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DISCLAIMER

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All information presented in this publication has been obtained from sources believed to be reliable, up to date, and given in good faith. However, no warranties, guarantees, or representations are made with regard to 100% accuracy of the information presented. No individual is entitled to make an informed decision relying on the content of this whitepaper or any references drawn from it. You are advised to consult your legal, financial, tax, and other professional advisor(s) for decision-making.

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This document can be amended on a regular basis. The strategies and ideas you will read will continue to be added to, revised, and improved as we move forward with the project. You are advised to check the whitepaper regularly for any updates or additions of information.
INTRODUCTION

Blockchain-Based Payments

Blockchain technology has effectively been a solution for problems encountered within society. It is an innovative technology that comes with fascinating components such as embedded cryptography, resilience, and distributed and tamper-proof data. With consumers constantly on the lookout for rapid processing, easy reconciliation, and transparency on payment transactions, blockchain is there to meet all those needs.

Blockchain technology was built around the concept of a public distributed ledger. The ledger makes it possible for the entire network to jointly create, evolve, and keep track of one immutable history of transactions or other successive events. Blockchain can facilitate the movement of data and payments across the globe within seconds and at an affordable cost. The history of any digital asset on the blockchain is transparent and unalterable.

Cryptocurrency Payment Gateways

Cryptocurrency payment gateways enhance payment systems by reducing the number of intermediaries involved in payment transactions. Using blockchain technology, all payments are highly encrypted, making them more secure than traditional online payments.

These payment gateways utilize smart contracts to negotiate and finalize payment agreements between transaction parties. Once an agreement has been established, smart contracts will verify the accuracy of a transaction and expedite it to the correct counterparty. This allows for a high degree of authenticity without the need for human intervention.

Cryptocurrency Payments

The cryptocurrency payment system has found its way in almost every industry, and the medical beauty industry is not an exception. It has proven to be an innovative technology that is already reshaping the landscape of the medical beauty industry specifically dermatology and plastic surgery.

Of late, there has been an increase in medical beauty procedures, rising adoption of medical beauty, and increasing public awareness about medical procedures. The global medical aesthetics market is projected to reach USD 15.9 billion by 2025 from USD 9.4 billion, at a CAGR of 10.9% from 2020 to 2025.
Therefore, traditional payment methods will not be able to sustain the growth and change in the industry. Cryptocurrency will function as a better payment method for users when making payments for medical beauty procedures and treatments.

Medical beauty was previously centered on women, but now the focus has shifted to target a wider audience including men. The availability of technologically advanced & user-friendly products and the increasing demand for aesthetic treatments among men are driving the growth of this market.

With the demand for medical beauty rising to unprecedented levels, cryptocurrency offers opportunities to speed up payments, directly to the suppliers and reduce the costs associated with these transactions.

**Advantages of paying using cryptocurrencies include:**

- **Borderless transactions.** Clients can pay for medical beauty products and treatments in any part of the globe at any time.²

- **Highly-secure payment transactions.** Both medical practitioners, medical beauty clinics, and customers are guaranteed safe payment transactions, avoiding any hacks and cybercrimes.

- **Access to legit dermatology and plastic surgery services.** Many fake doctors have emerged in the medical beauty industry. Through blockchain, consumers are connected to authentic, credible, and certified professional surgeons.

- **A true and fair payment system.** Customers can easily pay for dermatology and plastic surgery procedures without the fear of additional fees on transactions and prices.

- **No middleman and instant transactions.** Customers can easily access diverse aesthetics and medical solutions without the intervention of a middle man and payments can be done instantly.
Asian Medical Beauty Market Environment

The influence of Asia in the medical beauty industry worldwide has greatly improved medical procedures and products after a period of low growth. The Asian medical beauty industry has managed to attract an extremely wide clientele across the globe causing an increase in medical tourism.

The medical beauty market in Asia is projected to witness the highest growth rate in the coming years. Factors such as rising consumer knowledge and interest in procedures, strong local economies, aggressive marketing have led to the rise in medical beauty procedures.

There are currently more than 67 thousand foreign patients at plastic and cosmetic surgery departments in South Korea. An increase from approximately three thousand patients in 2009. Since international patients were allowed in 2009, the number of foreign patients in Korea has increased sharply.

The demand for certain medical beauty procedures continues to increase and crypto payments have become a secure way to access medical beauty products and procedures.

According to market research firm Euromonitor International, South Korea's beauty and personal care market is worth 14.8 trillion Korean won, which makes it the world's 9th largest; the market size of health and beauty stores grew by an annual average of 32.8 percent from 2013 to 2018. Korean medical beauty procedures are known to be the best making them a preferred and leading choice across the globe.

Medical procedures have also gained recognition through live online videos. This includes South Korean-branded cosmetics labels (K-beauty) which have earned popularity, with the rise of the country’s cultural presence, which is termed “Hallyu,” a Chinese term (Korean wave when translated to English). The K-beauty wave continues to attract local and international consumers through various online platforms.
Social Video E-Commerce and Influencer Marketing on Medical Beauty

In 2019, an estimated 2.95 billion people were using social media worldwide, a number projected to increase to almost 3.43 billion in 2023. Social network penetration as of January 2020 stood at 49 percent.\(^5\) Live videos can drive conversions and engagement on various platforms. They also help consumers with knowledge on diverse medical procedures. Patients can benefit from a vast array of medical services ranging from severe diseases to beauty treatments.

