Written by Developer 2, dated 25th of May 2024



# $PALM – The project and its purpose

An introduction and summary to past & current developments and goals.

Dedicated to the $PALM community.

# $PALM Project Update Log and Presentation

February 2024 to June 2024

The $PALM project aims to provide decentralized AI solutions to projects and build our own wider ecosystem based on innovating AI components into Web3 use cases (Mission Goal Statement, 25.5.2024)

This means in practice producing solutions using our development teams that have wind behind them and can make an impact. When we start working on a product or solution, we anticipate it will have a potential userbase. This is the first criteria.

The second criteria is that it is to an appropriate extent unique and that we can claim it as an innovation from our end. Anything less does not go hand in hand with our goal of innovation.

The third criteria is that it builds upon an AI component integrated for the purpose of making a tool better, smarter, easier, lighter or more efficient. This AI component can serve users in Web3, making their experience navigating blockchain application such as dApps or DEX viewing tools better.

The fourth and final one is that it is to an extent decentralized. Decentralization can happen through decentralized users (most commonly, wallet addresses that are aliases for users and require log-in only in a decentralized manner, such as swaps) or through the fact that it aids a decentralized purpose – such as distributing revenue, staking or other functions and methods of DeFi.

We will in this document explore what the project has achieved since its First Phase, categorize and describe the Second Phase of the project and what the Third Phase entails.

## The First Phase. Launch to February 2023

The project launched with a bare Telegram AI chatbot powered by Google's PaLM 2 large language model. It was in a rapid succession of developments expanded to be at the same level as competing projects at that time (November and December 2023).

After a few weeks, we began sketching out applications to build to differentiate from the rest. We felt that since we had in a short period of time built a community and a solid foundation for the project, we should not waste this chance to build something greater than anticipated. Thus, we decided to go full-time on the $PALM project.

## Initial Developments, Nov-Dec 2023

Our first applications and use cases were still planned to be working inside the Telegram bot interface. This included AI Smart Search, Summarization of Google Search, implementing the new Gemini model language models and other applications such as a Telegram interface based airdropper and a whole Image Generation Menu.

These, however, presented a challenge. Since these functionalities were token-gated only in terms of cooldowns, they were not particularly well integrated to on-chain activities. The Web3 plug was to own $PALM, and nothing else.

For the project to comprehensively make sense, we had to do begin sensible Web3 integrations. The idea for this was to approach projects whether they needed an informative AI solution and distribute 50% of the ETH-sourced revenue directly as ETH in our Revenue Share system. Before this, we had adopted Liquidity Pool staking, which is a common practice in the tokenomics field.

Revenue Share, however, would turn out to be something completely different that would shape the project. The prime utility of the project was suddenly not to ride the hype wave of AI projects or use the Telegram bot – it would be to receive the shared revenue.


## Revenue Share and the quest for revenue generation

As soon as we announced the revenue share and put in the first sign-ups for the staking smart contract (this was before our unique Revenue Share dashboard solution), it became clear to us we had to source the revenue efficiently or the sharing of it would not be sustainable.

The primary concern was – who would acquire solutions from us? What would be their initiative to do so? The logical answer was – we had to be different. We had to prove ourselves to be worth something and reliable. We had to be able to give out an offering and a picture of the project which demonstrated that we are at the top of the game, and other projects could rely on us to deliver. This is the point where we have gotten as of the time of writing in May 2024.

To get there was not easy. It required a strategy. First, we had to innovate. To innovate something, you usually need a platform that works within a certain set of parameters. Once those parameters become like tools, you can begin to be creative. Out of a void it is not possible to be creative. We approached two large projects that would offer us these technical platforms and parameters **– the 0x Protocol and the SKALE Network**.

In the side, we were making partnerships with projects to provide them AI assistant solutions with varying degrees of success. Many people doubted the actual use of these solutions and whether it would be a sound investment for their projects. In most cases, they were not.

The solutions were simply too basic or meant to answer questions that were not popularly asked. Only in projects of similar complexity and depth such as $PALM, the questions were asked from the assistant and the assistant was constantly trained on new information by the projects management and supporters.

The need to move on from the chatbots became extremely evident. We also enjoyed developing and thinking about actual innovative use-cases on-chain. This is how our first developments outside of Telegram were born- the **$PALM dApps.**

## The first Decentralized Applications, Dec 2023 – Mar 2023

Our solution with the SKALE Network was a first mover. We wanted to completely cost-free mint ERC721 NFTs that are generated straight out of the Telegram image generator and an UI to mint them right as they are made into existence. It was a success.

We built it, and it had thousands upon thousands of monthly users. It involved a partnership with the SKALE Network that promoted the project in many ways, including outreach, marketing, legitimization and much more. It was our first great success in the development front. We were happy, but not content. Content would never come.

The second solution was the DEX Aggregator built on top of 0x Protocol's Swap API V1. The Swap API V1 is a basic and limited thing – swapping is one function. The function has a *sellToken* and a *buyToken*. These are then sent to the respective DEX router, most commonly Uniswap. The role of 0x and their reason for providing the API is that they handle every step in between getting the quotation for the swap to executing the trade with the Uniswap router. In fact, they handle the trading as well – the user simply authorizes to do it through them. The advantage is that 0x has dedicated tons of development effort to optimize the trades and routing of the quotations to the DEX – reducing gas fees, transactions errors, and other malfunctions that can happen in the block space.

