



EPILLO HEALTH SYSTEMS OÜ

WHITEPAPER

Harnessing the power of Blockchain to revolutionise the Internet of Things (IoT), Health and Fitness industries.

 www.epillo.io/whitepaper





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EXPLORE

Explore the world of Blockchain-based Smart-wearables, Move to Earn DAPP, NFTs, Health Products & Services, and Decentralised Finance.



TABLE OF CONTENTS

S. No.		Page No.
1	Epillo Health Systems: Democratising Healthcare	01
2	Our Work: By Industry segmentation	02
3	Epillo.io: An Overview	03
4	Problem Description	04
5	Vision and Ideology	05
6	Industry focus & Verticals of Epillo.io	06-07
7	Application of Blockchain in IoTs	08-09
8	Our Technology: Health Data on Chain NFT Authentication	10
9	FitMint Wear PRO (WEB 3.0 Smartwatch) : Specifications and features	11-12
10	FitMint Wear : Decentralized Mobile App (DApp)	13-14
11	Getting Started	15
12	Gamification	16-17
13	NFT Avatars	18-19
14	Badges	20-21
15	Earning Cap	22

TABLE OF CONTENTS

16	Anti-Cheating System	23
17	NFT Marketplace	24
18	Epillo Health Tokens (EPILLO)	25-28
19	Wallet	29
20	Marketplace: Products and Services	30
21	Staking and Swapping	31
22	Community	32
23	Project Timeline	33
24	Other industries of Epillo Health Systems	34
25	Digital Therapeutics	35
26	Digital Healthcare Infrastructure	36-37
27	Epillo HealthHUB	38-42
28	Freshway	43-44
29	About Epillo Health Systems & Media Coverages	45
30	Legal Disclaimer	46

INTRODUCTION TO EPILLO HEALTH SYSTEMS



Globally, we are seeing a shift in the paradigm of consumerization of healthcare driven by ever evolving patient expectations and advancing health technologies. At Epillo Health Systems we are aiming to define the industry's next era by reducing the barriers to healthcare with our endeavours in Digital Therapeutics, Digital-Health, Medical-Technology and Retail Health & Medicine. We enhance the quality of care delivered by increasing efficiency and access with the assistance of the combination of technology and retail, thereby improving consumer satisfaction.

Originating out of Europe, the Epillo Health Group focuses on consumer health & fitness with its ventures in retail health and health-food, research projects like the WIPO-gazetted patent on 'AI based drug-drug interaction and drug-food interaction'. Epillo.io represents the Blockchain vertical of the Group wherein the technology has been harnessed to develop a disruptive IoT wearable range – Fitmint Wear. We embark this journey through a first-of-its-kind blockchain based smartwatch - Fitmint Wear Pro coupled with the companion decentralized mobile application with features like NFT authentication, storing health data on chain, decentralized finance, NFT marketplace, health and fitness product marketplace. We aim to govern this entire ecosystem through our project token – EPILLO.

OUR WORK

BY INDUSTRY SEGMENTATION



BLOCKCHAIN HEALTH, FITNESS & DEFI

Explore more on how can blockchain technology can assist the health and fitness sector with enhanced data privacy, security, transparency, decentralised payments while simultaneously incentivising people for keeping fit & healthy.



HEALTH-TECH & DIGITAL HEALTH

Digital Processes and Digital Patients: Connected care, Electronic Health Records, Mobile Apps for Patients and providers, Virtual care, Big Data & AI, Digital Therapeutics and Patent-filed Digital-Health Technologies including Digital Therapeutics (DTx) for Medication & Chronic Disease Management.



CONSUMER HEALTHCARE

HealthHUB™ is a first-of-its-kind retailer of Health, Medicine and Fresh Nutrition in the Asian Pacific region. HealthHUB™ offers a unique combination of Pharmacy, Walk-in Clinic, Path Lab, Personal care shop & Fresh Health Food & Beverages - all under one roof!



HEALTH FOOD & BEVERAGES

As firm believers in good health, with Freshway™ we aim to contribute to people's health & well-being by providing them with the right nutritional food & Beverage products, nutrition advice and wellness testing.



BY INDUSTRY SIZE

INDUSTRY	GLOBAL SIZE (USD)	SEGMENT	GLOBAL MARKET (SIZE OF SEGMENT) (USD)	INDIAN MARKET (SIZE OF SEGMENT) (USD)	CAGR* FOR GLOBAL SEGMENT MARKET	OUR BRANDS
HEALTHCARE (RETAIL & ONLINE)	6872 BN ¹	PHARMACY & DRUGSTORE	1036 BN ²	38 BN ³	44.4%	
		LABORATORY & DIAGNOSTICS	200.3 BN ⁴	13 BN ⁵	11.65%	
		GENOMICS	14.8 BN ⁶	930 MN ⁷	10%	
HEALTH-TECH	74.2 BN ⁸	ELECTRONIC AND MEDICAL HEALTH RECORDS	29.5 BN ⁹	200.24 MN ¹⁰	6.4%	
DIGITAL HEALTH	195 BN ¹¹	DIGITAL THERAPEUTICS	3.5 BN ¹²	600 MN ¹³	20.6%	
HEALTH & WELLNESS FOOD	USD 465.4 BN ¹⁴	HEALTH FOOD AND DRINKS	USD 104 BN ¹⁵	USD 10 BN ¹⁶	13.7%	
BLOCKCHAIN	USD 7.18 BN ¹⁷	PLAY TO EARN	755 MN ¹⁸	NA	21.3%	

[1] https://www.reportlinker.com/p06229152/Healthcare-Services-Global-MarketReport.html?utm_source=GNW
[2] <https://www.thebusinessresearchcompany.com/report/pharmacies-and-drug-stores-global-market-report>
[3] <https://www.marketresearch.com/NetScribes-India-Pat-Itd-v3676/Pharmacy-Retail-India-3153192/>
[4] <https://www.grandviewresearch.com/industry-analysis/clinical-laboratory-services-market>
[5] <https://www.techsciresearch.com/report/india-diagnostic-labs-market/7649.html>
[6] <https://www.gminsights.com/industry-analysis/genetic-testing-market>
[7] <https://www.researchandmarkets.com/reports/5146144/india-molecular-diagnostics-market-by-application>
[8] <https://www.alliedmarketresearch.com/healthcare-information-technology-market>
[9] <https://www.gminsights.com/industry-analysis/electronic-health-record-market>