As e-commerce and social media converge, influencer marketing has become increasingly vital intermediaries in informing people. As a result, brands are set to spend up to $15 billion on influencer marketing by 2022, per Business Insider Intelligence estimates based on Mediakix data.\(^6\) An influencer has the power to affect the decisions of individuals even in medical beauty due to his or her authority, knowledge, position, or relationship with his or her audience.

Influencers typically have a well-curated network of followers that trust their opinions and relate to their stories. Every social platform attracts influencers to some degree, but Instagram takes the lead standard for the group. Nearly four in five (79 percent) brands predominantly tap Instagram for influencer campaigns, compared with Facebook (46 percent), YouTube (36 percent), Twitter (24 percent), and LinkedIn (12 percent), according to Influencer Marketing Hub.\(^7\)

Existing Platforms for Social Video E-Commerce

South Korean technology startup Grip is a live commerce marketplace that allows individuals to live stream videos to interact with customers.\(^8\) Live streaming of videos helps viewers to select their choice of medical procedures and destinations easily. Through social video e-commerce, South Korea has won the hearts of the majority for medical treatment because of the quality of medical service and the technology available within the country. Through videos, many people are able to know famous destinations where patients can receive quality medical care at substantially lower prices.
**TikTok** is a fast-growing iOS and Android media app that allows users to create and share short mobile videos. Users can upload and share videos up to 15 seconds in length. As of 2020, the platform has 800 million active users worldwide. TikTok is recorded to be in 150 markets and 75 languages, reaching a wider demographic. Though active TikTok users range between 16-24 years of age, the older generation is also getting involved. TikTok influencer marketing campaign is centered around influencers making, sharing, and sometimes live streaming videos that will spread awareness about medical beauty, making it attractive, affordable, and safe. Influencers are able to live stream videos and market medical products to their followers.

With more than 1 billion+ users and 500 million+ daily active users, **Instagram** is an American photo and video sharing social networking service. As of 2020, Instagram has more than 2 million monthly advertisers and 25 million business profiles. Instagram allows people to live stream videos and promote their medical beauty and skin-care products. Instagram is a platform that has changed the way customers interact with products through influencer marketing. Consumers are able to trust medical beauty services instantly while watching a live streaming video about the product. Customers feel that recommendations from influencers are more genuine as compared to celebrity advertisements which feel like a pure digital marketing tactic.

### Medical Beauty Brands on Popular Social Media Platforms

Interactive social media sites like Instagram, Facebook, and Twitter have become a vital component of the medical beauty industry. Millions of consumers are following and searching for information daily on various social platforms. Through these social platforms, users are able to access amounts of information on which plastic surgery and dermatology products and services to access.

Here are a number of popular medical beauty brands that are making their presence known across a number of social media platforms:

**Boots** is a British brand that specializes in creating medical beauty products and other healthy cosmetics. Their stores are classified as pharmacies, and their employees are certified medical experts. You can find that all their products are medically approved and suitable for all skin types. Their products, though medical, are marketed as beauty products and are designed and scented as such.
Etude House is a k-beauty products company. Although their products are catered to beauty, there is a lot of science behind their products. Etude means to study in French. The company tailors its products to work in harmony with different skin types. They have complete packaged sets for skincare routines that work to heal all skin types through all of its layers. Etude House provides total medical beauty attention to your skin from the inside to out.

Lush is a brand that uses only herbal extracts and natural ingredients in its products. They count on nature and its properties to provide tailored medicinal beauty products. More and more companies are coming up with vegan and organic medical beauty solutions. Lush was one of the first with their cruelty-free products.

Lancer Skincare is a skin health-focused, dermatological brand. Its products are solely focused in providing an all-round healthy skincare routine to its customers. Their products keep the skin nourished and moisturized and leaves the user feeling fully cleansed. The brand was created by a renowned dermatologist.

Kaplan MD is another well-known medical beauty provider. Its clinically proven medical beauty methods are created by a medical expert in the field. They provide medical yet organic products. From their serums to their daily skin care regimens, they have also begun to provide other services like lip and neck treatments. Besides the lotions and scrubs, they offer other products as well, ones that will clean the skin directly.

Banobagi Plastic Surgery is a top brand for plastic surgeries in Korea. Their patients highly recommend their services and their staff consists of experts in the field. Certified doctors will analyze their patients needs to provide the most informed solutions. Their recommendations and procedures are professional and unmatched.

JW plastic surgery is well known as a revision surgery specialist in Korea. They provide all kinds of plastic surgery with specialists in the field. Moreover, they also have an anesthesiologist (specialized doctor) to ensure the highest amount of safety for patients. The surgery has lots of foreign patients coming from various countries in the world not only from Asia but also from America JW Plastic Surgery Center Korea has a Specialized System for each of the Plastic Surgery Fields and always consider customers' needs and provide a customized plastic surgery plan.
Dermaflash this brand creates dermatology gadgets such as the Dermapore. Their products are designed to cleanse the skin through all its layers. It will pull out all the dirt and other impurities out of the user’s skin until the skin is light and clear inside and out. They have a wide array of products that will cater to different skin types.

Bioderma is a French owned brand founded in 1977. Their products are focused on the sensitive skin that is the scalp, their products also range from haircare to skincare solutions as well. Renowned for their cell regeneration technology, their products are quite famously used globally.

Mez Pharm is headquartered in Frankfurt, Germany. It specializes in OTC, and prescription creams, ointments and injectables in fields of dermatology, neurology, and metabolic disorders. The company has a broad product portfolio in the cosmetic surgery market. It manufactures and sells a wide range of products and solutions in the field of aesthetic medicine.
EXISTING CONCEPTS

**OpuCoin** is the core utility token used to purchase various brand products and services provided by Opu Labs. Opu utilizes facial recognition technology to connect consumers with dermatologists and, more notably, with medical beauty brands. Opu Labs bills itself as a skin-care start-up that focuses on analyzing different types of skin and pays clients in Bitcoin for the privilege. After the analysis users can buy their preferred beauty products using Opucoin.