These two applications brought heavy levels of experience in terms of dealing with technical issues and communications between teams to us. We were now geared to go even further – build our own, more comprehensive solutions. From scratch if need be. We had built our own toolkit and could be creative with it.

## The X Spaces and their role

No project is without their challenges. None. As we developed and put out more and more solutions and features, we made some deadlines early and some later. We expanded our bots to other platforms, such as Discord and WhatsApp. Yet it was not always enough – the community yearned for more and more. As such, we had to clearly communicate what we were developing at each moment in time.

To supplement not having the greatest utility update drop every single day, which is not possible, we begun investing heavily into our X Spaces. In fact, ever since our first two couple of spaces, we understood this would be our megaphone to reach people. Those interested and doubtful were the ones most likely to tune in to listen. And we would explain our vision, how this week's developments tied into that vision, what was next, what were the problems, what were the good things. Every week, usually multiple times, we answered the question "why is the project bullish" – worth investing into.

It became critical to never miss an X Space, as without it the aspect of the developer speaking directly their thoughts and answering direct questions was missing. As of the time of writing, from November 2023 to the end of May 2024, we have conducted 44 spaces, a more than a weekly occurrence. This is how the $PALM community was in our view refined to what it is currently, that is, long term commitment from the team's side.

From us presenting our vision with a careful selection of words, the Spaces have been transformed into (more or less) professional pitches about the state of the project, often featuring our trusted partner projects like $SPECT and $SNACK. This integral part of the project will keep occurring very far into the near and distant future.

## Growth and Expansion to Web2

In February, we announced our Web2 source of revenue – the Endobyte company. Endobyte is both a SaaS and a solutions provider – the company mostly serves enterprise clients and development teams with generative AI solutions, for AI solutions themselves.

Endobyte was originally our AI SaaS software product, but once we realized the rapid development of these products and the need to constantly generate revenue, we decided to harness the power of the software we built for development teams like ours to build on and make their own AI engineers better, instead of making everyone an AI engineer in their own right – which would never have happened with current technologies.

As such, the unique technology, which resembles what Nvidia's Blackwell could do in its electronic circuits, remains in our exclusive use in digital format to create efficient AI

solutions rapidly to our existing templates. Through these solutions, we have been able to source hundreds of thousands of revenue in fiat USD for our holders from Web2 platforms.

We are not vocal about the clients we serve due to the nature of Web3 projects. Once we revealed we were working with an enterprise client, unknown persons took to themselves to send emails to this company and inquire about the role of $PALM in these potential solutions. As such, we agreed to never reveal anything about the Web2 dealings other than the revenue sourced. The space is simply not matured to that point.

We hope that as known companies and entities begin to decentralize their stocks and listings, it will mature to the necessary level. While this might not be the most enticing thing, it still maintains stable flows of on average 60 to 100 thousand USD per month. This is our priority, to preserve the revenue share, a critical component in our token utility.

## Current Developments and Product Lines, Mar 2024 - present

With the forementioned dApps released, the community engaged and the roadmap for Q1 finally delivered, we managed to find ourselves in a speedy recovery of the chart from a recent dip to climbing around ten million in market cap each couple of days, all the way to 100 million. This growth coincides with major developments that were a direct result of our growing vision as well.

The first one of these was to announce and keep true to the multimodality of our solutions – they could accept any input and be on any platform. We expanded to WhatsApp, Discord, Shopify and other platforms as demonstrations of what we could do. We expanded upon the features and bettered the abilities and utility of the NFTs being minted through Telegram. We kept adding to the beta version of the DEX Aggregator, preparing for its full and entire release.

To go with our Mission Goal Statement, as expressed on Page 2, we have been developing a multitude of new innovations and products to exponentially grow our revenue.

1) **PALM NFT Studio** on the SKALE Network's Titan AI blockchain.
   Status: in beta, development halted until EMA bridge to Ethereum can be implemented with joint forces from our team and SKALE.
   Over 2000 NFTs minted, two weekly competitions held. Will resume during the summer of 2024. nft.palmai.tech

2) **PALM DEX Aggregator** that relies on the 0x protocol.
   Status: Version 1 fully developed, and the Version 2 forming 1/3 of our entire development resources and effort.
   The DEX makes us about $30k to $40k. swap.palmai.tech

3) **AI Voice Call Assistant** that now forms a core of our Web2 solutions
   Status: Develop and in use.
   Announcement: https://x.com/palmaierc/status/1783229750070186183

4) **PALM Applications System Hardware**
   Status: In development and production. Another 1/3 of our entire development efforts and resources.
   Announcement: https://x.com/palmaierc/status/1786123919247720859

5) **Successful Revenue Share Dashboard adoption for other projects**
   Status: Major source of our additional revenues sourced; we produce these for our clients & partners.
   Announcement: https://x.com/palmaierc/status/1792939924758446289
   Example: snack.palmai.tech

6) **PALM AI Oracle. On-chain integrations of AI + Innovative Integrations program**
   Status: The flagship development for the summer. In use with our first partner projects, includes a Grant Program.
   Announcement: https://x.com/palmaierc/status/1793005354839691335
   Announcement 2: https://x.com/palmaierc/status/1793316201411596347

# To be continued