[10] <https://www.gminsights.com/industry-analysis/electronic-health-record-market>
[11] <https://www.gminsights.com/industry-analysis/digital-health-market>
[12] <https://www.alliedmarketresearch.com/digital-therapeutics-market>
[13] Taken as 17 % of the global population size in proportion to the population of India
[14] <https://www.meticulousresearch.com/pressrelease/100/human-nutrition-market-2025>
[15] <https://www.alliedmarketresearch.com/natural-food-and-drinks-market>
[16] <https://www.indianretailer.com/article/whats-hot/retail-trends/health-foods-to-become-a-30-billion-market-in-india-by-2026-a7817/>
[17] <https://www.fortunebusinessinsights.com/industry-reports/blockchain-market-100072>
[18] <https://www.marketwatch.com/press-release/play-to-earn-nft-games-market-trends-2022-demand-cagr-value-growth-business-strategy-future-trends-competitive-landscape-industry-share-size-and-forecast-to-2028-2022-04-27>

EPILLO.IO: AN OVERVIEW



Originating out of Europe, epillo.io represents the Blockchain vertical of the Epillo Health Systems. At epillo.io, we are consistently harnessing cutting-edge blockchain technology and the multifarious utilities that it offers. To further proliferate our ideology of consumerization of healthcare, we have taken the assistance of technology that focuses on decentralization and provides the highest privacy & security standards.

Blockchain technology has transformed many industries, with new start-ups springing up to explore new applications for blockchain technology. While the financial industry was the natural first target, blockchain technology has extended to healthcare, fitness, food and beverage, supply chain, insurance, shipping and logistics and many more. In furtherance of our vision of keeping our consumers healthier – physically and financially, we at Epillo Health Systems launch a first of its kind decentralized Smartwatch. Understanding the catastrophic ramifications of centralized servers and their easier hackability, we have attempted to use the decentralized technology to enhance privacy and data protection in smart wearables.

Through www.epillo.io, we hope to assist the health and fitness industries and provide our users with various disruptive IoT devices, enhanced data privacy, security, transparency, and decentralized payments while simultaneously incentivizing people to focus on being fit & healthy.

PROBLEM DESCRIPTION

Data Privacy and Security

The data concerns arising out of traditional mobile applications and smart wearables have been alarming. The threat to the data of users, including personally identifiable information, cannot be ignored anymore. Further, a report by Deloitte states that 40% of smartwatch users have data privacy concerns. Notably, according to a report by Kaspersky Lab, a smartwatch can be hacked easily and the hacker can have access to the notifications of the user, locations, and even passwords. FitMint Wear, the first-ever web 3.0 smartwatch brand uses the features of blockchain technology such as decentralised ledger, NFT authentication, health data on chain to ensure that the crucial data of the users pertaining to their daily activities remains safe.

Lack of incentivisation

Apart from this, lack of motivation/incentives is a major issue due to which there is a huge gap between the motivation of working out and the amount of effort required to actually work out. Through the reward mechanism provided to the users by way of Fitmint Wear smartwatch and decentralised Web 3.0 mobile application, we provide a permanent solution to this lack of motivation.

Counterfeit Products

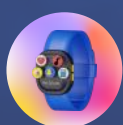
Through our NFT authentication technology, we ensure that the product that is available in the market to be sold, is our original product and there is no pirated copy of the brand in the market. The Smartwatch will only activate once the code pre-entered in the smart contracts are authenticated by the consumer.

VISION AND IDEOLOGY

The core of our ideology traces back its existence to the democratisation of healthcare and fitness industries. With our past endeavours in the healthcare and blockchain industries, we personalised delivery of care to our consumers.

Our vision is to give control and privacy back to the user by distributing their data on a decentralized network, ultimately making it immutable, encrypted and nearly impossible to hack. We embark upon this journey through a first-of-its-kind blockchain-based disruptive IoT wearable – Smartwatch, which implements the blockchain authentication system and assists consumers and enterprises in their healthcare and fitness journey. Realizing the importance of data privacy and the catastrophic ramifications that may occur without the ownership of one's own data, we are providing the users with a unique opportunity to control their daily activities data as opposed to the conventional smartwatch where they have no control over their data.

Through www.epillo.io, we hope to assist the health and fitness industries and provide our users with various disruptive IoT devices, enhanced data privacy, security, transparency, and decentralized payments while simultaneously incentivizing people to focus on being fit & healthy.



BLOCKCHAIN BASED IOT

Fitmint Wear Pro, first of its kind WEB 3.0 Smartwatch is an innovative wearable. Fitmint Wear Pro is a blockchain based smartwatch which rewards its users for staying fit and active. The fundamental focus of Fitmint Wear Pro is fitness, health monitoring, privacy of data and some other exciting features that makes it the ultimate device for a healthy life.



NFT BASED AUTHENTICATION

To provide its users with the most secure and private wearable, Fitmint Wear has been developed via interlock of an authentication system based on a non-fungible token network and a decentralized mobile application.

Fitmint Wear only utilizes once the user verifies its identity on the non-fungible token network.



HEALTH DATA ON CHAIN

By using the blockchain network the consumers and patients can share their data peer-to-peer to the healthcare providers without any intermediaries. The Big Data blockchain contracts will also help consumers, patients and healthcare providers to securely exchange sensitive patient information amongst concerned stakeholders.



DECENTRALIZED FINANCE

The Fitmint Wear smartwatch coupled with our Move2Earn decentralised application not only incentivises users to stay fit and earn simultaneously but, also provides them with an opportunity to earn more merely by holding their cryptocurrency in the own wallet. With one of the best staking platforms, we utilise the tokens staked by the user for the development of the company and reward the user proportionally.