In a bid to increase its efficiency and lower costs for salons and clients alike **JOLYY** has introduced crypto payment transactions for hair products and services. The new JOLYY platform allows clients to book appointments, pay for products using its native currency and receive multiple rewards. They will be able to review and recommend products and salons, invite friends, and add new salons, which will give them a certain amount of bonus coins.

**R+CO** has integrated use of Bitcoin payments for their medicinal hair products. Founded by stylists Howard McLaren, Thom Priano, and Garren, the company enables clients to pay in Bitcoin or Bitcoin Cash for their purchased products. R+CO president Dna Langer notes that blockchain technology “will allow consumers the ability to leverage their data and purchase behavior in all kinds of new shopping ways ... from reviews to rewards to product benefits”.

**FoPay** cryptocurrency payment gateway enables fast transactions which are much more affordable than the traditional ones. The payment system allows users to easily spend and store crypto funds, and a built-in exchange helps them to convert crypto to fiat. Customers can purchase goods and services directly from the merchant with no third party involved.
EXECUTIVE SUMMARY

This document presents the idea, technology, use cases and roadmap of Doctors Coin (DRS) and its blockchain-based video commerce platform, BeauBang.

DRS is the native digital asset of the BeauBang platform. BeauBang depends mainly on Doctors Coin (DRS) to fund its economy, secure stability of operations, and compensate all ecosystem participants for their contributions. DRS will initially be an ERC20 token, being built on top of the Ethereum blockchain and functioning as a utility asset and a store of value. It can be traded and exchanged with other cryptocurrencies as soon as it’s listed on crypto exchanges.

BeauBang has implemented a number of standard and novel protocols to ensure platform efficiency. This document will illustrate how influencers, brands, medical beauty enthusiasts, and business partners can take advantage of the DRS technology. In a nutshell, BeauBang will be a social video network where influencers and medical beauty enthusiasts can promote and create bonds among brands and consumers. The platform will allow DRS to be utilized in payments and other premium offers found in the BeauBang platform. This opens up great opportunities for influencers and business partners to increase their followers and buyers in the network.

In the final part of the document, the roadmap is stated. This will provide a comprehensive direction of what DRS is set to achieve and how it will provide benefits to all its platform users and business partners.
MARKET OVERVIEW

Medical Beauty Industry: Market Value and Use Cases

The cosmetic surgery industry is growing faster than ever before. According to Statista, the global value of the cosmetic surgery market saw around 10 billion procedures in 2019. It is a multi-billion dollar industry and is forecasted to grow increasingly over the next few years. The medical beauty industry is expected to drive more demand in the future.\(^\text{12}\)

Top 10 surgical cosmetic procedures worldwide in 2019

![Bar chart showing the top 10 surgical cosmetic procedures worldwide in 2019.](chart)

Source: Statista

Moreover, based on a survey conducted by the retail analytics firm Edited uncovered that the skincare industry is becoming increasingly dominated by millennials who are willing to spend on good quality products. The purchases are mainly affected by good product reviews and endorsements by social media influencers and beauty enthusiasts.
Statista also revealed in 2019 that the number of blockchain wallets reached over 42 million. This study indicates that the number of people using these blockchain wallets has been rapidly growing and shows no sign of stopping. Furthermore, blockchain technology has the potential to securely transmit payments that resulted in increasing the number of digital wallet users.
In line with the blockchain wallet usage, selling and making a purchase online is also in excellent standing. Statistica found out that the total transaction value in the digital payments segment estimates to $5,440,455 in 2021. The said sector is expected to show an annual rate (CAGR from 2020 to 2023) of 12 percent, which is about $6,699,201 by 2023.

Online payments integrated with blockchain technology provide greater security and permit anyone globally to send and receive payments in a matter of minutes at lower transaction costs. What is more, blockchain protects all transactors from double-spending since all transaction details are stored in a decentralized ledger protected by advanced cryptography.
Social Video: Global E-Commerce Size and Sales

Over the years, technology has modernized our world and the way we live our daily lives. Technology has created great tools and resources, putting all useful information at our fingertips. With all these revolutions, technology has made our lives easier, faster, and better. E-commerce is probably one of the industries where this has been most noticeable.

In line with the e-commerce revolution, social video is one of the things that change the way people market their products. People nowadays can easily sell and promote things like medical beauty products, brands, and other stuff via social media and conveniently buy items online.

Based on the survey conducted by Oberlo in 2019, the global e-commerce size is forecasted to reach $3.535 trillion, marking a 20.7 percent increase from the previous year. China, as the world’s largest e-commerce market, continues to hold more than half of the e-commerce sales worldwide. Its $1.934-trillion e-commerce market value represents a whopping 54.7 percent of the total global e-commerce sales.\textsuperscript{13}

![Ecommerce sales by country in 2019](Image)

In conclusion, worldwide e-commerce is making billions of dollars every year. People nowadays can easily buy and sell items online at the tip of their fingers, thanks to technology.
With technological advancements that we have now, sales can happen anytime, anywhere, and in the fastest way possible. According to a research conducted by Harvard MBA graduate Alessia Vettese, out of 520 women who are specifically big fans of beauty products, 62 percent follow beauty influencers in social media, while 44 percent follow company reviews.¹⁴

Doctors Coin integrates blockchain technology in its system that makes the promotion and selling of products secure and easy for influencers and beauty enthusiasts. It also breaks the limitations of selling and buying of products locally and overseas with the help of DRS. This can mean a significant improvement in the quality of promotion, selling and buying of products online for the different medical beauty companies in the e-commerce industry.
TECHNOLOGY

This section explains the technology used for Doctors Coin (DRS) and its underlying BeauBang platform. Each aspect will be discussed separately in their respective sections.

