ctomorrow

CTomorrow WPv1.1.0

Table of Contents

Disclaimer: Important Notice

PLEASE READ THIS SECTION CAREFULLY.

This white paper ("**White Paper**") is issued by **CTomorrow Foundation LTD.** ("**Company**"), (Registration Number: 201837208W), a company incorporated in Singapore, and the token issuance company.

This White Paper may not be distributed, disseminated or otherwise transmitted to any country where such distribution, dissemination or transmission may be prohibited. Further, no part of this White Paper is to be reproduced, distributed, disseminated or otherwise transmitted without including this entire section titled "Important Notice".

GENERAL DISCLAIMER

This White Paper is a work in progress and may be updated from time to time. Due to the incredible interest in the token sale ("**Token Sale**") relating to the **CTP Token** ("**CTP**"), this White Paper has been made available for public viewing.

More details about the CTP Token usage may be added from time to time in a series of updates which will be noted on the **Company's** official website at **CTOMORROW.IO** ("**Website**").

Although this White Paper may be updated from time to time, the **Company** does not intend to materially change its core offering, the token structure, the token distribution, and the use of funds.

For more information about the Token Sale, please visit the **Website**. Please be cautious of other phishing sites and similar sites.

Before participating in the Token Sale, you should consider the information in this White Paper carefully, and consider whether you understand what is described in this White Paper. If you are in doubt as to the action you should take, please consult your financial, legal, tax, technical or other professional advisers.

LEGAL DISCLAIMER

This White Paper describes the technical and business aspects of **CTP**, and the Token Sale. Certain information and statements in this White Paper refer to events which have not occurred or been completed, and no reliance may be placed for any purpose whatsoever on the information contained in this White Paper or its completeness.

This White Paper is intended for general informational purposes only, and is not meant to be exhaustive, comprehensive or binding. Information in this White Paper has been compiled from sources believed to be reliable, and has not been independently verified. There is no assurance, representation, warranty or undertaking as to the accuracy or completeness of such information. This White Paper does not constitute a recommendation regarding the purchase, holding or disposal of the **CTP Tokens**.

None of the **Company** and its affiliates, directors, officers, employees, founders, shareholders, advisers and agents make any representation, express or implied, or accept any responsibility, with respect to the accuracy or completeness of any of the information in this White Paper or for any statement made or purported to be made by them. Accordingly, the **Company** and its affiliates, directors, officers, employees, founders, shareholders, advisers and agents disclaim all and any liability whether arising in tort or contract or otherwise for any loss whatsoever arising from any use of this White Paper or its contents, or otherwise in connection with this White Paper.

This White Paper is prepared based on the current views and plans of the **Company**. All statements contained in this White Paper that are not statements of historical facts constitute forward-looking statements. Forward-looking statements generally can be identified by the use of forward-looking terminology such as "may", "will", "should", "expect", "anticipate", "estimate", "intend", "continue" or "believe", their respective negatives and other comparable terminology. However, these words are not the exclusive means of identifying forward-looking statements. All statements regarding business strategy and plans, estimates of returns or performance, and objectives for future operations, are forward-looking statements. Such forward-looking statements involve known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates, or the results implied or expressed in such forward-looking statements. Such forward-looking statements are based on numerous assumptions regarding the **Company**'s present and future business strategies and the environment in which the **Company**, or the **CTP Tokens** will operate in the future. As these statements reflect the current views of the **Company** concerning future events, these statements necessarily involve risks, uncertainties and assumptions. Additionally, other events which were not taken into account may occur and may significantly affect the analysis. Given the risks and uncertainties that may cause actual future results, performance or achievements to be materially different from that expected, expressed or implied by the forward-looking statements in this White Paper, no reliance must be placed on these statements. The **Company** expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any forward-looking statement contained in this White Paper to reflect any change in the expectations of the **Company** with regard thereto or any change in events, conditions or circumstances on which any such statement is based.

The **Company** reserves the sole and absolute discretion to revise, amend, modify or supplement this White Paper from time to time by posting the updated White Paper on the **Website**. Such updated White Paper will become effective immediately from the time of posting. This White Paper amends, restates and supersedes in its entirety any previous version of it. The delivery of this White Paper at any time does not imply that the information contained in it is correct at any time after the date on the cover of this White Paper.

The sole purpose of this White Paper is to provide prospective purchasers with preliminary information regarding the token issue to assist them in deciding whether to buy the **CTP Tokens** and to express their interest to the **Company** in order for the **Company** to be able to determine the final conditions of the token issue.

Separate terms and conditions (including the CTP Token Sale Terms and Conditions) will apply to the Token Sale, and to the use of the **CTP Tokens**. Those terms and conditions should be read together with this White Paper and considered before entering into any transaction. No person is bound to purchase any **CTP Tokens**, and no purchase or payment would be accepted, on the basis of this White Paper. In the event of any conflict or inconsistency between the CTP Token Sale Terms and Conditions, this White Paper and any other document, the CTP Token Sale Terms and Conditions shall prevail to the extent of the conflict or inconsistency unless otherwise specified in writing by the **Company**.

All statements of opinion and all projections, forecasts, or statements relating to expectations regarding future events or the possible future performance represent the **Company**'s own assessment and interpretation of information available to it currently and no reliance may be placed for any purpose whatsoever on such statements, projections, or forecasts.

As detailed in the CTP Token Sale Terms and Conditions and generally described in this White Paper, the **CTP Tokens** shall carry no rights other than a limited right stated by the **Company**, if and to the extent that the company is able to successfully develop and launch its services, and subject always to terms and conditions imposed by the **Company**.

The **CTP Tokens** are not intended for sale or use in any jurisdiction where sale or use of digital tokens may be prohibited. Prospective purchasers should inform themselves regarding the legal requirements and tax consequences within the countries of their citizenship, residence, domicile and place of business of acquiring, holding or disposing the **CTP Tokens** and to observe all applicable laws. The distribution of this White Paper and the offer and sale of the **CTP Tokens** in certain jurisdictions may be restricted by law. This White Paper does not constitute an offer to sell or the solicitation of an offer to buy in

any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such state or jurisdiction.

None of the information in this White Paper has been filed with, reviewed by, or approved by any governmental or regulatory authority. No governmental or regulatory authority has examined, passed judgment upon or approved the contents of this White Paper or the merits of the **CTP Tokens**. This White Paper does not constitute a prospectus or offer document of any sort. This White Paper is also not intended to constitute an offer of, or solicitation or invitation to purchase or a recommendation of, any capital markets products, securities or any other financial or investment instrument in any jurisdiction.

The **Company** reserves the right, exercisable in its sole and absolute discretion, to review and decide whether to accept (with or without conditions) or reject any offer to purchase the **CTP Tokens** during the Token Sale. Please refer to the CTP Token Sale Terms and Conditions for further information.

Prospective purchasers should conduct their own investigation and due diligence as to the potential legal risks and tax consequences related to the purchase of the **CTP Tokens**. This White Paper does not contain any form of advice and does not take into account any specific objectives, situations or needs of any person. Accordingly, a prospective purchaser should assess whether a purchase of the **CTP Tokens** is appropriate for its needs. If you are in any doubt as to the action you should take, you should consult your financial, legal, tax, technical or other professional advisers.

This White Paper was conceived, designed and written in the English language but may be translated to other languages. In the event of any conflict or inconsistency, the English version of this White Paper shall take precedence over the translated version.