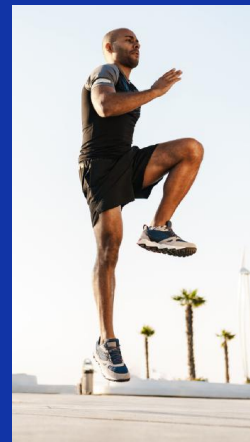
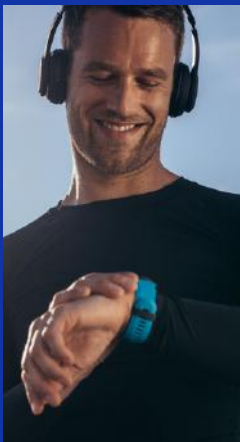


HEALTHY COMMUNITY BUILDING

The epillo.io community is where the users get the opportunity to discuss their health goals and wellness journey with peers, to compete with them and win in exciting competitions.

The users can also exchange solutions and ideas for our Fitmint Wear product and De-Fi platform and get rewarded for the same.

INDUSTRY FOCUS OF EPILLO.IO



INTERNET OF THINGS

The Internet of Things (IoT) comprises of all physical devices with sensors processing ability, software and other technologies that connect and exchange data with other devices and systems over the internet or any other communication network. The IoTs include devices such as wearables, phones, televisions, appliances, smart home monitoring and smart cities. The IoT market size was **USD 77.8 billion in 2021** and is expected to go up to **USD 413.7 billion by 2031** at a staggering CAGR of 18.6 %.

FITNESS

Currently, the fitness industry is one of the biggest globally, with the increase in the number of people embarking upon a healthy journey. Global smartwatch market size was valued at around **USD 22.46 billion in 2021** and expected to grow to **USD 97.52 billion by 2028**, at a CAGR of approximately 21.5% between 2022 and 2028. Since blockchain-based smart wearables promise to provide improved data protection, privacy and other exciting features, it may not be too far fetched to state that these wearables have the potential to capture the traditional market.

HEALTHCARE

The healthcare industry is arguably one of the largest industries. The Epillo group focuses on the segments of retail health, health-tech, digital health, and consumer healthcare of this mega-industry. In 2021, the healthcare industry was a staggering **USD 6873 billion market** promising to further grow at a rate of approximately 11 % CAGR. The health brands of the Epillo ecosystem extract the benefits from this mammoth market as well.

BLOCKCHAIN GAMING

The move to earn mechanics in blockchain gaming is a **USD 1 billion** market and is expected to drive the entire market by growing at a CAGR of 21.3 %. The market for the move-to-earn mechanics comprises 68 % of the market size. A survey conducted also stated that 81% of people would be motivated to stay fit by earning cryptocurrency for exercising. With Fitmint Wear, we assist users to earn the value they create by themselves in the fitness industry and the blockchain gaming industry.



BLOCKCHAIN BASED IoT

Providing the users an opportunity to witness for the first time, the development of a Blockchain based IoT - Fitmint Wear. This combination of IoT and blockchain offer various benefits such as allowing the smartwatch to function autonomously without a centralised authority.

Through this blockchain based technology we provide the unique opportunity to each user to get the ownership of their daily health and fitness data.



DECENTRALISED APPLICATION

Epillo.io has developed the Fitmint Wear decentralized mobile application to incentivize its users to become healthier and fitter. Constantly striving for the well-being of the people, Epillo Health Systems provides an opportunity to its users to earn cryptocurrency just by walking.

The decentralised platform will consist of a staking platform, crypto wallet, NFT marketplace, health, medial and fitness, product and services.



NFT WORLD

The initial phase of the move to earn mechanics in Fitmint Wear will be solo gaming mode wherein users will be equipped with NFT avatars and can start earning reward points/cryptocurrency by walking, running, cycling and swimming. The daily earning capacity of each user will vary according to the level and type of the NFT Avatar.

Users will have a NFT marketplace to buy, sell and trade NFTs.



DECENTRALISED FINANCE

The decentralised finance platform provides the users with an opportunity to stake their EPILLO tokens. To curb the risks, the users have been given the opportunity to stake in three different types of pools.

Further, users will be given the opportunity to swap their EPILLO tokens to other crypto currencies.



PRODUCTS AND SERVICES

The companion decentralised mobile application is accompanied by a marketplace which offers more than 500 health, medical and fitness products to the users.

Under development in the marketplace are the services of various health and fitness coaches which the users will be able to avail. The Epillo ecosystem will also offer to its users DNA testing with an extensive report and a corresponding consultation.



COMMUNITY

Epillo.io is building its community where the users can discuss their health goals and wellness journey with peers.

The users get to compete with their peers and win exciting competitions. The users can also exchange solutions and ideas for our Fitmint Wear product and De-Fi platform and get rewarded for the same.

APPLICATION OF BLOCKCHAIN IN INTERNET OF THINGS (IoT)

Internet of Things (IoT)

An IoT ecosystem consists of web-enabled smart devices that use embedded systems, such as processors, sensors and communication hardware, to collect, send and act on data they acquire from their environments. IoT devices share the sensor data they collect by connecting to an IoT gateway or other edge device where data is either sent to the cloud to be analyzed or analyzed locally.

Application of Blockchain

Blockchain refers to an encrypted, distributed, decentralized computer filing system designed to facilitate the creation of tamper-proof, real-time records. Internet of Things (IoT) is a term used to describe the interconnection of computing devices embedded in everyday objects such as sensors in mobile phones, smartwatches, home appliances, etc. via the Internet that allows them to send and receive data. The IoT devices share the sensor data they collect by connecting to an IoT gateway or other edge device where data is either sent to the cloud to be analyzed or analyzed locally.

Blockchain is a distributed ledger technology that combines with IoT to make machine-to-machine transactions possible. It uses a set of transactions that are recorded in a database, verified by multiple sources and entered in a common ledger distributed across every node.



