functions to reduce fragmentation, streamline the user experience, and promote Web3 adoption. It prioritises privacy and adapts to individual need**

AIDA (Artificial Intelligence Driven Assistant) is the heart of the SuperDapp product, providing users with a personalised and intelligent experience on the platform. As a central component, AIDA significantly enhances user interactions with the messenger application, Web3 functionalities, and third-party AI applications. By leveraging advanced AI capabilities, AIDA revolutionises how users interact with decentralised applications and navigate the world of Web3 technologies. AIDA's core features include Natural Language Understanding (NLU), context awareness, and multi-modal understanding. NLU capabilities enable AIDA to comprehend and process user inputs in natural language, allowing users to communicate with the assistant as they would with a human. This natural language capability makes interactions more intuitive and efficient. AIDA's context-awareness feature allows it to understand the context of user interactions, enabling it to provide contextually relevant and personalised responses. As a result, AIDA can offer targeted recommendations and assistance based on the user's specific needs. Lastly, AIDA's multi-modal understanding combines text, voice, and visual inputs to provide users with a seamless and interactive experience, allowing AIDA to understand and respond to complex user queries that involve multiple modes of communication. AIDA's capabilities extend beyond these core features. It provides users with personalised recommendations, intelligent assistance, and proactive engagement. By analysing user preferences, habits, and interactions, AIDA can offer personalised content and service recommendations, helping users discover new and relevant experiences on the SuperDapp platform. In addition, AIDA can intelligently assist users by answering queries, providing information, and guiding them through various tasks within the SuperDapp ecosystem. This reduces the learning curve for users and improves overall usability.

Furthermore, AIDA can proactively engage with users by sending notifications, reminders, and suggestions based on their preferences and past interactions, ensuring that users stay up-to-date and engaged with the SuperDapp platform. Integrating AIDA into the SuperDapp stack is crucial to the product. A modular architecture has been designed to seamlessly integrate AIDA into the app's chat, Web3, and AI components. This design provides easy expansion and adaptability to new features and functionalities. APIs have been implemented to facilitate AIDA's interaction with each component of SuperDapp, enabling AI-driven features such as smart recommendations and personalised content to be offered to users. AIDA uses multi-modal understanding and context awareness to deliver personalised experiences to users in real-time, tailoring its responses and recommendations to suit individual needs by analysing user interactions, preferences, and behaviours. To continuously improve AIDA's performance and the quality of the user experience, AIDA is trained on user interactions and preferences continuously. This refines its understanding of user needs, allowing it to better serve users with accurate recommendations and assistance. By integrating AIDA with the messenger application, Web3 functionalities, and support for third-party AI applications, SuperDapp creates a cohesive and personalised environment for users, setting a new standard for decentralised application experiences.



# AI Plugins

SuperDapp aims to provide a seamless integration framework for developers to build AI applications that users can access through chat. To achieve this, a modular AI application architecture is developed, supporting third-party AI applications and allowing them to communicate with the chat and other components of the app. An SDK (Software Development Kit), complete with tools, libraries, and documentation necessary for building and testing applications, will be created to empower developers. Clear and comprehensive APIs are established to facilitate interaction between AI applications and chat. Additionally, extensive documentation and guidelines help developers navigate the AI application architecture, APIs, best practices, and successful examples.

An AI application registry will be utilised, where developers can submit their applications for review and approval, enabling users to discover and install them. A transparent review process for application submissions ensures that they meet the platform's standards for quality, security, and user experience, thus maintaining a high level of trust and safety for users. Developers are encouraged to participate and innovate in the ecosystem through financial and social incentives, such as token-based rewards, revenue sharing, staking and governance opportunities, and developer grants and competitions. Thus, motivating developers to continue contributing to the ecosystem, promoting diverse AI applications, and enhancing the overall user experience.