Mission

Faith in Humanity Lead by Technology

Using cutting-edge technologies to revolutionize current industry standards and practices, **Our Mission** is to foster an ecosystem of personalized, customized health solutions individually tailored to everyone's unique traits and needs.

Abstract

CTomorrow is a personalized technology platform focusing on innovations which revolutionize the way we monitor and manage our health for a healthier, happier world. CTomorrow sits squarely at the intersection of three important emergent technologies: mHealth, AI avatars, and blockchain technology. The primary components of the CTomorrow ecosystem are blockchain, the CTP token, the CTP exchange gateway, Big Data and AI.

It is broadly accepted that the field of healthcare is in the midst of a long-term period of dramatic transformation. AI avatars are a burgeoning field with a number of promising projects already on the horizon, with significant investor and expert support. The NFT industry is currently undergoing a dramatic boom in transactions and revenue whose effect on revitalizing the current and future cryptocurrency markets cannot be overstated.

The CTomorrow Project accelerates innovation in the Health Tech sector, promoting a healthier and more positive life for all. CTomorrow's particular emphasis is on projects that leverage mobile technology to produce software applications (apps) that provide users with real-time health or beauty diagnosis. CTomorrow's applications use facial recognition technology to gather data about the user's skin condition and health. The majority of smartphones on the market already are equipped with biometric facial recognition technology.

The CTomorrow Smart Data Factory is an ever growing database that provides information to CTomorrow AI, to provide the most accurate health reports and recommendations to the users.

CTomorrow DID is a set of authorization APIs provided by CTomorrow that developers can use to allow their users to connect and share their data externally, and increase engagement with other websites and applications via their CTomorrow account.

CTomorrow's Dynamic NFT Avatars take the concept of PFP NFT to the next level with personalized avatars based on your initial facial scan which evolve over time based on your initial personal attributes, your progress with health and beauty solutions, and the body of knowledge accumulated in the Smart Data Factory and applied to your individual data points.

Market Overview

Recent years have seen an explosion of innovation and growth in technologies that transform the way we interact with the world around us, and how we carry out tasks whether they be menial (ordering dinner, making appointments) or life-changing (buying a home or car, meeting a future spouse online).

CTomorrow is a personalized technology platform focusing on innovations which revolutionize the way we monitor and take care of our essential **health**, for a healthier, and happier world.

CTomorrow sits squarely at the intersection of three important emergent technologies: mHealth, AI avatars, and blockchain technology.

mHealth

It is broadly accepted that the field of healthcare is in the midst of a long-term period of dramatic transformation driven by widespread adoption of new technologies and innovative new business models, as well as increasing equality of access to technology and services around the globe. Some experts even project that by the year 2040, healthcare as we know it now will have evolved into simply "health."[1] The world has already seen a

---

[1] "Health tech investment trends | Deloitte Insights."
https://www2.deloitte.com/us/en/insights/industry/health-care/health-tech-investment-trends.html.

shift in priorities as certain categories areas of healthcare have become more prominent,[2] and are thought to be those which will drive the future of health:

Technology: Data and platforms are already critical to healthcare service providers, and are increasingly available to patients as well. This trend is expected to continue such that nearly everyone will be able to manage critical aspects of their health using mobile and desktop applications.

Services: Hospitals, clinics and other healthcare providers will obviously continue to play a critical role, with an increasing proportion of services shifting to the digital rather than physical space.

Catalysts: The entrepreneurs, investors and other enablers who drive innovation and keep the industry moving forward.

The World Health Organization (WHO) defines **mHealth** (Mobile Health) as "use of mobile and wireless technologies to support the achievement of health objectives," while the American National Institutes of Health (NIH) defines it as "the use of mobile and wireless devices (cell phones, tablets, etc.) to improve health outcomes, health care services, and health research".[3]

---

[2] ibid

[3] "mHealth - World Health Organization."
https://www.who.int/goe/publications/goe_mhealth_web.pdf.

mHealth apps provide promising opportunities for optimizing health systems, improving care, promoting health, and reducing health disparities. mHealth apps can provide patients with medical and health-related information (both general and personalized information) and education, improve patients' compliance with treatment, and help them manage their own health (by conducting monitoring and diagnostic activities and improving their understanding of their health status or illness).[4]

The global mHealth market is valued at over $40 billion (USD)[5], with over 100,000 health-related applications available for the iPhone and/or Android platforms.[6] It is expected to grow at a compound annual growth rate (CAGR) of around 30%.[7]

According to a WHO survey of member states, competing health system priorities was consistently rated as the greatest barrier to mHealth adoption.[8] Health systems worldwide are under increasing pressure to perform under multiple health challenges, chronic staff shortages, and limited budgets, all of which constitute a burden when choosing solutions.

---

[4] "JMU - Patients' Perceptions of mHealth Apps: Meta ...." 10 Jul. 2019, https://mhealth.jmir.org/2019/7/e13817/.

[5] "mHealth Market Size, Share - Grand View Research, Inc.." https://www.grandviewresearch.com/industry-analysis/mhealth-market.

[6] "JMU - Patients' Perceptions of mHealth Apps: Meta ...." 10 Jul. 2019, https://mhealth.jmir.org/2019/7/e13817/.

[7] ibid

[8] ibid

Wellness platforms consist of applications which offer health-related services on smartphones, tablet PCs and other communication devices. Wellness applications in active use provide, among other things, mobile telemedicine, medical advice and information, pharmacy transactions, hospital selection and appointments, and stress-reduction/meditation activities.

Currently, many of the most popular types of health and wellness applications fall under the category of **health tracking platforms.** There are thousands of applications in use which track areas such as sports and fitness, diet and nutrition, weight loss, sleep cycle, pregnancy, diabetes and more.

Although mHealth applications have thus far not dominated the market at the rate of juggernaut online services such as eCommerce and social media, the field is currently thriving and is expected to grow exponentially over the next ten years.[9]

The most transformative new innovations tend to be technologies that extend or replace solutions to existing real-world problems, improving quality and efficiency, driving down costs, and most importantly, breaking down limitations and allowing for infinite scalability. mHealth holds great

---

[9] "mHealth Market Size, Share - Grand View Research, Inc.."
https://www.grandviewresearch.com/industry-analysis/mhealth-market.

potential for changing the way we tend to our health needs and improving their efficiency and effectiveness.

mHealth applications offer a unique prospect: the complete customization of healthcare to fit the patient's individual needs. By leveraging big data, artificial intelligence, and granular user settings and features, mHealth applications hold the potential to bring about the mass customization of healthcare. By accessing a mHealth platform, a user can, for example, swiftly identify individually tailored therapies or keep on-track with their treatment without the need for medical staff on hand 24/7.[10]

AI Avatars

An AI avatar is a digital representation of the user's presence in the online space, powered by artificial intelligence to increase human interaction and provide benefits to the user and the community.[11] AI avatars Develop and grow using machine learning powered by ever increasing volumes of Big Data and the user's own personal data points.