APPLICATION OF BLOCKCHAIN IN THE WORLD OF INTERNET OF THINGS

The Future

According to International Data Corporation, by 2019, nearly 20% of all IoT deployments will facilitate blockchain-based solutions. This is because Blockchain helps create a scalable and decentralized ecosystem for IoT devices, platforms, and applications.

Naturally, when you think about these terms, you realize that both Blockchain and IoT are revolutionary technologies that are changing the world around us, one step at a time. The combination of IoT and blockchain offers various potential benefits and allows a smart device to function autonomously without the need for a centralized authority with tamper-resistant records. Similarly, IoT presents myriad opportunities for enterprises and organizations to run their business operations the “smart” way. Naturally, the combination of these two emerging technologies holds tremendous potential for the industry.

Benefits

Build trust in your IoT data: Each transaction is recorded, put into a data block, and added to a secure, immutable data chain that cannot be changed — only added to.

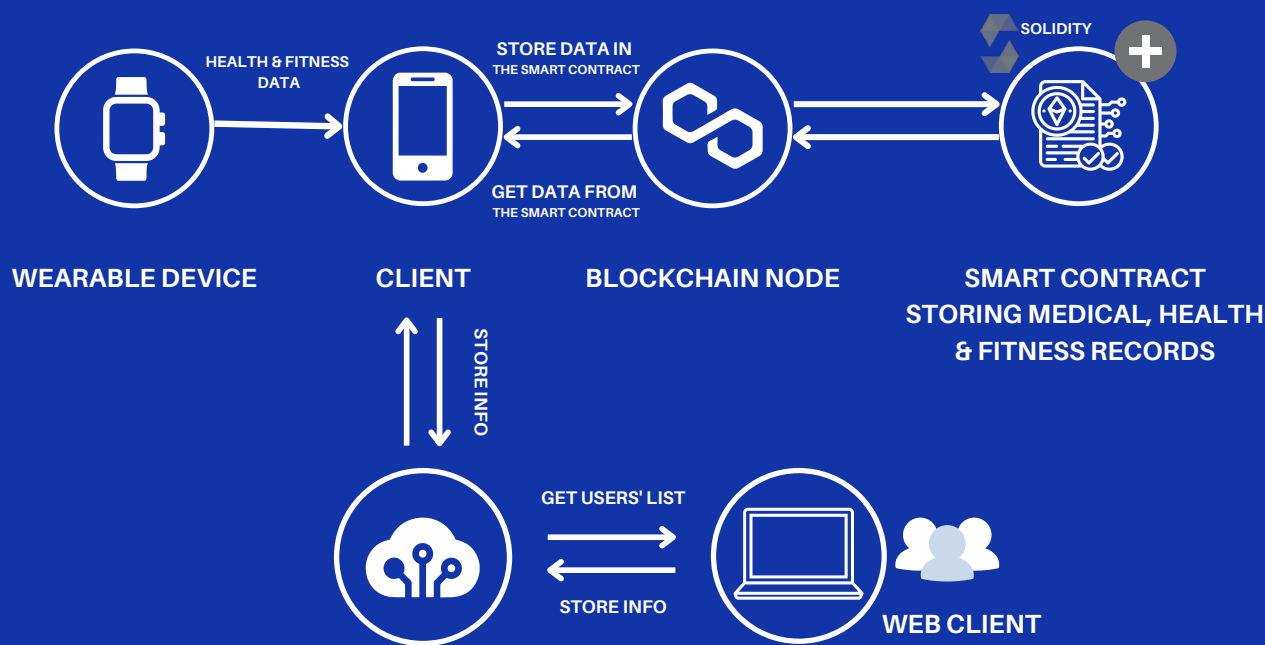
Rely on added security: Select the data to be managed, analyzed, customized, and shared among permissioned clients and partners.

Gain greater flexibility

Scalability: The Blockchain is open, interoperable and scalable and such, is built for the contemporary multicloud world.