Platform Overview

Doctors Coin (DRS) is a cryptocurrency developed for the medical beauty industry. Created via Ethereum smart contracts, DRS is an ERC20 token that functions as a utility asset. It is used for different purposes, which include beauty product purchases, transaction fee payments, advertisement viewership rewards, and more.

DRS will have monetary value once it has been listed on cryptocurrency exchanges. Once this happens, it can be traded to different fiat and digital currencies.

DRS was developed with the BeauBang platform in mind.

BeauBang is an innovative social media platform that is dedicated to medical beauty products. Brands and shops can utilize the platform to sell their products, while beauty enthusiasts can buy their beauty necessities through the platform. Influencers can also create live videos to advertise certain medical beauty products.

BeauBang was developed for the purpose of eliminating unreasonable fees for medical beauty product purchases. For this reason, it is promoting a zero-fee system for transactions that use DRS token as payment. Platform creators also believe that this new social media platform will expedite seller and user interaction and transaction.

BeauBang uses blockchain technology, particularly smart contracts, cryptocurrency, and its novel XPC protocol to facilitate fiat and cryptocurrency for product purchases.

Doctors Coin (DRS)

Doctors Coin (DRS) was created via an Ethereum smart contract. It follows the ERC20 token standard. All information are stored on a public blockchain for transaction stability and transparency.

DRS uses the Keccak-256 algorithm, which will help keep DRS protected against brute force attacks. It also implements OpenSSL ecparam command to generate an elliptic curve private key. Following the Ethereum standard, DRS uses the Secp256k1 curve.
The diagram above shows how transactions will be carried out with Doctors Coin. Alongside DRS, which is the platform’s recommended payment option, medical beauty enthusiasts can pay for products through fiat money and major cryptocurrencies like BTC and ETH, with more to be added in the future. These payments undergo Know-Your-Customer (KYC) and Anti-Money Laundering (AML) procedures to ensure compliance with applicable laws.

Instead of going to a centralized server or through a mediator, Doctors Coin allows the processing of payments through its decentralized server in the BeauBang platform. This uses smart contracts and the novel XPC protocol designed by the DRS team.

Doctors Coin is also designed to support transactions that happen between customer-to-customer (C2C), business-to-customer (B2C), and business-to-business (B2B) interactions.
Doctors Coin Architecture

As stated above, Doctors Coin is an ERC20 token that functions as a utility asset and a store of value. It is used to improve the structure of P2P transactions, whether it be B2C, B2B, or C2C. It will usher in an improved beauty e-commerce culture due to decentralized advertising through social interactions and influencer videos.

There are 10 billion DRS in total supply, all of which have already been pre-mined. The DRS team will be conducting a private sale and a public sale of the token, which will happen on separate dates. More information about this can be found in the succeeding section.

The DRS team will be applying for token listing on selected cryptocurrency exchanges, and will apply for more in the future when the need arises. More information regarding the DRS token listing timeline can be found on the DRS Roadmap section, as well as on the DRS official website.

As an ERC20 token, DRS has similar specifications as other tokens that fall under the said category. Currently, the DRS team has decided to use the Ethereum blockchain and make modifications to accommodate the BeauBang platform and DRS blockchain requirements. When the need for a mainnet creation arises in the future, the DRS team will be moving the DRS token to its own mainnet. As such, codes shown below will be changed.

In the meantime, please refer below for the smart contract codes behind the DRS token. Texts inside the brackets determine the functionality of each specification.
<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>totalSupply()</code> public view returns (uint256 totalSupply)</td>
<td>Get the total token supply</td>
</tr>
<tr>
<td><code>balanceOf(address _owner) public view returns (uint256 balance)</code></td>
<td>Get the account balance of another account with address._owner</td>
</tr>
<tr>
<td><code>transfer(address _to, uint256 _value) public returns (bool success)</code></td>
<td>Send _value amount of tokens to address._to</td>
</tr>
<tr>
<td><code>transferFrom(address _from, address _to, uint256 _value) public returns (bool success)</code></td>
<td>Send _value amount of tokens from address._from to address._to</td>
</tr>
<tr>
<td><code>approve(address _spender, uint256 _value) public returns (bool success)</code></td>
<td>Allow _spender to withdraw from your account, multiple times, up to the _value amount. If this function is called again it overwrites the current allowance with _value</td>
</tr>
<tr>
<td><code>allowance(address _owner, address _spender) public view returns (uint256 remaining)</code></td>
<td>Returns the amount which _spender is still allowed to withdraw from _owner</td>
</tr>
</tbody>
</table>

Moreover, DRS has additional functions for it to be feasible for peer-to-peer (P2P) transactions.

Please refer below for the specifics

function Transfer(address indexed from, address indexed to, uint256 value);
function Burn(address indexed from, uint256 value);
function _approve(address owner, address _spender, uint256 amount)
function burnFrom(address Account, uint256 _value) public returns (bool success)
function transferFrom(address _from, address _to, uint256 _value) public returns (bool success)
function approve(address _spender, uint256 _value)
function approveAndCall(address _spender, uint256 _value, bytes memory _extra-Data)
function allowance(address _owner, address _spender)
function UserLock(address Account, bool mode)
function LockTokens(address Account, uint256 amount)
function UnLockTokens(address Account)
DRS also implements the Elliptic Curve Digital Signature Algorithm (ECDSA) for public-key cryptography. This provides convenience due to smaller key lengths, even though it provides roughly the same level of security. DRS users will not have to worry about giving away their private keys to others when their public keys are exposed because of this algorithm.