AI avatars are a burgeoning field with a number of promising projects already on the horizon, with significant investor and expert support. American entrepreneur Mark Cuban has thrown his support behind Alethea

---

[10] "Wireless health care - When your carpet calls your doctor ...." 8 Apr. 2010, https://www.economist.com/business/2010/04/08/when-your-carpet-calls-your-doctor.
[11] "AI Avatar: In-depth Guide for Businesses [2021]" https://research.aimultiple.com/ai-avatar/

AI to create a metaverse of NFT avatars powered by artificial intelligence.[12] NVIDIA Research recently won "Best in Show" at the SIGGRAPH 2021 showcase with a demo of 4 AI-powered digital avatars.[13] New Zealand based startup Soul Machines raised $40 million (USD) Series B funding for a project to advance human and machine collaboration via AI avatars.[14] South Korean company Deepbrain AI raised a $44 million (USD) Series B specifically for its AI powered virtual avatar project.[15]

Avatars are commonly used to represent the user in online environments, such as social media, eCommerce, video games, and other virtual worlds in the metaverse. Given the internet's central role in our daily lives, nearly every netizen already has at least one or more online accounts using an avatar. With the latest mobile AI advancements, people can create their own AI avatars by using tools like Samsung AR Emoji and Apple "Memoji." Users can create their digital avatars by taking photos and using different emojis on their avatars while texting to each other.

---

[12] "Mark Cuban-backed Alethea AI is building a metaverse of NFT avatars" https://www.fastcompany.com/90684509/alethea-ai-nft-avatar-metaverse-mark-cuban

[13] "All AI Do Is Win: NVIDIA Research Nabs 'Best in Show' with Digital Avatars at SIGGRAPH" https://blogs.nvidia.com/blog/2021/08/10/siggraph-real-time-live-demo/

[14] "Soul Machines Raises US$40M Series B" https://www.soulmachines.com/2020/01/soul-machines-raises-us40m-series-b/

[15] "Deepbrain boosts AI-powered virtual avatars with $44M raise" https://venturebeat.com/2021/08/09/deepbrain-boosts-ai-powered-virtual-avatars-with-44m-raise/

Studies have shown that unique user avatars foster user engagement and enhance the user experience overall by allowing the user a creative outlet to express their online persona, and creating strong emotional attachments between the user and avatar, and by extension increasing the user's affinity for the online community.[16] This extends beyond gamers and their relationships with their player characters to casual internet users whose engagement increases when interacting online via an avatar.[17] AI avatars have already been proven to provide "an easy way to create digital avatars for real people as well as cartoon characters. It can be used for video conferencing, storytelling, virtual assistants and many other applications."[18]

There is even a scholarly term, *the Proteus effect*[19], for the widely observed phenomenon in which the user identifies so much with his avatar that he begins to take on the avatar's own attributes in real life. Studies have accumulated over a decade of research supporting the Proteus effect.[20]

---

[16] "Fostering Intrinsic Motivation through Avatar Identification in Digital Games" https://www.researchgate.net/publication/301935505_Fostering_Intrinsic_Motivation_through_Avatar_Identification_in_Digital_Games

[17] "The Effects of Badges and Avatar Identification on Play and Making in Educational Games" https://dl.acm.org/doi/pdf/10.1145/3173574.3174174

[18] "All AI Do Is Win: NVIDIA Research Nabs 'Best in Show' with Digital Avatars at SIGGRAPH" https://blogs.nvidia.com/blog/2021/08/10/siggraph-real-time-live-demo/

[19] "The Proteus Effect: The Effect of Transformed Self-Representation on Behavior" https://academic.oup.com/hcr/article-abstract/33/3/271/4210718

[20] "Avatar characteristics induce users' behavioral conformity with small-to-medium effect sizes: a meta-analysis of the proteus effect" https://www.tandfonline.com/doi/full/10.1080/15213269.2019.1623698

Avatars have already shown tremendous potential to not only increase engagement and enhance the online experience, but also to bring substantial real world benefits to the user behind the avatar. Avatars have been successfully employed to improve user's habits and achievements with regards to health[21], education[22] and the arts[23] among other areas.

NFT Technology

NFTs are a token representing ownership of a digital or physical item with a decisive record of ownership written immutably to the blockchain and easily verified. A non-fungible token (NFT) is a unique token minted on the blockchain; however in contrast to a standard cryptocurrency, the NFT is **not fungible** in that it cannot be replaced or exchanged. It may, however, be traded for sums of cryptocurrency according to its perceived market value.

Since initially gaining public traction, the market capitalization of NFT transactions grew tenfold from $40 million (USD) in 2018 to nearly $400 million by the end of 2020.[24] NFT sales to date for fiscal year 2021 have

---

[21] "Virtual Self-Modeling: The Effects of Vicarious Reinforcement and Identification on Exercise Behaviors" https://www.tandfonline.com/doi/abs/10.1080/15213260802669474

[22] "Introducing Avatarification: An Experimental Examination of How Avatars Influence Student Motivation" https://ieeexplore.ieee.org/abstract/document/7427190

[23] "Understanding Avatar Identification through Visual Similarity for Richer Story Creation" https://par.nsf.gov/servlets/purl/10101237

[24] "Market capitalization of transactions globally involving a non-fungible token (NFT) from 2018 to 2020" https://www.statista.com/statistics/1221742/nft-market-capitalization-worldwide/

already dwarfed the previous three years combined, with $2.5 billion in sales within the first half.[25]

The global NFT market cap surged to new highs in the first half of 2021, with $2.5 billion in sales so far this year, up from just $13.7 million in the same six month period in 2020, marketplace data showed.[26] Sales volumes have remained high after NFTs exploded in popularity early this year. OpenSea, one of the leading NFT marketplaces, reached record monthly sales volumes in June 2021. NFTs have clearly exploded in popularity, as speculators and crypto-enthusiasts flocked to buy the new type of asset, which represents ownership of online-only items such as digital art, trading cards and land in online worlds.

The NFT industry is currently undergoing a dramatic boom in transactions and revenue whose effect on revitalizing the current and future cryptocurrency markets cannot be overstated. At the same time, NFTs have ushered in an unprecedented boom in creativity and innovation, as more and more new projects stretch the boundaries of the technology to achieve lofty goals, often succeeding.

---

[25] "NFT Market Hits $2.5B In Six Months"
https://www.pymnts.com/cryptocurrency/2021/nft-market-hits-2-5b-in-six-months/
[26] Ibid.

CTomorrow Project

The CTomorrow Project accelerates innovation in the Health Tech sector, promoting a healthier and more positive life for all. CTomorrow's particular emphasis is on projects that leverage mobile technology to produce software applications (apps) that provide users with real-time health and currently beauty diagnosis.

The CTomorrow project seeks to meet consumers' increasing demand for customization and personalization. CTomorrow is determined to respond to the demand for customizable platforms tailored to the user's individual needs. CTomorrow is also determined to uphold the principles of accessibility, user-friendliness and simplicity in user experience design to develop consumer-facing applications conducive to mass consumption.

CTomorrow Ecosystem

The CTomorrow project was formulated with the goal of utilizing the latest technologies to revolutionize health industry standards and practices. The CTomorrow Projects introduces a new economic model wherein all participants grow and benefit alongside with the platform's advance.

The primary components of the ecosystem are blockchain, the CTP token, the CTP exchange gateway, Big Data and AI.

The CTomorrow ecosystem's value stems from the family of applications, products, manufacturing technology, and most importantly from its supporters and users who contribute to and benefit from the ecosystem.

Through the CTomorrow applications, users can receive CTP as mining rewards for providing data that will improve the system, which in turn are used to generate personalized recommendations whose accuracy increases over time.