OUR TECHNOLOGY

HEALTH DATA ON CHAIN

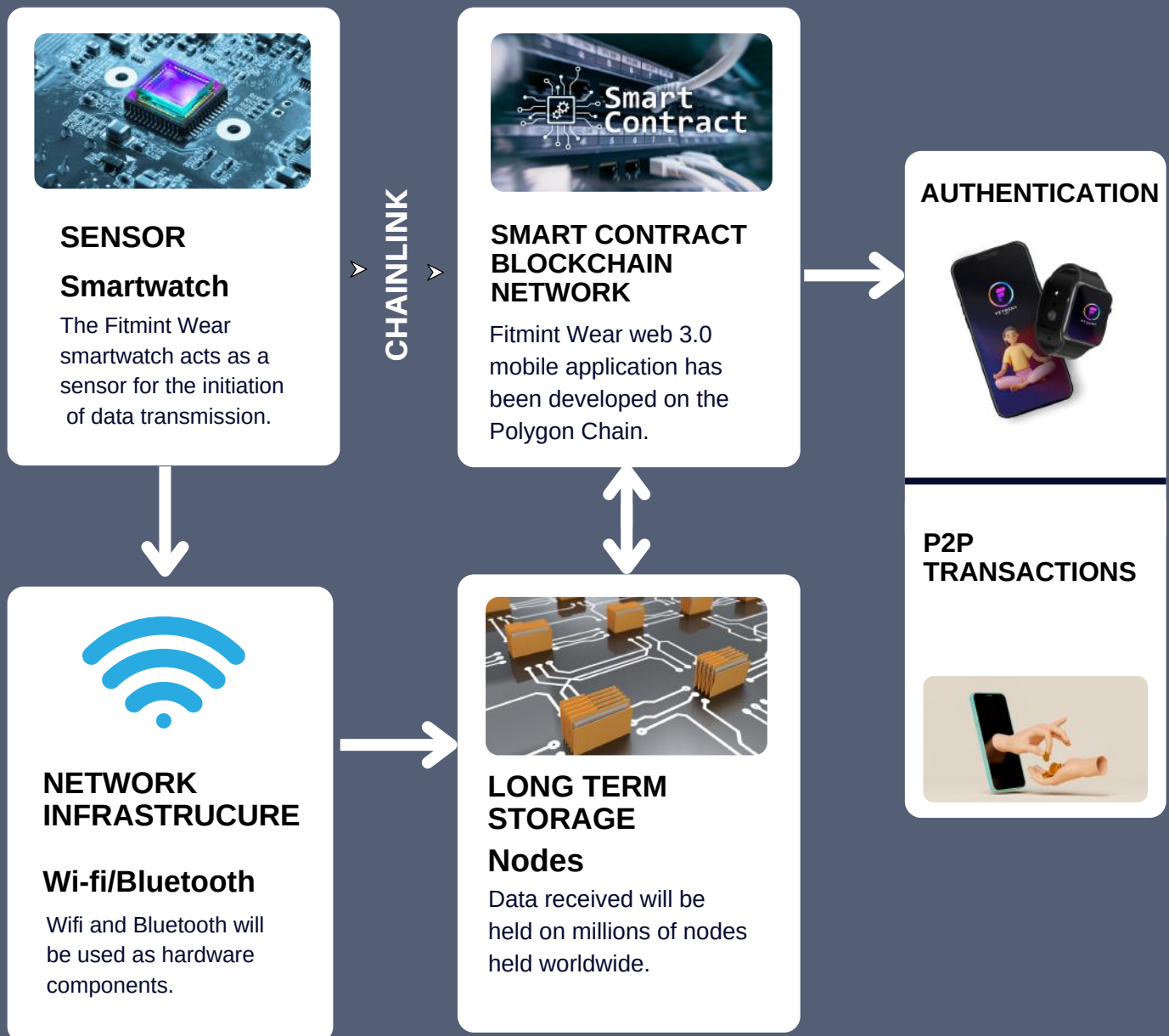


Currently, the healthcare business faces different challenges regarding the security incidents, data integrity, data ownership, etc. The blockchain technology offers a system architecture that guarantees secure access to data with an access control policy implemented for participants to achieve privacy and data ownership for patients in the EHR system. It can provide automated data gathering and verification processes, accurate and accumulated records from different sources which are immutable, tamper proof, and offer safeguarded data, with a lower risk of cyberattacks.

Our technology removes the central authority and does not present a single point of failure in the system, thanks to the distributed nature of the blockchain. System security is reached, thanks to the immutability of the decentralized ledger as any node cannot alter the ledger and confirms that it could be the next revolutionary technology. Our main purpose is to provide a distributed, secure, and authorized access to these sensitive data using the blockchain technology.

OUR TECHNOLOGY

NFT AUTHENTICATION



FITMINT WEAR PRO [WEB 3.0 SMARTWATCH]: SPECIFICATIONS AND FEATURES

The Fitmint Wear is a first-of-its-kind smartwatch which enables the users to not only track their daily activities and keep that data safe, but also, provides them with an opportunity to earn cryptocurrency just by logging in their data through the companion web 3.0 mobile application. We present the users a win-win opportunity to gain more crypto currency and lose weight simultaneously.

The first version the smart wearable - Fitmint Wear Pro is a smartwatch in a 1.86" size, on which you can read messages, social media notification, check who's calling on your number, and reject it. We also offer real time sports & activity tracking (including swimming), for which you can win rewards. FitMint Wear stays up and takes care of you while you are asleep by monitoring your heart rate, sleep quality, and more.



FITMINT WEAR: THE COMPANION DECENTRALIZED MOBILE APPLICATION (DAPP)

Epillo.io has developed the Fitmint Wear decentralized mobile application to incentivize its users to become healthier and fitter. Constantly striving for the well-being of the people, Epillo Health Systems provides an opportunity to its users to earn crypto currency just by walking. An algorithm has been developed whereby each user will be rewarded according to their health profiles as per the specific data received from Fitmint Wear such as number of steps, cycling etc. Fitmint Wear companion decentralised mobile application has been developed on the Polygon (Ethereum Scaling) blockchain and will thereafter, scale to various other blockchains integrating multiple crypto wallets.

Broad features of the Mobile Application

- Login/Registration
- Able to Sync with smart watches
- Activity tracking from smart watch
- Avatar and other NFT Minting
- Gamification
- Marketplace to trade NFTs and Purchase items
- Notifications
- Staking and Swapping
- Health, medical and fitness- Products & Services





FITMINT WEAR PRO

WORLD'S 1ST
WEB 3.0-BASED SMARTWATCH

- BLOCKCHAIN-BASED IOT SMARTWEAR
- HEALTH & FITNESS TRACKERS
- NFT-BASED AUTHETICATION
- MOVE2EARN COMPANION DAPP
- DECENTRALISED FINANCE PROTOCOL



DAPP



Pre-Booking of WEB 3.0 Smartwatch -
FitMint Wear PRO starts from October 30,
2022 onwards.

CLOSED USER TESTING begins first week
of December, 2022

Open Beta Launch - DAPP and
dispatch of smartwatches booked
during limited private pre-booking

First week of December 2022

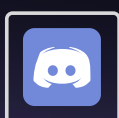


PRE-BOOKING STARTS OCTOBER 30, 2022

Join our communities:



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[Discord](#)



[Twitter](#)



[Instagram](#)



