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The majority of digital assets, like Bitcoin and Etheruem, are too volatile to be used as a common currency. Bitcoin’s value tends to encounter issues like huge fluctuations. It rises and falls by as much as 25% in just a day. Also, it occasionally rises to over 300% in a month. PAYUSD is a stable coin backed by foreign assets with relative stability in value. We strongly believe in the ability of stable digital assets like PAYUSD to unravel the full potential of blockchain technology.

The PAYUSD token (PUSD) is strictly pegged to a real-world asset, fiat currency, which is the US Dollar. Also, it is built on the Etheruem blockchain. The PAYUSD leverages the dollar’s liquidity to reform the financial system.
Cryptocurrencies have taken the fintech world by storm. Their transactions, which occur via a trustless, decentralized platform known as the blockchain, enable the users to trade in crypto assets with no central governing body or system. This feature makes cryptocurrencies a lucrative digital money system not bound by any government regulation, exchange rate, and interest rate. Therefore, these digital assets can be traded across several countries and even be used for cross-border remittance transfers.

Its benefits have been evident in the cryptocurrency market, which includes both tokens and coins. The crypto market has been on the rise since the launch of the first digital asset, Bitcoin. It has shown a growth of more than 3000% in just 4 years from 2013 to 2017. With the increase in the number and value of the digital currencies, there has been an increasing demand for secure platforms to buy and sell them. There are more than 200 exchange platforms operating worldwide, including Binance, Bitfinex, Coinbase, Kraken, and many more.

Fiat transactions encounter a series of challenges, which include regular downtimes, high management costs and daily amount limits. These are all problems PAYUSD solves on a decentralized global scale. By introducing PAYUSD, we provide a trustworthy hedge against crypto volatility for traders, exchanges, and merchants.
A technological experiment by Satoshi Nakamoto led to the first cryptocurrency known as the Bitcoin. This digital cash functions on a decentralized peer-to-peer system with no central authority and prevents its users from double-spending. As other cryptocurrencies are launched, their own dynamic advantages became evident, like their ease of transaction, various functionalities as tokens, and their resistance to harsh financial conditions like a volatile stock market and uncertain monetary regulations. Such revolutionary features have made cryptocurrencies a significant force within the investment sphere. Within 4 years, from 2013 to 2017, the amount of available cryptocurrencies has increased by 3,083%. It has reached about 1993 in 2018, which can be further segmented into 896 coins and 1097 tokens.

Compared to crypto coins like Bitcoin and Ethereum, the crypto tokens have shown a higher rise. More businesses are adopting the tokenization of their services. They do this to facilitate payment security, user authentication, compliance management, and many other corporate needs. The tokenization of products and services with other real-world assets has gained higher traction because of its ability to lessen the potential everyday spending of investors while strengthening the value for money and fostering a saving culture.

The tokenization market size is estimated to increase from USD 823.0 million to USD 2,258.6 million in the 5 years from 2017 to 2022, with a CAGR of 22.4%. Alongside coins and tokens, the whole cryptocurrency market valuation is forecasted to reach USD 1 trillion before the end of 2018. The entire value of crypto assets is estimated to reach USD 4 trillion by 2025, having a trading volume above USD 47 trillion.

The main reason for the staggering rise of cryptocurrencies, both as coins and tokens, is the “blockchain technology” used for transactions. Blockchain is a distributed ledger technology that enables peer-to-peer transactions without the involvement of a controlling governing body.
A good thing about blockchain is that it is not limited to the cryptocurrency market. With the rise in computer processing abilities, blockchain has become viable enough to be used for several applications. The growth rate of blockchain technology is predicted to show an upward trend, and its business value is expected to reach USD 2 trillion by 2030.

Among its several applications, the businesses organizing ICOs have been a primary sector that has seen the blockchain’s unprecedented usage. ICOs are an online fundraising mechanism that enables a tech startup developing applications for blockchain technology to raise funds by issuing new cryptocurrencies, or tokens, which will be purchased by investors. In raising money for the ICOs, billions of dollars have been spent from 2013 to 2018.

Compared to the conventional fundraising systems, it can be noted that blockchain-based ICOs seem to leverage the lack of regulations, a vast stream of investors, a global presence, more flexibility for investors, and more raised funds. In June 2017, funds raised through ICOs exceeded those raised via VC investments. With the ICOs gaining recognition, the number of ICOs has increased, driving more blockchain innovations.