The CTomorrow Platform has linked substantial products and services that provide valuable benefits from day one with the CTP token.

mHealth Application

The skin is the window to your health. Many underlying health conditions — some very serious — first appear as skin problems. For example, nutrition is intimately connected to the condition of one's skin. The first symptom of malnutrition is most often an unhealthy facial complexion: pale, sometimes with touches of yellow or light brown. Like the rest of the body, the skin requires nutrients in order to stay healthy. When a person becomes malnourished, the skin is denied essential nutrients and becomes discolored.[27]

---

[27] "Sallow Skin: Causes, Remedies, and More - Healthline." 8 Sep. 2017, https://www.healthline.com/health/beauty-skin-care/sallow-skin.

CTomorrow's applications use facial recognition technology to gather data about the user's skin condition and health. The majority of smartphones on the market already are equipped with biometric facial recognition technology. It is estimated that by 2024, 90% of devices in use worldwide will possess the capability.[28]

Facial recognition goes far beyond mere recognition; smartphone applications can now carry out analysis of a facial scan. For example, while most people can take a look in the mirror and see that they "look tired" or "look fresh" that "look" needs to be turned into data in order for it to be usable in any progressive form. By using the latest technologies, the CTomorrow Project will convert that "look" into empirical data that can be calculated, evaluated and sorted to track progress and for real time reporting.

The CTomorrow Project has already delivered its first successful proof of concept in the form of the **Cosball application**, a platform which leverages Big Data and Artificial Intelligence (AI) technologies to deliver a personalized experience wherein users monitor their current health in real-time, while tracking progress over time. By providing feedback in real-time, users will be able to make immediate adjustments, and by showing

---

[28] "Biometric facial recognition hardware present in 90% of …." 7 Jan. 2020, https://www.biometricupdate.com/202001/biometric-facial-recognition-hardware-present-in-90-of-smartphones-by-2024.

progress, users are empowered to make data-based decisions on lifestyle habits.

More details about CTomorrow's first successful app deployment, Cosball, will be discussed later in this White Paper.

Smart Data Factory

"Data is the new oil."

—Clive Humby[29]

In the years since mathematician, data scientist and entrepreneur Clive Humby made this proclamation in 2006[30], business leaders in the tech field have come to the consensus that Big Data, when collected and processed properly, is highly lucrative.

The CTomorrow Smart Data Factory is an ever growing database that provides information to CTomorrow AI, to provide the most accurate health reports and recommendations to the users.

Each time a user scans their face, through the algorithm, the app converts the image into a numerical value. That value, combined with the data from the survey, is then entered into the Smart Data Factory . The numerical value is placed between higher and lower numerical values within the

[29] "Tech giants may be huge, but nothing matches big data ...."
https://www.theguardian.com/technology/2013/aug/23/tech-giants-data.
[30] ibid

users demographics. Over time the users' reports will be based on the database of their peers. The Smart Data Factory is a constantly evolving system that trains and informs the AI. The more users, the more data, and the more accurate the system as a whole becomes.

Users of the platform can create their own mini-ecosystem which is personalized to their individual needs and traits. When these ecosystems combine, they generate the big data which in return improves the accuracy of the platform as a whole..

Combined with blockchain based mining features, users are eligible to receive mining rewards when performing certain actions on the platform that benefit the entire system. This cycle promotes a health tech ecosystem beneficial to all parties involved, fostering its ongoing growth.

AI Diagnosis

Through the process of training, Big Data is harnessed to teach AI models or machine learning algorithms to make corrections according the latest hypothetical and real-world outcomes. For example, when developing a self-driving car, the training data may include images and videos labeled to identify the difference between cars, street signs and human pedestrians.

Using CTomorrow applications, users can scan their face to get real time reports. The CTomorrow AI and algorithms analyze the user's face, and

through patented algorithm technology provide detailed reports based on knowledge aggregated in the Smart Data Factory. Based on the user's personal information and demographics, the application inspects the condition of the user's complexion, taking into consideration any and all blotches, wrinkles, or other abnormalities and compares the current condition with the user's previous scans as well as others in similar demographics.

CTomorrow DID

CTomorrow DID is a set of authorization APIs provided by CTomorrow that developers can use to allow their users to connect and share their data externally, and increase engagement with other websites and applications via their CTomorrow account. When so used, CTomorrow members can log on to third-party websites, applications, mobile devices and more using their CTomorrow DID, and, while logged in, can exchange data with other platforms and update their own account profile and personal data.

In short, CTomorrow DID allows users a quick and easy way to virtually create new accounts and grant permissions, and subsequently log in to said service with just a few clicks via their CTomorrow account. This arrangement is also known as single sign-on (SSO), allowing the user to log in with a single username and password to third party sites who have integrated CTomorrow ID's API into their authorization protocol.

CTomorrow is defined as an **authorization protocol** rather than an **authentication protocol.** User authentication (log in) takes place via the CTomorrow platform. When the user authorizes a third party service access to their account using CTomorrow DID, they are able to access the third party platform and benefit from its services, with full control over permissions granted to the third party on a granular level. Users may modify permissions granted or revoke them altogether from the service at any time using the simple, user-friendly CTomorrow DID Control Panel.

Authorization protocols have enjoyed widespread adoption since Facebook and Google set the standards over a decade ago with Facebook Connect and Google Sign-In respectively. Other leading platforms with log in APIs (or SSO's) in heavy daily use include Twitter, Apple, LinkedIn, PayPal and Amazon.

Web 3.0

CTomorrow aims for a truly decentralized app ecosystem where all users can own their own digital identity, data and virtual assets. To this end, we are creating a Web 3.0 ecosystem where all data holders maintain and develop the network together by building a private distributed storage based on our smart data factory solution. We envision a highly efficient, self-motivated, and low-cost data hosting gateway based on IPFS and the underlying technology of Ethereum with cross-chain integration for increased interoperability..

The InterPlanetary File System (IPFS) is a peer-to-peer network and protocol for hosting and sharing data in a distributed file system. It is a content addressable peer-to-peer hypermedia distribution protocol where nodes in an IPFS network will constitute a distributed file system. IPFS employs the following core technologies:

- The data storage uses **Merkle DAG** to make sure all data is verifiable and to avoid duplicates and redundancies.
- **Content addressing:** All stored data is uniquely identified and verified by multiple hashes.
- **DHT network and BitSwap protocol:** IPFS uses the DHT network to distribute data by exchanging data blocks between peer nodes. The BitSwap protocol incentivizes data preservation and ensures equity between nodes. BitSwap is a credit system where each node stores its own ledger. Peer nodes monitor their data and transaction history, and the likelihood of sending data decreases as the debt increases.

CTomorrow develops its data storage and transport layer on the IPFS network. Leveraging our innovative cryptographic and financial design model, we organize a series of IPFS nodes into a collaborative data storage and platform portal that rewards contributing nodes and deters fraudulent ones.

Dynamic NFT Avatar

CTomorrow offers a personalized NFT avatar service that uses dynamic NFT technology to change appearance according to the user's condition. "Profile pic" (PFP) NFT's[31] have already proven to be a formidable juggernaut within the multibillion dollar NFT market, such as CryptoPunks,[32] as a decisive proof of concept among others. PFP NFT's quickly took over the market and are widely regarded as essential not only to the present, but to the future of NFT's.[33]

The benefits of AI avatars have previously been discussed in this white paper. The decades old legacy of video games and online virtual worlds; the metaverse Avatars deeply increase the user's connection to and affinity for the online experience, as users quickly identify with their avatars and grow attached to them.