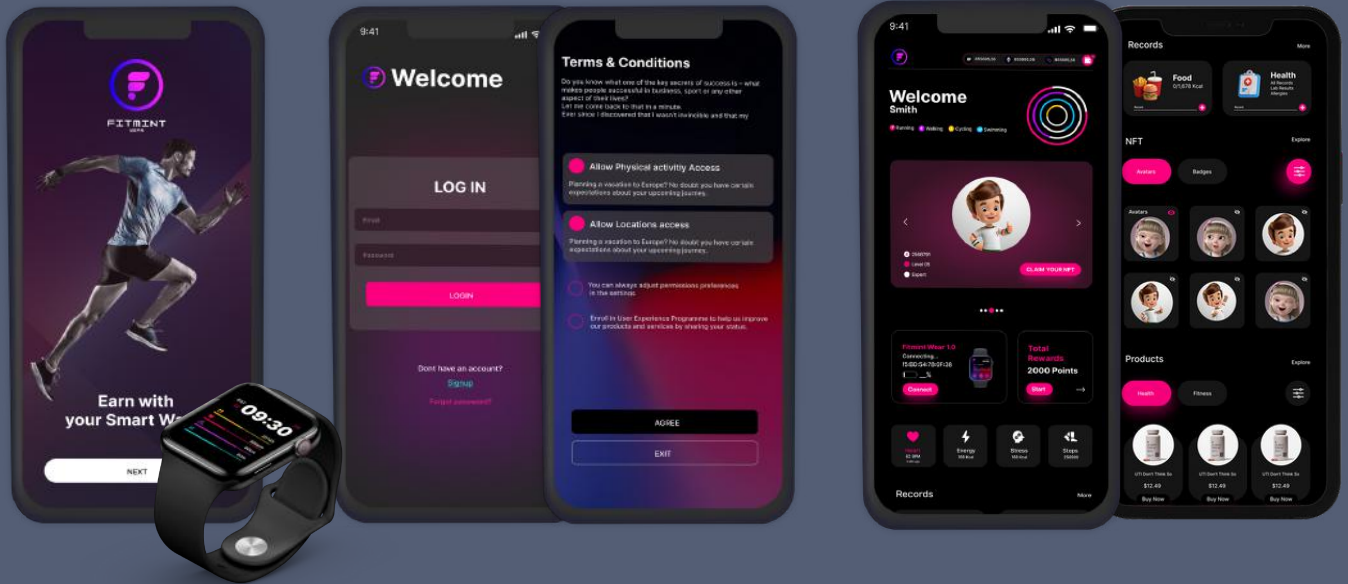
[LinkedIn](#)



[Website](#)

GETTING STARTED

USER JOURNEY



USER JOURNEY

01



UNBOX

Unravel the elegant Fitmint Wear Pro Smartwatch

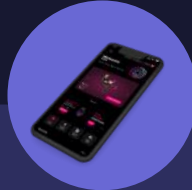
02



DOWNLOAD DAPP

Download the companion decentralised application

03



CONNECT YOUR WALLET

Integrate your wallet in the mobile application

04



CLAIM/MINT YOUR NFT

Claim or Mint your character NFT Avatar

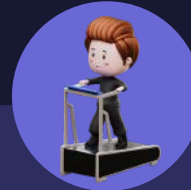
05



AUTHENTICATE

Authenticate your Smartwatch and Mobile Application

06



START YOUR ACTIVITY

Start walking, running, cycling and swimming

07



MOVE TO EARN

Get the opportunity to earn rewards each time you move

08



STAY FIT & EARN

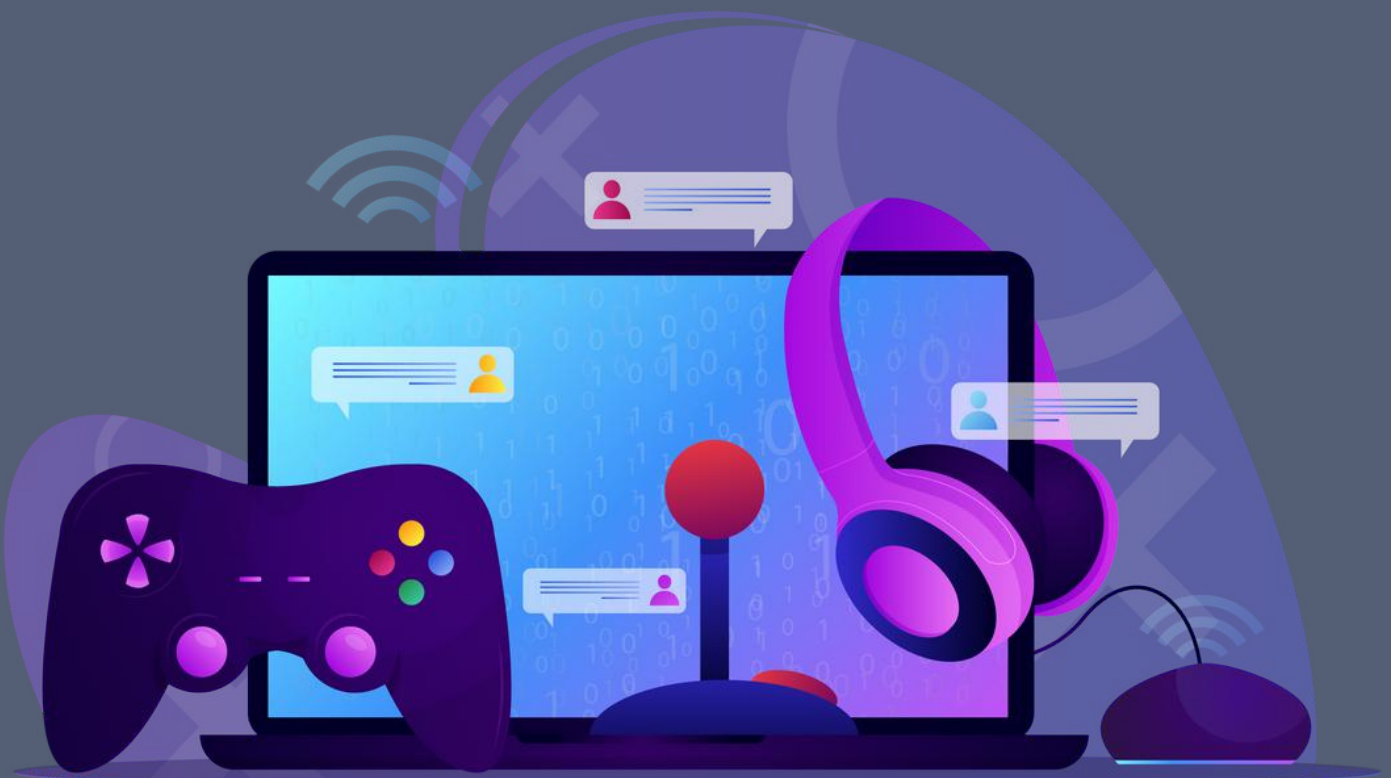
Avail the win-win opportunity and get healthier, physical and financially

GAMIFICATION

MOVE TO EARN MECHANICS: EARN WHILE YOU WALK, RUN, CYCLE OR SWIM

The initial phase of the move to earn mechanics in Fitmint Wear will be solo gaming mode wherein users will be equipped with NFT avatars and can start **earning reward points/cryptocurrency by walking, running, cycling and swimming**. The daily earning capacity of each user will vary according to the level and type of the NFT Avatar.