**Exchange Platforms**

With the rise in the number and value of cryptocurrencies, there is also a rise in demand. This rise leads to their increased trade and exchange through the exchange platforms. The result is that as compared to the 703 exchanges in 2015, the exchange operating globally has snowballed to more than 2004, with a total 24h volume exceeding USD 2.5 billion. The major feature of most crypto-based exchanges is that they are either totally or mostly centralized. Their systems consist of regional servers where the computing power and network are centralized. The crypto-assets are also placed for trading on the exchange wallets, which are reconciled and withdrawn by users. To transact on these exchange platforms, users are required to submit their KYC details in most cases.

There are more than 2000 exchanges in existence. However, only a few of them can boast of a credible reputation and a global customer base. Among them are Binance, Bitfinex, Coinbase, Kraken, Cex.io, and many more.

Although these platforms possess beneficial features, each has some disadvantages that build hurdles in the seamless transactions of cryptocurrencies. PAYUSD aims to eliminate these disadvantages via the use of a trustless, decentralized exchange platform.
• Higher Fluctuation in Rates

A few holding majority shares can manipulate the financial market. For some exchanges, since there is a single authority deciding on the rules and regulations, fluctuation in the cryptocurrency rates can happen more frequently than what is predicted by the market trends. Even if users do not find the rates to be acceptable, they would have no control over their money and may suffer from an increased risk of returns or inadequate returns.

• Higher Trading Fees

Using Coinbase as an example, a high transaction fee may be charged by certain platforms, to the tune of 0.25% to 3%. Such high transaction rates contribute to the fluctuating prices of the currencies and generate more significant financial stress for the users.

• Lesser Liquidity

When Satoshi Nakamoto introduced Bitcoin, the vision was for a decentralized system that removes the need for a third party or intermediary. With some systems, the same issue exists because the users need to trust these platforms, and, in case a fraud or breakdown happens on these exchanges, the risk of the funds getting partially or entirely lost can occur. BTCE, which was the 8th largest Bitcoin exchange network up until 2017, is an example of the risk of trusting a third party. Owing to the money-laundering and fraud-related crimes committed at the BTCE exchange, the platform was blocked by the Russian law enforcement agency, and about 50% of the users lost their money.

• Loss of Money

Owing to the presence of low liquidity, many platforms create an issue with liquidity. Doing this leads to supply and demand issues, alongside local price slippage issues. Consequently, the buyer is forced to cover the cost alongside the network gas price, which is usually 1-10% higher than the original transaction costs.
Security Issues

Due to the presence of a single point of entry in some exchanges, they can be easily manipulated by hackers who can access its solitary failure point. In the scenario where the platform gets hacked or closes its portal, the users can lose a lot or the whole of their money. Since the money is dealt with in cryptocurrencies, there is even no government protection available in such cases.
Since the advent of Bitcoin in 2008 and the succeeding creation of several other crypto assets, markets for trading these assets have been on the rise globally. Stablecoins are cryptocurrencies created to ensure stable value for crypto assets. While cryptocurrencies like Bitcoin and Litecoin have price volatility, a Stablecoin is designed to ensure a consistent and predictable purchasing power level.

According to The Block Research’s findings, the entire supply of Stablecoins issued has grown up to 94% since the beginning of February 2020. Also, the entire supply grew from USD 5.68 billion to USD 11.0 billion. In May, that number rose from USD 9.6 billion to USD 11 billion. As can be seen in the chart below, the majority of Stablecoin growth revolves around Tether.

With the inherent market volatility, Stablecoins offer users the opportunity to seamlessly exit their crypto-asset positions whenever there is a downward price swing. They can move their fiat assets easily from one exchange to another for cross-exchange arbitrage tactics.

Today, Stablecoins play a critical role. Stablecoins will continue to play a significant role in re-architecting the financial system using blockchain. As a Stablecoin, PAYUSD will serve as reliable global, borderless money with stable value.
The world needs a worldwide, digitally native currency that ensures full global acceptance, fungibility, low inflation, and stability. PAYUSD aims to meet these global needs. We are committed to expanding how money works for people worldwide.

PAYUSD is an innovative payment network and a new kind of money. PAYUSD is an Open Source ERC20 Token (PUSD) that empowers the internet transaction ecosystem. As the native coin of Thecoinyard.com, PUSD can be used for multiple use cases.
Many decentralized applications (“dApps”) will likely rely on price-stable cryptocurrencies to distribute value. PAYUSD will accelerate the shift from token speculation to usage in dApps as users won’t be incentivized to hold (or sell) the token in anticipation of future price appreciation (or depreciation). This should, in turn, increase the token velocity and fulfill the potential of decentralized networks. dApps are the channel through which PAYUSD will bring the masses to a better money system.