CTomorrow's Dynamic NFT Avatars take the concept of PFP NFT to the next level with personalized avatars based on your initial facial scan which evolve over time based on your initial personal attributes, your progress with health and beauty solutions, and the body of knowledge accumulated

---

[31] "A Beginner's Guide to Understanding PFP NFTs" https://medium.com/geekculture/a-beginners-guide-to-understanding-pfp-nfts-8714e9d30d0b

[32] "10 things to know about CryptoPunks, the original NFTs" https://www.christies.com/features/10-things-to-know-about-CryptoPunks-11569-1.aspx?sc_lang=en#:~:text=The%20CryptoPunks%20market%20is%20extremely%20active

[33] "The Future of NFTs: How PFP-Based Projects Took Over the Market" https://www.artnews.com/art-news/news/pfp-nfts-future-market-1234602384/

in the Smart Data Factory and applied to your individual data points. In short, Dynamic NFT Avatars change and improve to reflect your progress.

Each Dynamic NFT Avatar is minted uniquely with singular attributes based exclusively on your own facial scan and data points, creating an NFT which is not only scarce, but exclusive to your characteristics.

CTomorrow's technology brings the standard, static PFP NFT as we knew it not only to life, but to the next level, as the Dynamic NFT Avatar. The Dynamic NFT Avatar stands above the rest in three powerful ways.

First of all, your initial Dynamic NFT Avatar is based on your own facial scan, creating a unique and appealing depiction of your presence in the metaverse which is true to your real world persona from the get-go.

Secondly, your Dynamic NFT Avatar is constantly updating and evolves over time according to your personal data points and engagement with the platform, reflecting your progress in a truly representational way.

Finally, your Dynamic NFT Avatar represents the face of your CTomorrow DID; your passport to a world of third party applications that improve and enhance your health and beauty condition as you both contribute to the Smart Data Factory's body of knowledge and benefit from the algorithm-based analysis thereof.

Features and Functions

CTomorrow offers a personalized NFT avatar service that uses dynamic NFT technology to change appearance over time according to the user's condition and initial data points, contrasted empirically with big data analysis from the CTomorrow Smart Data Factory.

For the user, the process is simple.

1. **Create your avatar with photo scanning technology:** Take a set of pictures which serve as your initial scan and establish your ideal avatar. After your approval, your avatar is minted as a NFT and is ready for the journey.

2. **Design your tomorrow with CTomorrow's data in the metaverse:** Continue to add data points to your profile while following recommendations at your discretion with full control over your own information and avatar parameters, and watch your avatar grow and develop.

3. **Grow and evolve alongside your Dynamic NFT Avatar:** CTomorrow's dynamic NFT introduces the concept of **layering** to the NFT that serves as a notary for a specific digital space, allowing you to continuously nurture your own NFT.

Users can create dynamic NFT avatars using their own accumulated skin data, and can nurture their avatars and communicate with others according to various environmental changes in the metaverse ecosystem.

AI Implementation

Faithfully interpreting facial recognition scans into stylized Dynamic NFT Avatars is a profound and important challenge in the realm of smart digital interpretation and appealing representation of your online persona. CTomorrow's Dynamic NFT Avatar technology builds on and transcends the latest neural style transfer[34] and the recently emergent generative adversarial network (GAN)[35] technologies to innovate an entirely new and most immersive experience in avatar-based engagement. Your Dynamic NFT Avatar is, and always will be, **you** in the metaverse.

CTomorrow DID with DID Implementation

Your Dynamic NFT Avatar is the literal face of your CTomorrow DID within the CTomorrow ecosystem and across third party services.

CTomorrow DID empowers you to keep your identity consistent across platforms, represented by your Dynamic NFT Avatar. Avatar-based DID

---

[34] "Neural style transfer" https://www.tensorflow.org/tutorials/generative/style_transfer
[35] "Generative Adversarial Nets" https://proceedings.neurips.cc/paper/2014/file/5ca3e9b122f61f8f06494c97b1afccf3-Paper.pdf

service, and users can access it as an avatar with a single identity on various metaverse platforms, interactions backed by a consistent set of personalized data informed by the CTomorrow Smart Data Factory
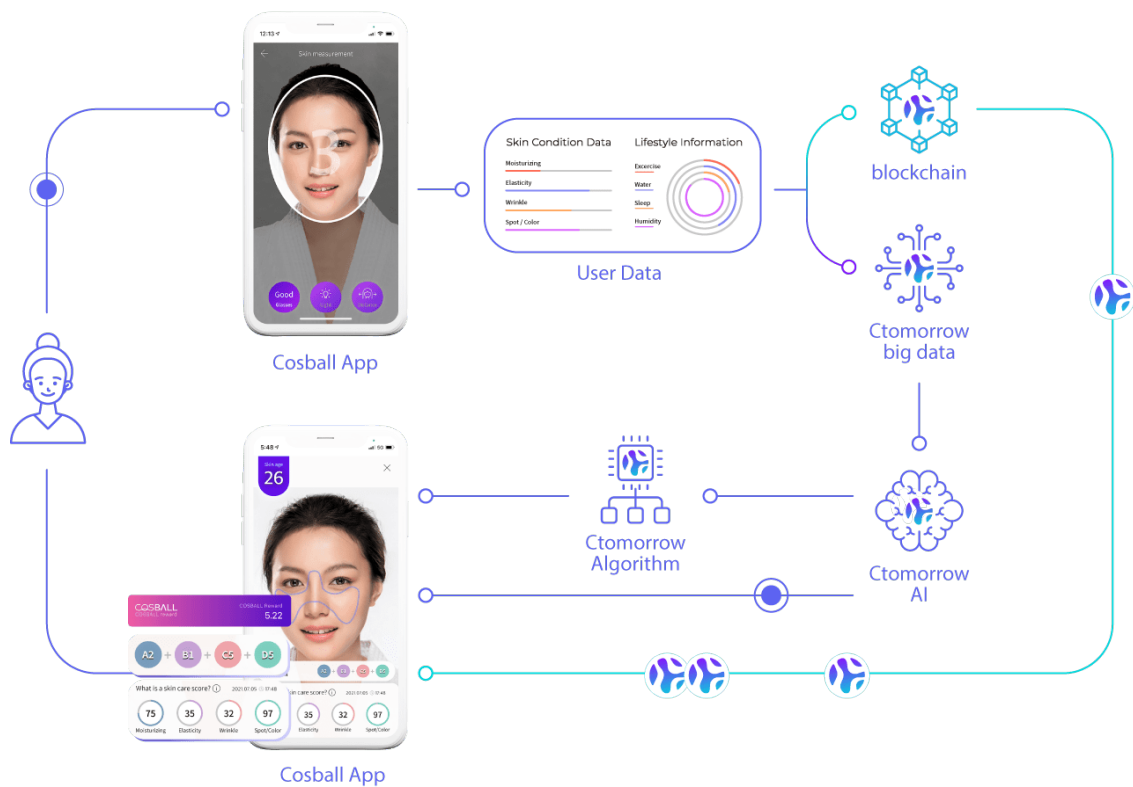
Decentralized identifiers (DIDs) are a new type of identifier that enables verifiable, decentralized digital identity. DIDs are the most promising type of online user authentication, enabling verifiable, decentralized digital identity. As opposed to standard, online user credentials, DIDs have been designed so that they may be decoupled from centralized registries, identity providers, and certificate authorities.