After minting or receiving the NFT, users can begin to start earning by pressing Start. The users will be displayed with the activity which they have chosen. Once the time period for a given level is completed, users stop earning rewards. They can either choose to carry on tracking their movements, or manually exit the earning, by briefly holding down the Stop button. Notably, on pressing the stop button at the end of the session, our Anti-Cheating System will take time to analyze if the user has exploited the move to earn mechanics.



Moonwalking: This will be shown if the Smartwatch detects a weak GPS/internet signal, or the user is not organically moving (i.e. using an electric scooter or strap smartwatch on their dog). No Reward Points will be earned while Moonwalking, and users may/may not be penalised depending on the circumstance.



To be launched by February, 2022

Mystery Box is a loot box that is randomly dropped while you are moving in Solo Mode. It can contain Reward Points, EPILLO and/or NFT Avatars.



To be launched by March, 2022

In this mode, users will be required to register under the challenger tab at least 24 hours prior to commencement users need to register under the challenges tab at least 24 hours prior to commencement. There will be both, weekly and monthly, events and challenges.



To be launched by March, 2022

Challenge participants will be ranked using points which are calculated based on users time taken for completion of the challenge and NFT Attributes. The top percentage on the leaderboard for the weekly/monthly Marathon will receive Reward Points/EPILLO tokens alongwith unique trophy badges.

NFT AVATARS

TYPES OF AVATARS

CATEGORIES

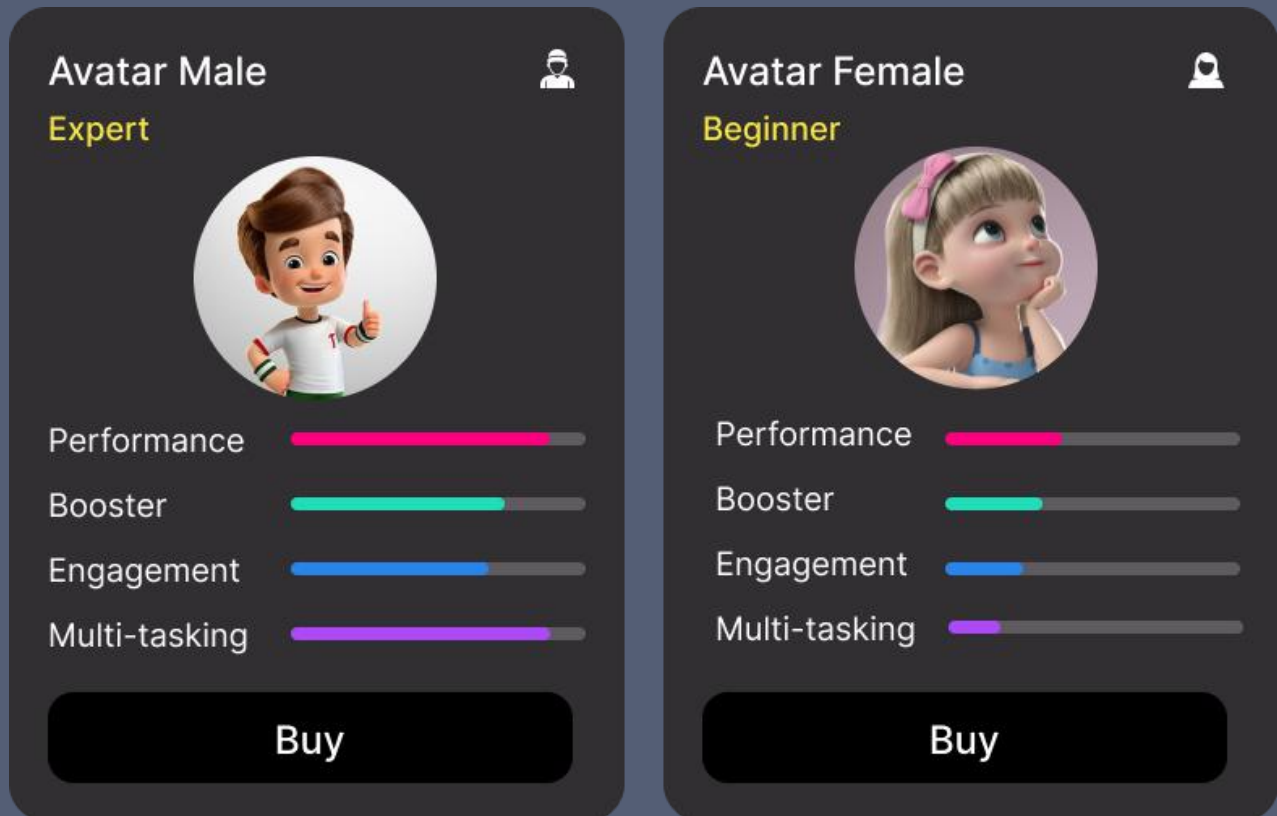


GAMIFICATION UI BASED ON THE CATEGORIES



NFT AVATAR

ATTRIBUTES OF AVATARS



Performance -

The performance attribute depicts the efficiency of the Avatar. The higher the efficiency, the more reward points can be earned per minute.

Booster-

The booster attribute represents the daily movement eligibility and consequentially, the daily earning capacity.