The ERC20 token standard enables DRS token to function just as any conventional cryptocurrency. With the functions given above, DRS can be effectively used as a means of payment for P2P beauty product purchases, especially once it has been listed on various cryptocurrency exchanges.

**Doctors Coin Features**

Doctors Coin has a number of features that will help users make fast P2P transactions for medical beauty product purchases. It can also be preferred for other medical beauty-related activities for medical beauty enthusiasts.

**Social Video E-Commerce**

Doctors Coin will be used for BeauBang, which is being developed as the world's first social video e-commerce platform. The medical beauty shoppers, popular and emerging brands, and influencers can benefit from live streams and video advertisements.

**Fiat-to-Crypto Conversion**

Doctors Coin can be traded against fiat denominations and major cryptocurrencies like BTC and ETH. This will be made possible through cryptocurrency exchange listings on some of the most notable platforms today, which the DRS team expects to happen anytime soon. DRS will be continuously reaching out to exchanges for more token listings.

**Doctors Payment Gateway**

Doctors Coin will be integrated into DRS Wallet, the recommended payment platform for fiat and cryptocurrency. DRS Wallet is being developed as a cryptocurrency storage platform for DRS. This will empower medical beauty brands and boutiques to sell their products. They can also convert a portion of their revenues to reward influencers who will promote their businesses.
**Doctors Blockchain**

Doctors Coin uses blockchain technology, particularly smart contracts and its novel XPC protocol, to facilitate seamless peer-to-peer (P2P) medical beauty product purchases. Transactions that occur are stored via blockchain to maintain data immutability. DRS’s blockchain is initially based on Ethereum.

**BeauBang**

BeauBang is the ecosystem’s flagship platform. It functions as a social video e-commerce platform wherein sellers, advertisers, and buyers come together for the purpose of buying the medical beauty products at affordable prices.

The diagram above shows the technical structure of the BeauBang platform. Buyers may use BeauBang for purchasing medical beauty products. As the platform accepts DRS token for transactions, buyers can receive the said asset in exchange for their fiat money or other major cryptocurrencies. This is processed on the DRS blockchain via smart contracts. On the other hand, sellers can advertise and sell their products through the platform. They can make live video streams and upload video advertisements with cheap fees.
Due to BeauBang’s versatility, all platform users can conduct various transaction types, including C2C, B2C, and B2B. Buyers can interact with the sellers and advertisers through the platform without any middlemen. Influencers can also use the platform to grow their fanbase and earn commissions from sales of their partner brands and shops.

Based from Ethereum, BeauBang has modified a number of functionalities for its blockchain. These will help it prevent any server overload in case of many transactions that occur at the same time. All transaction information will be stored in DRS’s public blockchain that is linked to the BeauBang platform for real-time transmission and smart contract processing. This will ensure transparency and stability for all transactions that will be happening within the platform.

BeauBang uses the AIRA-256 algorithm, which is widely regarded as the South Korean public sector standard, and the AES-256 algorithm. These will be used for all encryption and decoding that occur within the platform. These algorithms will function alongside the XPC protocol.
ECOSYSTEM

Every platform needs to have a profitable means for it to thrive and sustain its operations. The same can be said about Doctors Coin. Its ecosystem is composed of various players, even though they can be grouped into three major parts: sellers, buyers, and advertisers. All can reap benefits from Doctors Coin and its underlying BeauBang platform as they contribute to the life of its ecosystem.

The diagram above shows the benefits of Doctors Coin for all ecosystem participants. Doctors Coin will be the oil to keep its platform’s engines running through coin sales, market gain after new exchange listings, ad revenues, and transaction fees.

Sellers that accept DRS for payments can enjoy zero fees for their transactions. With the absence of middlemen, they can offer their medical beauty products at a lower price. Given that the platform is versatile, they can serve cryptocurrency users as well as fiat customers. Moreover, they can utilize the platform to advertise their products for inexpensive fees.
Doctors Coin offers a number of benefits to users who will buy medical beauty products through its platform.

A. Firstly, DRS functions just like cash within the ecosystem. It can be a cheaper alternative for making online purchases for medical beauty products.

B. Secondly, DRS can be accumulated and used as mileage for telco and credit cards.

C. Thirdly, users can watch video advertisements and earn DRS as rewards.

D. Fourthly, the platform enables users to store and use other cryptocurrencies aside from DRS.

E. Finally, because BeauBang can allow middleman-free transactions, buyers can enjoy cheaper product and transaction prices, enabling them to get more for less.

Advertisers can also see BeauBang as the new medium for promoting product brands and medical beauty shops. Ads they run on the BeauBang platform will be cost-efficient, as they will only be charged based solely on the ad views. They can also benefit in terms of market research because of new user information from users who watch their ads. Moreover, they can attract both fiat and cryptocurrency users since BeauBang caters to both currency types.

Token Economy

As stated in the previous section, Doctors Coin (DRS) is the chief asset used to fund its platform’s economy and compensate all ecosystem participants for their contributions. It can also be used by advertisers as reward for users who will be viewing their video advertisements.