Facebook, as an example of a centralized service, "allows" you to download your online data from their centralized servers where it will always be stored. DID, by contrast, allows you complete ownership over your data, secured over the blockchain and entirely decentralized. Your data is yours, and you have complete control over who has access and to which aspects.

CTomorrow DID is at the crossroads of DID and SSO; CTomorrow DID is your secure space where you have complete ownership of your identity and access credentials, as well as your personal health data and results.

Actualization: Cosball Application

The Cosball application is built on CTomorrow's blockchain network and Smart Data Factory. Users provide data (facial scans and lifestyle surveys) using the application, which is added to the Smart Data Factory, and processed by the CTomorrow algorithm and CTomorrow AI. CTP is used for transactions, and mining rewards are paid out to users for actions which benefit the ecosystem.

The CTomorrow Project created the CTP token to provide rewards for the Smart Data Factory platform. However, CTomorrow and its proprietary CTP

token strive to identify additional real world use cases for its tokens. CTomorrow's collaboration with Cosball is an example of this.

The Cosball application plays an important part in CTomorrow's ecosystem, proving definitively the overall robustness of the CTP token. Users that stake their CTP will receive discounts on Cosball Cosmetics, and eventually users will be able to purchase Cosball Cosmetics with the CTP token. The Cosball application provides the first concrete real world use case of the CTP token; this is in stark contrast to the lack of utility behind the promises of so many projects in today's blockchain space. The Cosball application is just the first example of bringing actual utility to a utility coin, diligently proving the CTP token's authentic value.

Beauty Tech

The worldwide beauty industry is valued at over $532 billion (USD), with the United States, China and Japan as its top three regional market segments.[36] Its CAGR is estimated to be somewhere between 5% - 7%, meaning that at current rates, the industry is headed for a valuation of around $800 billion by 2024.[37]

---

[36] "6 Trends Shaping The Future Of The $532B Beauty Business." 1 Sep. 2019, https://www.forbes.com/sites/pamdanziger/2019/09/01/6-trends-shaping-the-future-of-the-532b-beauty-business/.

[37] ibid

However, the subset of the beauty market that deals with technology is growing at a much faster rate than the industry as a whole. Its CAGR is much higher at around 20%, and is expected to rise to a value of around $166 billion by 2026.[38]

As in other industries, the digital age has completely transformed business models and consumer habits with introduction of beauty applications to the market. Like the fashion industry, the beauty industry is guided by trends more than nearly all other real-world consumer goods sectors.

Brands and retailers have granted consumers a seemingly endless range of products. Mobile devices, platforms and applications have empowered shoppers to find the precise products tailored to their needs. In the short period of time that mobile applications have become ubiquitous, our relationship with technology continues to change how we use it.

More than ever, consumers demand customized products and services tailored to their individual needs. Since 2010, Google searches for "foundation for me" (something, "for me") have grown by over 500%.[39] Mobile devices give us the answer to any request at the tap (or swipe) of a finger. But as these devices have gotten smarter, we now expect them to

---

[38] "CAGR +19.57% of Beauty Devices Market Analysis by Product ...." 10 Feb. 2020, https://www.globenewswire.com/news-release/2020/02/10/1982366/0/en/CAGR-19-57-of-Beauty-Devices-Market-Analysis-by-Product-Type-Usage-End-User-Geography-Application-Drivers-Restraints-and-Forecast-To-2026.html.

[39] 'Google Trends Search Result for "Foundation for me"' https://trends.google.com/trends/explore?date=2010-10-01%202020-10-31&geo=US&q=foundation%20for%20me

understand our unique, individual needs and so a search for "best foundation" becomes "best foundation for me" over time.

Beauty, technology, and science are coming together like never before. Facial-mapping technology first developed for the purposes of security and surveillance has already incorporated facial recognition into the beauty industry, along with image processing from the design world, virtual reality from the gaming industry, as well as 3D printing.

Mobile applications can now serve as personal beauty consultants, where consumers try out products, visualize themselves wearing them in real time and, ultimately, purchase them via the app. As social networks have advanced new trends and celebrities overnight, they've also become the ultimate medium for promoting cosmetic brands, bringing upstart new companies to prosperity almost overnight. Social marketing has become a sales outlet of its own, with hundreds of thousands of users making money online, some enough to make a living, and even thousands becoming millionaires. eCommerce has benefited greatly from gamification, the adoption of methods and elements from the computer gaming industry, and these aspects are increasingly applied in retail and in marketing beauty products. With mobile applications, consumers no longer have to deal with the inconvenience of going to the store or mall, and plenty of businesses have established subscription models, enabling us to place regular orders for everyday products to be delivered to our homes on a

regular schedule. Consumers can also schedule on-demand beauty services or order direct delivery using beauty tech applications.

Skin Care Recommendations

Cosball members use the Cosball app to scan their face to assess their current skin condition. Combined with real time weather reporting, the Cosbal AI tells the user what combination of Cosball products to apply. For example, if the weather is hot and humid, the Cosball combination differs from the result if the weather was cold and dry.

Skin care recommendations are informed and powered by the CTomorrow Smart Data Factory, and tailored to your unique individual data points.

Progress Tracking

By using the app daily, the users can track their progress over time. This helps the users understand what affects their skin health negatively or positively. With the addition of the Cosball Surveys, the user can more accurately track their lifestyle and progress. The more the user scans and provides additional data, the more personalized and accurate the Cosball App will be to the user.
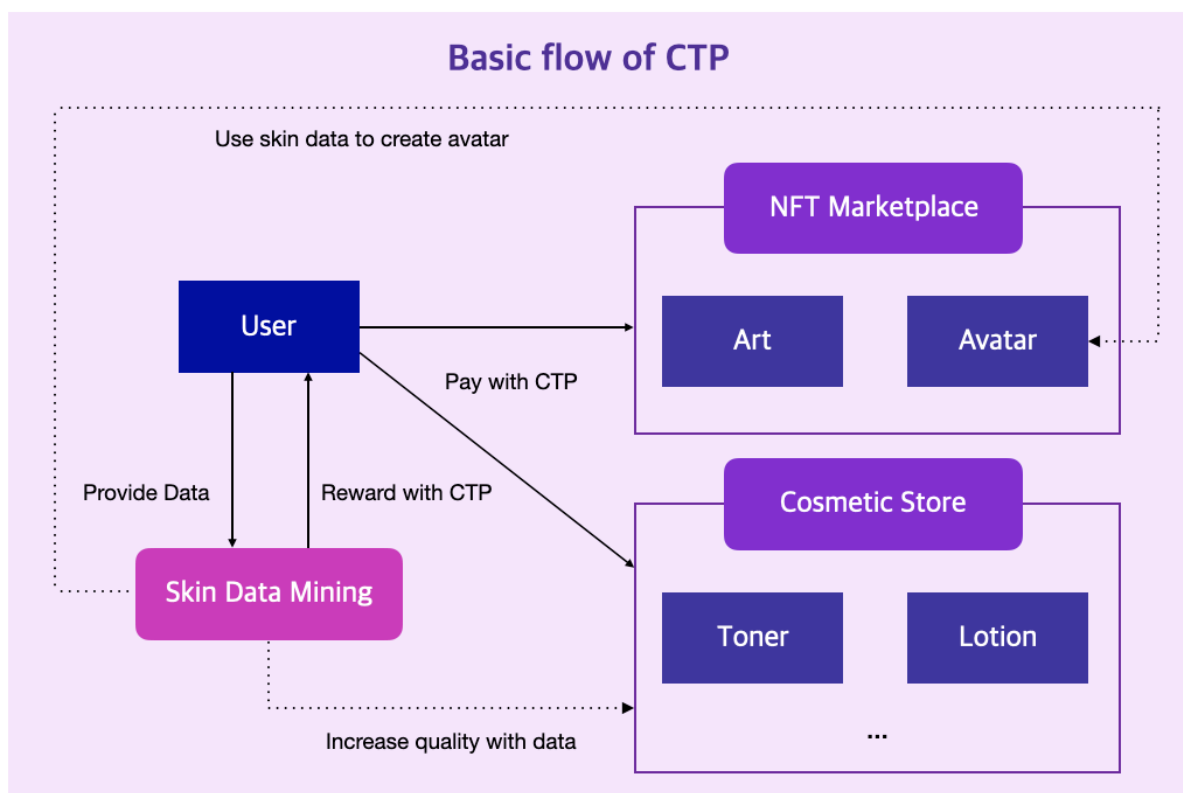
Blockchain