**Safe and Secure**
By carrying out crypto-trading on a trustless, decentralized platform, PAYUSD predominantly eliminates the security issues stemming from a single controlling body. The lack of a single point failure in the PAYUSD architecture makes it hacking-resistant, thus enabling more excellent protection of our user’s capital. The only role PAYUSD plays in the transaction process is to link buyers and sellers on a safe and secure platform.

**Wallet**
We are building a user-friendly mobile and web wallet for storing and trading the PUSD. The PUSD wallets will guide users with the options of creating a simple (web) wallet or a custom (secured) wallet. The wallets will allow users to store PUSD, see their worth, undertake transactions, view trading history, and perform other actions.

**Blockchain**
The blockchain platform offers high-speed transactions. The platform can process several transactions per second, with each transaction taking between 3-5 seconds to confirm. The platform is scalable and extremely efficient. This is why PAYUSD leverages the blockchain to offer a new money system.

**Instant Exchange**
At present, any business would take a significant risk of accepting cryptocurrencies as a medium of exchange due to the volatility of this asset class. PAYUSD holds the potential to unlock the use of cryptocurrencies for day-to-day payments for businesses and
commerce. It guarantees price stability, which is a critical missing element for the adoption of cryptocurrencies by merchants and retailers worldwide. With PAYUSD, instant exchange is feasible.

**Recurring Buys**

With PAYUSD, it is easier and seamless to build a long term crypto portfolio without having to go through the stress of trying to time the market. We allow you to buy on a recurring basis in the most efficient way possible.
PUSD is a Stable Token, whereby US$1:1 PUSD. It is based on ERC20. PUSD is backed by foreign assets, which are denominated in the US dollar. Assets Pool is diversified from US Real Estate, US/Euro Currencies, US Stocks, PE Funds, and Derivatives. Foreign Institutions manage assets.

Anyone with an Ethereum wallet can send and receive PUSD. All transactions are done in line with the smart contract on the Ethereum in line with the ERC-20 protocol. The smart contract is designed to ensure that transactions are error-free, and the system functions appropriately as it has been programmed.

PUSD can be utilized to facilitate settlements against any sort of asset, including crypto, security, and asset tokens and payments. Unlike the fiat that is available to settle trades only during bank business hours, PUSD can move anywhere at any time.

With the Ethereum blockchain as its foundation, PUSD is a programmable token designed to participate in the broader global community of tokens. The PAYUSD team is committed to creating a global platform for online money with stability.
Exchanges, individuals, and merchants will be the primary beneficiaries of PAYUSD. The beneficiaries transact with the token to maintain a volatile-free stable token that allows easy navigation in the crypto economy.

**Exchanges**

The majority of exchanges find it hard accepting fiat deposits and withdrawals using legacy centralized financial systems. This is because of its complicated nature by being expensive, risky, and slow.

PAYUSD will help exchanges in the following ways:

- Provide PUSD to exchanges as a stable store of value for users to make safe deposits and withdrawals.
- Through the usage of a common underlying fiat currency, which is the US dollar, benefits accrue towards the adoption of the token, which ensures there is seamless user experience.
- Providing various trading pairs of PUSD allows a variety of options for asset accessibility, especially to crypto traders.

**Individuals**

People in the crypto space differ in various ways. Traders and investors desire daily profits. The range of these individuals includes those that hope to hedge against downside risks, those interested in long-term secured holdings, those carrying out remittance payments hoping for cheaper options, and developers generating crypto infrastructure, in addition to many other innovative applications. For all these individuals, PAYUSD empowers their use cases by:

- Moving Stablecoin fiat in and out of exchanges seamlessly.
- Lessening cryptocurrency dependence from traditional financial systems.
- Securely storing PUSD without resorting to conventional third-party custodian services.
• **Merchants**

Merchants have suffered from unreliable payments. More than 70% of all digital payments are said to have failed. Even worse is the mistrust between the merchants and customers.

Here are some benefits for merchants using PAYUSD:

• Pricing goods in a recognizable unit of account (the US dollar), which backs PUSD.
• Eradicating costs in the currency conversion process.
• Lessening fees, checking unwarranted chargebacks, and removing third-party legacy financial risks.
• Providing innovative offers to users.
PAYUSD provides a shift from the traditional centralized system to the blockchain-driven
decentralized functional system. As the adoption of PAYUSD grows, more opportunities
will be created, enabling more people to join an open, global decentralized financial
system. PAYUSD is designed to safeguard against the issue of price volatility. The token is
pegged to a real-world asset fiat currency (the dollar).

The PAYUSD team is focused on maintaining a stable currency, which is backed by a
reserve of real foreign assets, on the Ethereum blockchain. We are committed to creating
better, cheaper, and open financial services for the benefit of everyone globally.
This Whitepaper does not constitute an offer document of any sort. It is not intended to constitute any offer of securities nor a solicitation for investments in securities within any jurisdiction.