# The monetisation of AI plugins

Developers can earn revenue whenever users interact with their AI applications through chat, thanks to our adaptive payment system that supports subscription-based payments. These subscriptions grant users the privilege to utilise various premium features and services within an AI application for a consistent, recurring fee typically billed monthly or annually. Implementing this subscription-based model empowers developers to establish a steady revenue flow while users can continuously access their favourite AI applications. Superdapp seamlessly incorporates user wallets and offers an intuitive interface to simplify these payment models, allowing users to access, manage, and use their SUPR tokens conveniently. We use smart contracts to streamline the payment process, oversee subscriptions, and monitor usage data. This ensures that developers receive their portion of the revenue promptly and transparently. Users are promptly informed about successful payments and instantly granted access to the paid features or services.

The platform accommodates a broad spectrum of user preferences by proposing various payment options and guaranteeing flawless integration with the chat system. It encourages developer creativity, facilitates revenue generation for AI applications, and ultimately enriches the user experience.

# Real-world use cases

SuperDapp, with its advanced AI-driven capabilities and seamless integration of chat and Web3 components, has the potential to significantly impact various industries, offering unique solutions that cater to their specific needs. The following examples demonstrate how SuperDapp has the potential to transform numerous industries, showcasing its innovative and groundbreaking capabilities.

## Finance and Banking

SuperDapp can transform the financial industry by enabling secure and seamless transactions through its native SUPR tokens. Users can easily access financial services through integrated AI plugins like loans or investments. SuperDapp's Web3 capabilities also offer decentralisation and transparency, fostering trust in financial transactions and reducing reliance on traditional banking systems.

## Healthcare

SuperDapp can revolutionise the healthcare industry by facilitating secure and efficient communication between patients and healthcare professionals. With its end-to-end encryption and decentralised infrastructure, sensitive medical information can be shared confidently, ensuring patient privacy. Moreover, AIDA's AI-driven assistance can help patients schedule appointments, set medication reminders, and provide tailored health advice, enhancing the overall healthcare experience.

## Education

SuperDapp can be utilised as a communication and collaboration tool for students, teachers, and administrators in the education sector. The platform's AI-driven features can assist with scheduling, assignment tracking, and personalised learning resources. Furthermore, SuperDapp's decentralised nature enables the secure sharing of educational materials and intellectual property, promoting a collaborative learning environment.

## E-commerce

SuperDapp can revolutionise the retail industry by offering personalised shopping experiences through AI-driven assistance. AIDA can analyse user preferences and shopping history to provide tailored product recommendations, sales alerts, and customer support. This level of personalisation can improve customer satisfaction and increase retailers' sales, driving industry growth.

## Human Resources

**Streamlining Recruitment and Employee Management** SuperDapp can transform the human resources sector by streamlining recruitment and employee management processes. AIDA's AI capabilities can assist in candidate screening, interview scheduling, and onboarding. Additionally, SuperDapp's secure communication features can be used for confidential discussions, performance reviews, and internal collaboration, enhancing overall HR operations.



# Pricing model

SuperDapp introduces a tiered pricing structure specifically tailored to the varying requirements of its users, facilitating flexibility and fostering a thriving developer community within the platform. This model is bifurcated into two primary tiers: Basic and Premium.

## Basic Tier

The Basic Tier offers users complimentary access to foundational messaging functionalities, encompassing text, audio, and video calls. Users can also leverage standard AI-assisted personal assistant capabilities courtesy of AIDA, the platform's AI-driven assistant. Furthermore, partial access to a select assortment of AI applications enables users to enjoy the platform's unique features without any incurred costs. However, it's worth noting that the Basic Tier operates under certain constraints. Users are allowed a limit of 5 queries every 4 hours to prevent system overload or potential spamming.

## Premium Tier

The Premium Tier, attainable through a subscription priced at 29\$ a month, unveils an advanced user experience. It embodies all the benefits of the Basic Tier and further enriches the offer with AIDA, which provides top-notch AI-assisted personal assistant capabilities. Subscribers enjoy privileged access to novel features, updates, and a broad array of premier AI applications. Users under the Premium Tier are free to use AI services without the limitations that apply to Basic Tier users. Although unrestricted queries are allowed, a rudimentary filtering system remains operative to uphold the platform's integrity and deter potential misuse or spamming. Another advantage for Premium Tier users is superior support, ensuring swift and efficient aid whenever necessary.