Users can earn rewards for mining and other actions that contribute to the ecosystem, primarily the provision of valuable information (facial scans and lifestyle survey responses) to the CTomorrow Smart Data Factory. Rewards are an important way of recognizing that everyone's data is valuable, and each user's data is beneficial to all other users on the network as well as the network itself.

While the user's private data is used to provide individually tailored recommendations, it is secured and protected over the CTomorrow blockchain network, where personal information behind the data is anonymized.

Using of Token

Project Name	Ctomorrow Platform
Symbol	CTP
Total Token	9,000,000,000
Type	Binance Smart Chain(BSC)

CTP is a medium that induces users to provide data within the Ctomorrow's ecosystem. Users can use the received CTP to pay for products or services provided in the ecosystem or receive additional benefits.

In addition, the provided data is used to create a user's exclusive avatar, and is applied to cosmetic quality improvement and personalization, which serves as a fuel for users participating in the ecosystem to receive improved services.

Currently, we want to start with that structure, and the business expansions listed above will be announced through future updates.

Token Allocation

Total Token: **9,000,000,000**

Category	Percentage	Tokens
Big Data Mining	25.0%	2,250,000,000
Collaboration Partners	14.0%	1,260,000,000
Pre-Sale	9.7%	873,000,000
Foundation	10.0%	900,000,000
Ecosystem Expansion	9.0%	810,000,000
Founders	9.0%	810,000,000
Marketing	8.3%	747,000,000
Team	7.0%	630,000,000
Floating Liquidity	5.0%	450,000,000
Advisors	3.0%	270,000,000
Totals	**100.0%**	**9,000,000,000**

Category	Details
Big Data Mining	Big data mining reward tokens
Collaboration Partners	CTomorrow collaboration partners | Mandatory Staking
Pre-Sale	CTP Pre-Listing Token Sales | Mandatory | Locked
Foundation	CTomorrow Foundation Operation tokens
Ecosystem Expansion	CTomorrow and CTomorrow collaboration ecosystems expansion tokens | Mandatory Staking
Founders	Founder tokens | Mandatory Lock and Staking
Marketing	Airdrop, event, promotional, etc
Team	Team Tokens | Mandatory Lock
Floating Liquidity	IDO, CEX Company liquidity tokens
Advisors	Advisor Tokens | Mandatory Lock

References

"Health tech investment trends | Deloitte Insights." https://www2.deloitte.com/us/en/insights/industry/health-care/health-tech-investment-trends.html.

"mHealth - World Health Organization." https://www.who.int/goe/publications/goe_mhealth_web.pdf.

"JMU - Patients' Perceptions of mHealth Apps: Meta ...." 10 Jul. 2019, https://mhealth.jmir.org/2019/7/e13817/.

"mHealth Market Size, Share - Grand View Research, Inc.." https://www.grandviewresearch.com/industry-analysis/mhealth-market.

"JMU - Patients' Perceptions of mHealth Apps: Meta ...." 10 Jul. 2019, https://mhealth.jmir.org/2019/7/e13817/.

"Wireless health care - When your carpet calls your doctor ...." 8 Apr. 2010, https://www.economist.com/business/2010/04/08/when-your-carpet-calls-your-doctor.

"AI Avatar: In-depth Guide for Businesses [2021]" https://research.aimultiple.com/ai-avatar/

"Mark Cuban-backed Alethea AI is building a metaverse of NFT avatars" https://www.fastcompany.com/90684509/alethea-ai-nft-avatar-metaverse-mark-cuban

"All AI Do Is Win: NVIDIA Research Nabs 'Best in Show' with Digital Avatars at SIGGRAPH" https://blogs.nvidia.com/blog/2021/08/10/siggraph-real-time-live-demo/

"Soul Machines Raises US$40M Series B" https://www.soulmachines.com/2020/01/soul-machines-raises-us40m-series-b/

"Deepbrain boosts AI-powered virtual avatars with $44M raise" https://venturebeat.com/2021/08/09/deepbrain-boosts-ai-powered-virtual-avatars-with-44m-raise/

"Fostering Intrinsic Motivation through Avatar Identification in Digital Games" https://www.researchgate.net/publication/301935505_Fostering_Intrinsic_Motivation_through_Avatar_Identification_in_Digital_Games

"The Effects of Badges and Avatar Identification on Play and Making in Educational Games" https://dl.acm.org/doi/pdf/10.1145/3173574.3174174

"All AI Do Is Win: NVIDIA Research Nabs 'Best in Show' with Digital Avatars at SIGGRAPH" https://blogs.nvidia.com/blog/2021/08/10/siggraph-real-time-live-demo/

"The Proteus Effect: The Effect of Transformed Self-Representation on Behavior" https://academic.oup.com/hcr/article-abstract/33/3/271/4210718

"Avatar characteristics induce users' behavioral conformity with small-to-medium effect sizes: a meta-analysis of the proteus effect" https://www.tandfonline.com/doi/full/10.1080/15213269.2019.1623698

"Virtual Self-Modeling: The Effects of Vicarious Reinforcement and Identification on Exercise Behaviors" https://www.tandfonline.com/doi/abs/10.1080/15213260802669474

"Introducing Avatarification: An Experimental Examination of How Avatars Influence Student Motivation" https://ieeexplore.ieee.org/abstract/document/7427190

"Understanding Avatar Identification through Visual Similarity for Richer Story Creation" https://par.nsf.gov/servlets/purl/10101237

"Market capitalization of transactions globally involving a non-fungible token (NFT) from 2018 to 2020" https://www.statista.com/statistics/1221742/nft-market-capitalization-worldwide/

"NFT Market Hits $2.5B In Six Months" https://www.pymnts.com/cryptocurrency/2021/nft-market-hits-2-5b-in-six-months/

"Sallow Skin: Causes, Remedies, and More - Healthline." 8 Sep. 2017, https://www.healthline.com/health/beauty-skin-care/sallow-skin.

"Biometric facial recognition hardware present in 90% of ...." 7 Jan. 2020, https://www.biometricupdate.com/202001/biometric-facial-recognition-hardware-present-in-90-of-smartphones-by-2024.