While the platform allows the use of fiat money and other cryptocurrencies, DRS is highly endorsed as the priority asset. Please check the graph on the next page to see how DRS users can enjoy the benefits of the platform’s native asset.
This diagram compares payments made through DRS and through other shopping platforms. Users that pay with fiat money on traditional payment gateways will have to deal with other cumbersome factors that can be eliminated if they pay with DRS through the BeauBang platform.

One example is that they have to pay for exchange fees and other transaction fees required by other payment portals, especially for overseas payments. As there will be a number of intermediaries that facilitate the transaction, users can expect more fees.

DRS eliminates the need for intermediaries because payments will be completely done in a peer-to-peer (P2P) manner. Buyers can approach the sellers directly and transfer payments from wallet to wallet, thus enabling cheaper prices and payments due to fewer people taking their share in the transaction.

Aside from transaction fees, there can also be overhead expenses which may be inevitable especially for overseas purchases. This can be mitigated by blockchain technology. Supply chain management can become easier as blockchain can allow seamless and decentralized item tracking.

Finally, DRS can allow immediate and borderless payments. Unlike traditional payment portals, blockchain uses a decentralized database, guaranteeing transaction data integrity.
Of the 10 billion total supply of DRS, 5,000,000,000 (50%) will be allocated to the company. This is to make sure that the DRS team will be able to maintain consensus within the ecosystem. If more than 50% of the total supply falls to a malicious entity, this can have negative and possibly fatal consequences.

A total of 2,000,000,000 DRS (20%) will be made available for purchase via public sale. The team encourages all interested individuals to take advantage of this opportunity to get DRS tokens as it is expected to increase in price once it has been listed on exchanges and when the BeauBang platform has been launched. DRS will announce the date for the public sale through its official social media accounts.

Doctors Coin will also offer 1,000,000,000 DRS (10%) exclusively to selected individuals and companies through a private sale. These entities are specifically chosen by the DRS team for their valuable connections to the medical beauty industry.

To compensate the founders for their contributions to the DRS ecosystem, they will be rewarded with 1,000,000,000 DRS (10%) for their pioneering efforts.
The remaining 1,000,000,000 DRS (10%) will be used for the marketing efforts of the DRS team to ensure the mass adoption of the token as soon as it is launched.

**DRS Fund Allocation**

The chart below describes how the DRS team will allocate the funds that it will receive from sales or investments. These funds are different from the token allocation above.

Funds raised by the DRS team through sales and investments will be appropriated for the following: Reserve (30%), making sure that the token economy will remain afloat regardless of any market changes in the future; Development expenses (25%), for the creation of the BeauBang platform; Marketing (20%), to get people to know Doctors Coin and its partner medical beauty and tech companies; Operations (15%), to ensure the team will be able to sustain its operations and other possible overhead expenses; and the remaining 10% for Business Partnerships.

**Consensus Protocol**

Doctors Coin will implement the Proof-of-Work (PoW) protocol for consensus.

Although it is considered obsolete by some, PoW still does a better job of maintaining blockchain data security compared to other popular alternatives. The team believes that PoW will not make the blockchain struggle in terms of scalability as of this moment. In the future, if the DRS community grows even further and if the need arises, the team will look for a way to handle the transaction load.
The DRS team believes that PoW is the best option for ecosystem security. It solves the Byzantine Generals’ Problem with ease, which it has already proven for over a decade. Because of this, major cryptocurrency-based blockchains like Bitcoin and Litecoin do not have to worry about malicious attacks such as 51% attack and distributed denial-of-service (DDoS) attack.

PoW can also be beneficial for early supporters of DRS, especially those who will be helping to secure the network against the aforementioned attacks and create a profitable system. DRS places a high value on those who are willing to invest in the project in its early stages, that is why the team is pushing through with PoW.

Aside from those mentioned above, the DRS team believes that PoW will offer objectivity and clarity to all participants in case that the DRS ecosystem grows exponentially in users and participants. For challenges in consensus, members can objectively follow the proper chain without having to ask for the opinion of any third party. Furthermore, those nodes that have strayed can easily return to the proper chain.
ROADMAP

2020  JANUARY - LAUNCH BEAUBANG

Doctors Coin officially launches its medical beauty platform, BeauBang in Korea. It aims to create bonds among brands and consumers. We will connect consumers to brands through different programs involving influencers within the medical beauty platform. With this, the platform will grow exponentially and realize its potential.

2021  JANUARY - LIST DOCTORS COIN

In order to maximize the market value of Doctors Coin and enhance its brand awareness, Doctors Coin lists its token on multiple global renowned cryptocurrency exchanges. This will allow more people to have access to DRS through the top exchanges. This will also attract more traders to purchase Doctors Coin.

2021  JULY - IMPROVE BEAUBANG PLATFORM

Doctors Coin will improve the services for BeauBang which will be a total medical beauty platform that not only provides skincare services but also offers a broad spectrum of medical beauty services like dermatology, plastic surgery and so on. BeauBang will also make its presence in the South east Asian markets.

2022  JANUARY - EXPAND DOCTORS COIN

Doctors Coin will expand its medical beauty platform services to various other markets around the globe. Also, to provide the best transaction services and user experiences, Doctors Coin will start developing its own mainnet. This will increase the capabilities of the blockchain to help us accomplish all our goals.
2022 JULY - DEVELOP OUR MAINNET

Doctors Coin will finish developing its mainnet system and will begin incorporating it with Doctors Coin and BeauBang. With the upgrade, the elements within the Doctors Coin ecosystem will have a powerful supporting technology that will allow more flexibility and increased efficiency in its processes and transactions.
PARTNERSHIPS

Doctors Coin has established partnerships and alliances with notable companies and startups both locally and internationally. These companies benefit from DRS’s blockchain implementation to help them provide better products and services to their customers.