**SuperDapp's tiered pricing provides flexibility, fostering a thriving community with diverse functionalities and AI capabilities.**

# Technology

SuperDapp is a revolutionary platform that blends blockchain's decentralisation with advanced AI capabilities, offering a comprehensive ecosystem for seamless and secure communication. As an interoperable platform, it supports multi-chain plugins, integrating assets from diverse networks such as Bitcoin, Ethereum, BNB Chain, Syscoin NEVM, and Syscoin Rollux. This breadth of integration empowers SuperDapp to seamlessly bridge different blockchain networks, offering users a holistic communication, transaction, and secure data storage platform. In its initial version, SuperDapp provides an extensive suite of encrypted communication tools and features. It offers secure real-time messaging, including group chat and voice messages, providing an interactive platform for instant communication. Adding to its capabilities, SuperDapp offers end-to-end encrypted video calls and voice messaging, ensuring that all user communication remains private and secure. The SuperDapp platform prioritises user data security with an encrypted file storage system, enabling users to securely store and share data, photos, and documents. This level of security extends to its non-custodial wallet feature, allowing users to transfer and receive cryptocurrencies within the chat securely. This unique feature positions SuperDapp as a pioneer in integrating secure financial transactions within a communication platform. SuperDapp also incorporates an encrypted screen-sharing tool, providing a secure medium for collaboration, essential for both personal and professional users. In addition to its existing features, SuperDapp provides an encrypted link for transferring Private and Identifiable Information (PII), reinforcing its commitment to user data privacy. It also supports group conferencing capabilities, providing a secure platform for teams to collaborate remotely. SuperDapp's features extend to creating and hosting large-scale channels, offering users a secure platform to build and engage with large communities. In its second iteration, SuperDapp plans to enhance its AI capabilities further, providing a more personalised user experience. It also aims to incorporate the revolutionary DieFi technology, a non-custodial crypto recovery and inheritance platform, further enhancing its security features.

## Secure Wallet

The SuperDapp Secure Wallet is the cornerstone of our platform, providing an unassailable safe haven for your digital assets. It's not just a wallet but a comprehensive solution that integrates the highest levels of security with user-friendly functionality, making digital asset management a seamless experience. The SuperDapp Secure Wallet is non-custodial, which means you are in complete control of your funds. Your private keys, the critical piece of information used to authorise transactions, are never exposed to third parties, not even SuperDapp. This approach ensures the utmost privacy and security for your digital assets. Your wallet secret keys are also secured with a PIN code and biometric Touch ID for added protection. These security measures are further strengthened by your phone's Trusted Execution Environment (TEE), ensuring your digital assets have the highest level of protection. Building on SuperDapp's core philosophy of robust security, our wallet leverages encryption algorithms. These algorithms secure and verify the identity of the sender and receiver when exchanging messages, public keys, and, critically, wallet addresses. This secure, encrypted channel for communication instils a level of trust that your cryptocurrency transactions are safe, giving you peace of mind. SuperDapp has integrated DieFi technology, a non-custodial crypto recovery and inheritance platform, to further bolster security. Our secure wallet is designed to be comprehensive in its functionality. It boasts compatibility with various asset types, encompassing multi-chain capabilities. This broad-spectrum support allows you to

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consolidate all your diverse coins and tokens into one secure mobile wallet, giving you full control over your digital assets. The SuperDapp Secure Wallet also provides a real-time balance feature, offering an intuitive overview of your cryptocurrency portfolio, and you can choose your preferred fiat currency for display. The wallet supports multiple accounts, allowing you to generate and import as many wallets as you want. This feature accommodates all major blockchains and cryptocurrency assets, such as Bitcoin, Ethereum, and BNB Chain.