"Tech giants may be huge, but nothing matches big data ...." https://www.theguardian.com/technology/2013/aug/23/tech-giants-data.

"A Beginner's Guide to Understanding PFP NFTs" https://medium.com/geekculture/a-beginners-guide-to-understanding-pfp-nfts-8714e9d30d0b

"10 things to know about CryptoPunks, the original NFTs" https://www.christies.com/features/10-things-to-know-about-CryptoPunks-11569-1.aspx?sc_lang=en#:~:text=The%20CryptoPunks%20market%20is%20extremely%20active

"The Future of NFTs: How PFP-Based Projects Took Over the Market" https://www.artnews.com/art-news/news/pfp-nfts-future-market-1234602384/

"Neural style transfer" https://www.tensorflow.org/tutorials/generative/style_transfer

"Generative Adversarial Nets" https://proceedings.neurips.cc/paper/2014/file/5ca3e9b122f61f8f06494c97b1afccf3-Paper.pdf

"6 Trends Shaping The Future Of The $532B Beauty Business." 1 Sep. 2019, https://www.forbes.com/sites/pamdanziger/2019/09/01/6-trends-shaping-the-future-of-the-532b-beauty-business/.

"CAGR +19.57% of Beauty Devices Market Analysis by Product ...." 10 Feb. 2020, https://www.globenewswire.com/news-release/2020/02/10/1982366/0/en/CAGR-19-57-of-Beauty-Devices-Market-Analysis-by-Product-Type-Usage-End-User-Geography-Application-Drivers-Restraints-and-Forecast-To-2026.html.

'Google Trends Search Result for "Foundation for me"' https://trends.google.com/trends/explore?date=2010-10-01%202020-10-31&geo=US&q=foundation%20for%20me

RISK

Before purchasing the **CTP Tokens**, please carefully consider and weigh the risks associated with the **CTP Tokens**.

The risks described below are not an exhaustive list or explanation of all the risks associated with a purchase of the **CTP Tokens** and should be used as reference only. In particular, there may be other risks not presently known to the **Company** or that the **Company** currently deems immaterial which may adversely affect the value or utility of the **CTP Tokens**.

1) Dependence on computer infrastructure

The **Company**, and **CTP Tokens** depend on functioning software applications, computer hardware and the Internet. The **Company** can offer no assurances that a system failure would not adversely affect the use of the **CTP Tokens**.

Despite the **Company's** implementation of reasonable network security measures, its processing center servers are to some measure still vulnerable to computer viruses, physical or electronic break-ins or other disruptions of a similar nature.

Computer viruses, break-ins or other disruptions caused by third parties may result in interruption, delay or suspension of services, which would limit the use of the **CTP Tokens**.

Any failure or suspension of the **Company**'s information technology systems, devices, infrastructure and data could prevent holders of the **CTP Tokens** from benefiting from the utility of the **CTP Tokens**.

2) Smart contract limitations

Smart contract technology is still in its early stages of development, and its application is of an experimental nature. This may carry significant operational, technological, regulatory, reputational and financial risks. Smart contracts can present points of weakness that can be open to attack and there is no assurance that the measures taken by the **Company** will eliminate the risk of attack or that weaknesses could be found.

Consequently, although the audit conducted by independent third party increases the level of security, reliability and accuracy, this audit cannot serve as any form of warranty, including any expressed or implied warranty that the smart contract is fit

for purpose or that it contains no flaws, vulnerabilities or issues which could cause technical problems or the complete loss of **CTP Tokens**.

3) Regulatory risks

Blockchain technology, including but not limited to the issue of the **CTP Tokens**, may be a new concept in some jurisdictions, which may then apply existing regulations or introduce new regulations regarding blockchain technology-based applications, and such regulations may conflict with the current **CTP Token** smart contract setup and **CTP Token** concept. This may result in substantial modifications of the **CTP Token** smart contract, including but not limited to its termination and the loss of the **CTP Tokens** as well as a suspension or termination of all **CTP Token** functions.

Regulation of digital tokens (including the **CTP Tokens**) and token offerings such as the Token Sale, blockchain technologies and cryptocurrency exchanges is evolving, may vary significantly among jurisdictions and is subject to significant uncertainty. Failure by the **Company** to comply with any laws, rules and regulations, some of which may not exist yet or are subject to interpretation and may be subject to change, could result in a variety of adverse consequences. Therefore, there can be no assurance that any new or continuing regulatory scrutiny or initiatives will not have an adverse impact on the utility or value of the **CTP Tokens** or otherwise impede the **Company's** activities.

4) Taxes

The tax characterisation of the **CTP Tokens** is uncertain and prospective purchasers must seek their own tax advice in connection with a purchase of the **CTP Tokens**.

Token holders may be required to pay taxes associated with the transactions involving the **CTP Tokens**. It is the sole responsibility of the token holders to comply with the tax laws of their relevant jurisdictions and pay all required taxes.

5) Force Majeure events

The Token Sale may be interrupted, suspended or delayed due to force majeure events. For the purposes of this White Paper, a force majeure event means acts of nature, wars, armed conflicts, mass civil disorders, industrial actions, epidemics, lockouts, slowdowns, prolonged shortage or other failures of energy supplies or communication service, acts of municipal, state or federal governmental agencies and other acts, events or circumstances beyond the **Company's** control, whether or not in existence at the time of the Token Sale.

Such events could also result in incidents or circumstances that would disrupt the normal operations of the **Company**, which could result in adverse effects on the utility or value of the **CTP Tokens.**

6) Disclosure of information

The **Company** is subject to a variety of continuously evolving and developing laws and regulations regarding privacy, data protection, and data security, including those related to the collection, storage, handling, use, disclosure, transfer, and security of personal data. Significant uncertainty exists as privacy and data protection laws may be interpreted and applied differently from country to country and may create inconsistent or conflicting requirements. The enactment of more restrictive laws, rules, regulations, or future enforcement actions or investigations could impact the **Company** through increased costs or restrictions on its business, and non-compliance could result in regulatory penalties and significant legal liability.

Personal information received from **CTP Token** holders, the information about the number of Tokens owned, the wallet addresses used, and any other relevant information may be disclosed to law enforcement, government officials, and other third parties when the **Company** is required to disclose such information by law, subpoena, or court order. The **Company** shall at no time be held responsible for such information disclosure.

7) Value of CTP Token

The value of **CTP Token** may significantly fluctuate due to various reasons. The **Company** does not guarantee any specific value of the **CTP Tokens** over any specific period of time. The **Company** shall not be held responsible for any change in the value of the **CTP Tokens**.

The price of the **CTP Tokens** may be volatile and fluctuate due to a variety of factors, including the results of the **Company**'s operations and the performance of its business, the success or failure of the **Company** in implementing growth and business strategies, competitive conditions, general market conditions and general economic, political and social factors.

8) Forward-looking statements

This White Paper contains forward-looking statements which are, by their nature subject to substantial risks and uncertainties. The actual results could differ materially from

those anticipated in these forward-looking statements and prospective purchasers should not place any reliance on such statements.

Forward-looking statements reflect the **Company**'s current views with respect to future events and are not a guarantee of future performance. Actual results may differ materially from information contained in the forward-looking statements as a result of a number of factors, many of which are beyond the **Company**'s control. New risks and uncertainties arise from time to time, and it is impossible for the **Company** to predict these events or how they may affect the **Company** or the **CTP Tokens**.