Alliances

So Young International

So Young International is the biggest cosmetic surgery matching service in China. It focuses on offering reliable media content, a social community, and online reservations for cosmetic surgery. It has more than 25 million members that have reviews on cosmetic surgery. It also provides transparency on medical aesthetic treatment details, making it the best option in China. The company is listed on Nasdaq with a $1.5 billion market cap. So Young will work with DRS to promote the products and services of hospitals and medical companies.

Jingdong

Jingdong (JD.com) is one of the largest online retailers in China. It is listed at the NASDAQ100 and Fortune Global 500 companies. JD.com is known to be the second most popular online shopping site in China and the world’s third-biggest internet company according to Forbes. It has a reported market revenue of $21 billion with over 320 million shoppers. As one of the massive B2C retailers in Asia, JD.com has also delved into technological advancements like AI. With DRS’s partnership with Jingdong, the project can expand and benefit from the country’s estimated $1.4 billion market value.

Elamachain

Elamachain Foundation Ltd. is a blockchain company that was launched in 2017. The organization grew as an official cooperation in 2018, expanding its services to China, Britain, and the United States. Elamachain’s platform integrates blockchain and artificial intelligence (AI) together to meet the needs of users and businesses. With DRS’s partnership with Elamachain, the project can deliver secure and fast transactions for users.
Vands Clinic

Vands Clinic is a medical beauty clinic based in South Korea. The clinic is dedicated to providing cutting-edge medical beauty and cosmetic procedures for their patients. Specifically, the company offers dermatological services and procedures. These include medical treatments such as botox, filler, lifting, and more. Their services also include laser, skin injections, and solutions for obesity. The clinic aims to provide the best to their clients, and they believe that partnering with DRS is an amazing opportunity to utilize blockchain for the beauty industry.

Dr. Jangskin

Dr. Jangskin is a South Korean medical company that explores the potential of stem cells for various cosmetic treatments. Specifically, it focuses on stem cell treatment development, clinical experiments, and stem cell-based cosmetics manufacturing and distribution. It partners with various universities such as Konkuk University, Sookmyung University, and Busan University. DRS will provide a cryptocurrency-based payment process to assist the company in its sales.

Alongside this, DRS will make Dr. Jangskin's products and services available via the BeauBang platform, along with shopping mall integration, to promote sales.

The Coder

The Coder is a South Korean software startup that specializes in data insertion on any surface, be it an object or even sounds. These data are invisible to the naked eye, and can only be scanned using a mobile app to reveal the content. Users can be assured of data privacy and protection while using The Coder’s unique Image Coding and Sound Coding technologies.
N.CAT

N.Cat is a Korean fashion accessory brand established in 1991. Also known as Naughty Cat, the brand strives to provide top-quality products to their customers at affordable prices. They function on a transparent management and share a portion of their profits to social causes. N.Cat is recognised as a leading fashion brand in its field. Its products have led to new trends and they work to make every possible accessory available to their customers.

Aladdin MC

Aladdin is a fintech company that aims to deliver advanced, security-enhanced, and convenient digital wallets for cryptocurrencies. The company has developed a non-custodial wallet (Aladdin Wallet), a decentralized wallet with integrated custody control (Aladdin Pro), and a custom-built custodial wallet (Aladdin Plus). All wallets incorporate multi-asset support, top-level security layers, and high-throughput transactions.

TNC IT Group

TNC IT Group is an international blockchain development company that focuses on growing an extensive network of innovative partners and providing blockchain solutions and technical consultancy at an enterprise-level around the world. Led by CEO and Founder Ethan Lee, TNC’s primary services include blockchain consulting, a pool of blockchain developers, and mergers and acquisitions (M&A) opportunities.

Real Research

Real Research is a blockchain-powered survey application. It offers a secure environment that works to help the research and marketing industry meet its business needs. The platform allows brands to create and deploy their own surveys to collect niche, accurate, and valuable data. By using smart contracts on the network, Real Research comes with a secure, reliable, and highly efficient ecosystem. Companies can access fresh, unmanipulated data from a selected pool of preferred demographics.
TNC Consulting Services and Solutions

TNC Consulting Services and Solutions offer the best services for blockchain and cryptocurrency demands. The brand has been in the market for over two years now and hosts over 300 employees, 100 partners, and offers over 100 premium services. As professional consultants, the team will first meet with clients and conduct a thorough project assessment. Once this is carried out, the team will begin to cater to the clients every need as requested.

Tokenncoin

Tokenncoin is a one-stop cryptocurrency market portal that seeks to provide the latest cryptocurrency market performance. Live crypto and exchange rankings, crypto news, upcoming and ongoing ICOs, and international blockchain and crypto-related events can be accessed on this platform. It is also available for Android and Apple users for a more convenient and on-the-go crypto monitoring experience for all types of traders and enthusiasts.

Code X

Code X is a tech development company that focuses on application, web, and blockchain. Its team is composed of innovation-savvy individuals that have years of experience developing platforms in the said areas. They are one of the valued partners of DRS in terms of blockchain and cryptocurrency integration for the medical beauty industry.