**SuperDapp fuses blockchain's decentralisation and AI for secure communication, transactions, and multi-chain cryptocurrency management.**

## DieFi

DieFi technology offers an innovative solution for digital asset owners by providing an automated beneficiary system. With DieFi, users can set up a testament specifying a beneficiary, activated automatically if they fail to sign in to their SuperDapp account for a pre-determined period, such as 12 months or any other duration chosen by the user. This automated process is triggered by a 'Dead man's switch,' which activates when the user fails to sign in within the pre-determined period. To register a beneficiary within SuperDapp, users must provide the beneficiary's first name, last name, date of birth, nationality, and email address. This information is utilised to verify the beneficiary's identity through a partnered ID verification service. Once the dead man's switch timer is activated, an automated email notification is sent to the designated beneficiary, who can initiate the recovery process, which involves complete ID verification steps. Each time a wallet owner logs into their account, the dead man's switch resets, extending the timer for 12 months. All document and wallet registrations are encrypted and only accessible to the intended recipients. After gaining access to the account, beneficiaries can view all the information specifically prepared and shared by the user, including uploaded videos and other content.

# Competition

SuperDapp distinguishes itself from Web3 and Web2 messaging application competitors by combining innovative features, advanced AI capabilities, and a strong focus on delivering a seamless, personalised user experience. A key differentiator for SuperDapp is the integration of AIDA. This cutting-edge AI-driven personal assistant offers users a highly interactive and intelligent experience that differentiates us from competitors. In addition to the integrated AI features, SuperDapp clearly emphasises security and user experience by incorporating numerous unique features. As a fully decentralised and censorship-resistant platform, SuperDapp prevents users from being censored by any centralised authority, significantly enhancing user security. To further bolster this commitment to safety, SuperDapp incorporates end-to-end encryption by default. All messages sent through the SuperDapp chat are encrypted, protecting users' privacy and data. Personal information and metadata are also hashed and anonymised, safeguarding user data from potential threats. Accessibility is another area where SuperDapp excels. To become a part of the SuperDapp ecosystem, users only need an email address instead of a phone number. This approach significantly increases accessibility for users, removing potential barriers to entry and making the platform more inclusive. By blending advanced AI capabilities with a strong focus on security, user experience, and accessibility, SuperDapp offers a competitive edge in the Web3 and messaging application landscape. The platform's commitment to delivering a comprehensive, user-centric experience sets it apart from competitors and positions it as a leader in the space.

	Superdapp	Whatsapp	Telegram	Status
Blockchain powered	✓	✗	✗	✓
Decentralised & Censorship resistant	✓	✗	✗	✓
Integrated AI Features	✓	✗	✗	✗
Web3 integrated dApps	✓	✗	✗	✗
E2E encryption by default	✓	✓	✓	✓
No phone number required	✓	✗	✗	✓
Personal information is hashed	✓	✗	✗	✗
Encrypts metadata	✓	✗	✗	✗

# SUPR Token

The SUPR token is an integral component of the SuperDapp ecosystem, providing a range of utilities that drive user engagement, incentivise developers, and empower the community. By using the SUPR token as the native digital asset, the platform ensures a seamless and consistent experience for all its stakeholders. As a means of exchange, SUPR facilitates transactions within the SuperDapp ecosystem. Users can access various services on the platform, such as premium features or invoke AI plugins by paying with SUPR tokens. This approach simplifies the payment process and encourages users to engage with the platform's offerings.

On the other hand, developers receive incentives in the form of SUPR tokens when users invoke their applications. By rewarding developers with a share of the tokens generated from user interactions, SuperDapp fosters innovation and encourages the creation of high-quality applications that further enhance the platform's appeal. In addition to serving as a means of exchange and developer incentive, the SUPR token can also play a role in governance. By integrating a community treasury, SUPR token holders can have a say in the platform's development and future direction. This democratic approach not only encourages active participation from the community but also ensures that the platform evolves in a manner that aligns with the needs and preferences of its user base. By incorporating the SUPR token as a means of exchange, developer incentive, and governance tool, SuperDapp creates a thriving and dynamic ecosystem that benefits all its stakeholders. The token's utility drives user engagement, supports innovation, and empowers the community, ensuring the platform continues growing and adapting in a competitive market.