The Whitepaper is designed to provide prospective purchasers with the information on the PAYUSD project to allow the prospective purchasers to make their own decision as to whether or not to proceed to purchase PUSD. This Whitepaper does not create any offer or invitation; neither does it create any other sale or purchase of assets, shares, or securities. Any possession of PUSD shall not confer any rights in any way to the users, including with no limitation to the rights of ownership, profit, redemption, interest, property or intellectual property, decision-making, or any other related rights, such as the rights of financial or legal nature, in PAYUSD or its affiliates.

The PAYUSD team has made reasonable effort to ensure that, as at the date of this Whitepaper, the information herein is as accurate as possible. However, the information in this Whitepaper may be subject to modification at any time.

This Whitepaper has not been reviewed, authorized, nor approved by any regulatory or supervisory body. The content herein is for informational purposes regarding our approach of providing a solution based on the blockchain technology. The information herein may not be comprehensive and does not infer any components of a contractual relationship. This paper does not constitute the provision of any investment or professional advisory services. PAYUSD does not guarantee and accepts no form of legal liability arising from or regarding the accuracy, completeness, or reliability of any information herein. It is the sole responsibility of prospective purchasers of PUSD to undertake their due diligence. Prospective purchasers of PUSD are wholly responsible for ensuring that all aspects of this Whitepaper are acceptable to them.

The purchase of PUSD may involve certain risks (as stated in the “Risks” section) that could lead to the loss of all or any purchase amount. PAYUSD does not warrant or assure that the tokens are free from defects or viruses, or will meet any particular requirements of potential purchasers. Purchase of tokens should only be made by those who can afford a complete loss of money. Unless you completely understand and accept the nature of the tokens and the potential risks inherent in the purchase of the tokens, you should not purchase the tokens.
This Whitepaper does not create any sort of legal relationship between PAYUSD and participants of the token sale. The tokens are meant for use strictly within the PAYUSD platform and shall not have any value or use outside of it. PAYUSD does not and shall not provide any guarantees, projections, estimates, or ensure any profit, income, or gains from PUSD. Purchasers of the token should carefully assess all available information and possible risks before acquiring the tokens.

PAYUSD reserves the right to make amendments to this Whitepaper at any time and without any notification. In such a case, only the latest version of the Whitepaper on the PAYUSD website shall be deemed valid, while all other versions of this Whitepaper shall be deemed invalid. PAYUSD is not required to give notice of this.

PAYUSD shall not be held responsible for any losses, damages, or harm arising from participation in this token sale.

PAYUSD makes no warranty whatsoever (express or implied) concerning any token proposed to be issued by the group, including any: (i) warranty that the tokens will be issued, (ii) warranty of fitness for a purpose; (iii) warranty of merchantability; (iv) warranty of title; or (v) warranty against any breach of intellectual property rights of any third party, whether due to operation of law, usage of trade, course of performance, course of dealing, or otherwise unless as expressly stated in writing between PAYUSD and any purchaser of the tokens. By purchasing the PUSD, you do so solely at your own risk.

To the maximum degree permitted by the relevant laws, regulations, and rules, PAYUSD and its affiliates and their respective officers, agents, or employees will, concerning the website and PUSD, not be liable for any damages of any sort, including with no limitation to, direct, consequential, special, incidental, or indirect damages (including lost profits, lost revenue or any third-party loss whether foreseeable or not, trading loss or damage resulting from the usage or loss of use of the Website and PUSD.)

For the avoidance of doubt, PAYUSD expressly disclaims every responsibility for any direct or consequential loss or damage of any sort whatsoever resulting directly or indirectly from (i) any reliance on the information here; (ii) any inaccuracy, error, or omission in the information here; or (iii) any action resulting from there.

Some of the statements herein include forward-looking statements that reflect PAYUSD’s current views concerning financial performance, business strategy and plans, both pertaining to PAYUSD and the sectors and industries in which PAYUSD operates.
Statements which include the words “expects”, “anticipates”, “continue”, “plans”, “believes”, “will”, “aims”, “projects”, “may”, “would”, “could”, and similar statements are of a future or forward-looking nature. All forward-looking statements address matters involving risks and uncertainties. Thus, there are or will be critical factors that could cause PAYUSD’s actual results to differ materially from what have been stated in the statements. Any forward-looking statements in this Whitepaper reflect PAYUSD’s current views concerning future events and are subject to risks, uncertainties, and assumptions regarding PAYUSD’s operations and growth strategy.

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Note that there may be certain risks involved in the PAYUSD project. You accept all risks by purchasing PUSD or using any part of our platform.