Coinhills

Coinhills is a Korean based company founded in 2014. It is a one-stop platform where users have quick and easy access to the network of cryptocurrencies and Bitcoin. The network provides real-time prices and indexes of digital currencies based on bitcoin via user-friendly access. It endeavors to popularize the Bitcoin and cryptocurrency network in people’s daily lives. Led by Bitcoin, the Cryptocurrency network has been rapidly growing over the past years.
CoinGecko

CoinGecko is a credible cryptocurrency ranking and information data website. It provides real time information on cryptocurrency prices, market overview, and analysis such as crypto market cap, trading volume, and more. In addition to tracking price, volume and market capitalization, CoinGecko tracks community growth, open-source code development, major events and on-chain metrics. It is one of the world’s leading cryptocurrency data aggregators.

CoinMarketCap

CoinMarketCap is a price tracking website for cryptocurrencies. It is a US company registered in the United States of America. The cryptocurrency data platform offers up to date cryptocurrency prices to assist its users in ranking their digital currencies. Also, it provides current and historic data for BTC and other multiple altcoins. In addition to providing crypto prices, the website also gives access to market cap & rank, prices, exchange volumes, and currency conversion.
Meet The Team

Jung Il Moon  
Chairman

Jung Il served as Director at Cheil Worldwide, Samsung’s marketing agency and he was an Executive Director at KTB Net, a listed investment firm. He was also a professor for the department of advertising at Hong-Ik University, Korea.

Jiyeon Jang  
Coo

Mr. Jang is a Ph.D. graduate from Kyung Hee University who currently serves as Chairman for Vands Clinic. He is also the Founder/Chairman of International Society of Stem Cell. He also wrote lots of industry respected publications.
Dimitri Lyah
Blockchain Developer

Dimitri is a tech-savvy blockchain developer that has extensive experience in handling decentralized projects. With a strong knowledge of cryptography, algorithms, and data structures, he is responsible for maintaining DRS’s network operations.

Chuyen Nguyen
Staff

Chuyen is the Co-Founder of Moon E-Sports Franchise. He has hands-on work experience at various enterprises including Namu Accounting Corp and Viet Nam Lotte Department Store. As a tech enthusiast, he has an interest in blockchain and crypto projects.
Kyu C. Lee
Advisor

Mr. Lee is a CEO and Producer at Kino33 Entertainment, based in the US and Korea. He also holds a C-level position at SONICTIER. He is an International Marketing and Production Executive, with a decade of experience with Sony Pictures Entertainment.

Yeon Ju Lee
Advisor

With a Ph.D. degree from the Graduate School of Medicine at KeiMyung University, Dr. Lee is the Director of The All Medical Hub, a beauty and healthcare provider. She is also the Academic Planning Director at the Korean Society of Beauty and Science.
Hae Young Lee
Advisor

Graduated from Catholic Medical University, Dr. Lee is the Chief Doctor of IAN Cosmetic Clinic. With his expertise in healthcare, anti-aging, and plastic surgery, he holds the position of President at the Korean Society of Aesthetic Surgery (KSAS).

Leo Lee
Advisor

Mr. Lee is the CEO of NewRank Korea and Chairman of the Korea Commerce Association. With his leadership and entrepreneurial prowess, he is also an esteemed Partner at NewRank Group as well as an Advisor to the ‘Smart Plus’ platform of China Telecom.
PRIVACY POLICY

CHARI TECH SDN. BHD (“Us”, “We”, or “Our”) operates the Doctors Coin website and the BeauBang platform (“Services”).

The details below will inform you of our policies regarding the use, collection, and disclosure of personal details when you use our Services.

We will protect your data privacy, and we will not share your personal details with any third-party agency unless compelled to do so, and if deemed necessary by law.

Should you not agree with our policy, we highly suggest that you refrain from using our Services. Otherwise, supplying your personal details means that you agree and comply with our privacy policy entirely.

For the benefit of those who are living in countries that are under the European Economic Area (EEA), we made our policy agreeing with the provisions in the General Data Protection Regulation (GDPR).

Data Collection

We will collect data pertaining to your usage of our Services. Data collected is used for administrative purposes, to operate the platform effectively, and to provide you with the best experiences on our website. We will take the responsibility of protecting your personal data seriously. We will never use your data to make a profit in any way by giving or sharing it with third party organizations and companies affiliated with our Services.

Service Providers

We may hire third-party companies and individuals to perform services or assist us in analyzing how our Services are used. These third-party hired by our team may be granted access to your accounts only to perform duties on our behalf and are compelled not to disclose or use it for any other purpose.

General Data Protection Regulation

If you are living in a country located within the European Economic Area (EEA), we respect your right for the following, as specified in the General Data Protection Regulation:
• the right to be informed;
• the right to access;
• the right to rectification;
• the right to restrict processing;
• the right to data portability;
• the right to object; and,
• the rights in relation to automated decision making and profiling

Cookies

We use cookies to improve, analyze, and keep track of our Services. You can either select to remove or reject cookies; however, some Services may become dysfunctional if you do so.

Children’s Privacy

Our Services are not recommended to be utilized by any person who is below 18 years of age. If you know someone who uses our Services below the age of 18, please let us know so that we may perform appropriate actions.

Amendments to This Privacy Policy

The privacy policy is subject to amendments at any given time without prior notice. We advise that you regularly visit our page and read the privacy policy regularly for any changes. Changes are immediately effective once posted.

Contact Us

For any questions and concerns regarding this privacy policy, please contact us.
REFERENCES


8. The Investor: Grip article http://www.theinvestor.co.kr/view.php?ud=201907300000596


12. Edited: What the $532bn beauty industry looks like in 2019

13. Oberlo: Ecommerce Sales by Country in 2019

https://www.forbes.com/sites/hbsworkingknowledge/2019/12/13/how-influencers-are-making-over-beauty-marketing/#67065db71203