## Utility



Ecosystem fees



Means of Exchange



Developer incentives



Governance

## Tokenomics

**\$SUPR**

Token Symbol

**156,000,000**

Initial Circulating Supply

**ERC-20 (SYS)**

Token Type

**0.05\$**

Initial Price

**7,800,000**

Initial Market Capitalisation

**1,000,000,000**

Total Supply

## SUPR Token Allocation

**Tokens: 1 Billion**



Treasury  
18.0%



Contributors  
21.0%



FKX Swap  
10.0%



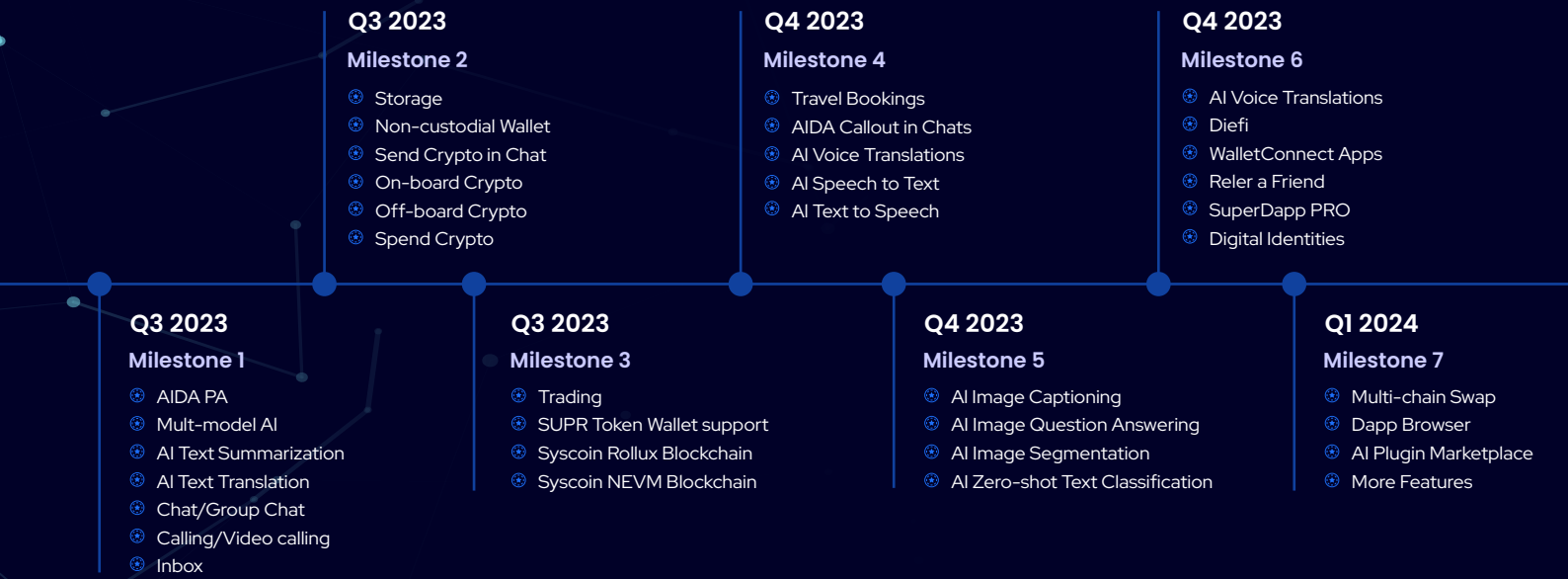
Advisors  
1.0%



Community  
50.0%



# Roadmap



# Team



**Jag Sidhu**  
Interim CEO



**Michiel Naring**  
COO



**Mickey Johnnysson**  
CTO



**Chris O'Shea**  
CFO



**Bradley Stephenson**  
CMO



**David Crais**  
CPO



**Jason Grewal**  
General Counsel