Time of Engagement -

Time of engagement depicts the difference in the rewards for each activity. To elaborate, the activity of swimming requires less time to be spent by the user on the platform as compared to walking.

Multi-tasking -

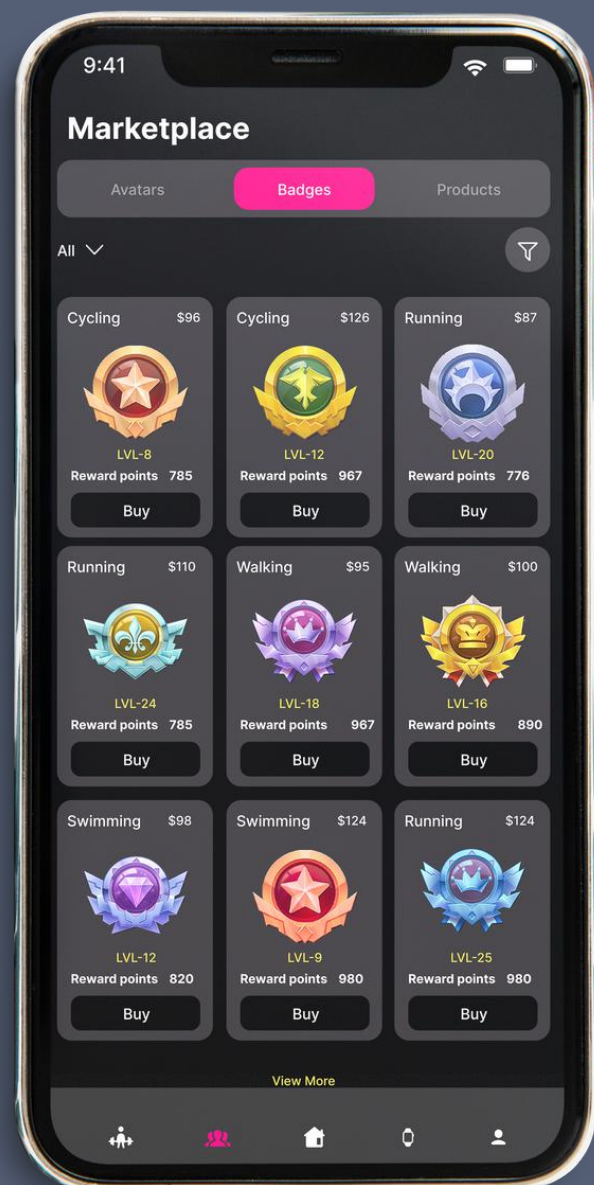
Multi-tasking attribute suggests to the users to mix-up their activities to earn higher rewards. An Avatar with a higher multi-tasking attribute would mean greater yield in case of multiple activities.

BADGES

The badges depicted on the NFT Avatar of the user represents the level on which a user is currently playing. These levels define the maximum eligible time limit for which a user will be rewarded.

The maximum earning time limit has been captured in the table below:

Levels	Daily eligible time limit
1	15 minutes
2	30 minutes
3	45 minutes
4	60 minutes (1 hour)
5	75 minutes
6	90 minutes
7	105 minutes
8	120 minutes (2 hours)
9	135 minutes
10	150 minutes
11	165 minutes
12	180 minutes (3 hours)
13	195 minutes
14	210 minutes
15	225 minutes
16	240 minutes (4 hours)
17	255 minutes
18	270 minutes
19	285 minutes
20	300 minutes (5 hours)
21	315 minutes
22	330 minutes
23	345 minutes
24	360 minutes (6 hours)
25 level	Upto 7 hours



BADGES

UPGRADATION

Users will be eligible for level upgradation by two methods:

- (i) Purchasing the badge from the NFT Marketplace.
- (ii) Spending the given number of days, concurrently on the mobile application. In case a user is unable to log in their activity for a particular day, he/she may redeem the day through the reward points.

Level	Per level number of days
1 – 5	20 days
6 – 10	40 days
11 – 15	60 days
16 – 20	80 days
21 – 25	100 days



EARNING CAP

DAILY EARNING CAP

The users will have a varying EPILLO earning cap for each level. Users can earn up to **750 EPILLO tokens** per day through **FitMint Wear DAPP & Smartwatch** by **walking, running, cycling & swimming**. Users can increase their daily token cap by levelling up their Avatars or purchasing a higher version of the Avatar type. The same has been elaborated in the table below:

Levels	EPILLO Tokens	EPILLO Tokens	Epillo Points
	Beginner	Intermediate (2X)	Advanced (3x)
1 - 5	50	100	150
6 - 10	100	200	300
11 - 15	150	300	450
16 - 20	200	400	600
21 - 25	Upto 250 EPILLO	Upto 500 EPILLO	Upto 750 EPILLO



ANTI-CHEATING

Fitmint Wear has established its own Anti-Cheating System using the mechanics of desensitized GPS data, motion sensor and health data and ML based anti-cheating algorithm. Using devices that have been jailbroken, rooted, or with an altered OS will result in Fitmint Wear not working properly. Note that we will not assist you to retrieve your losing assets as a result of using GPS spoofing or hackware.

On pressing the stop button at the end of the session, our Anti-Cheating System will take time to analyze if the user has exploited the move to earn mechanics. Through this anti-cheating system, our systems internally maintain a score of the user. The default score of each user is 10 points. In case of deduction of any such cheating mechanism, the score will go below and the users will be penalised for the same in the form of lesser eligible earning time, limited access to mobile application, etc.

Activation Codes

Fitmint Wear is an invitation based game. The linking of the Smartwatch with the mobile application acts as an activation code. Users will also be provided with a code through which they can refer another user and earn reward points/EPILLO. We may disable Activation Code from time to time to facilitate marketing activities and promotion, if you do not need Activation Code to register, it means it is disabled.



VIP System (Coming Soon)

To be launched by April, 2022

Users will be able to utilize Apple and Android in-app purchase functions to subscribe to Fitmint Wear VIP.



October, 2022

//23

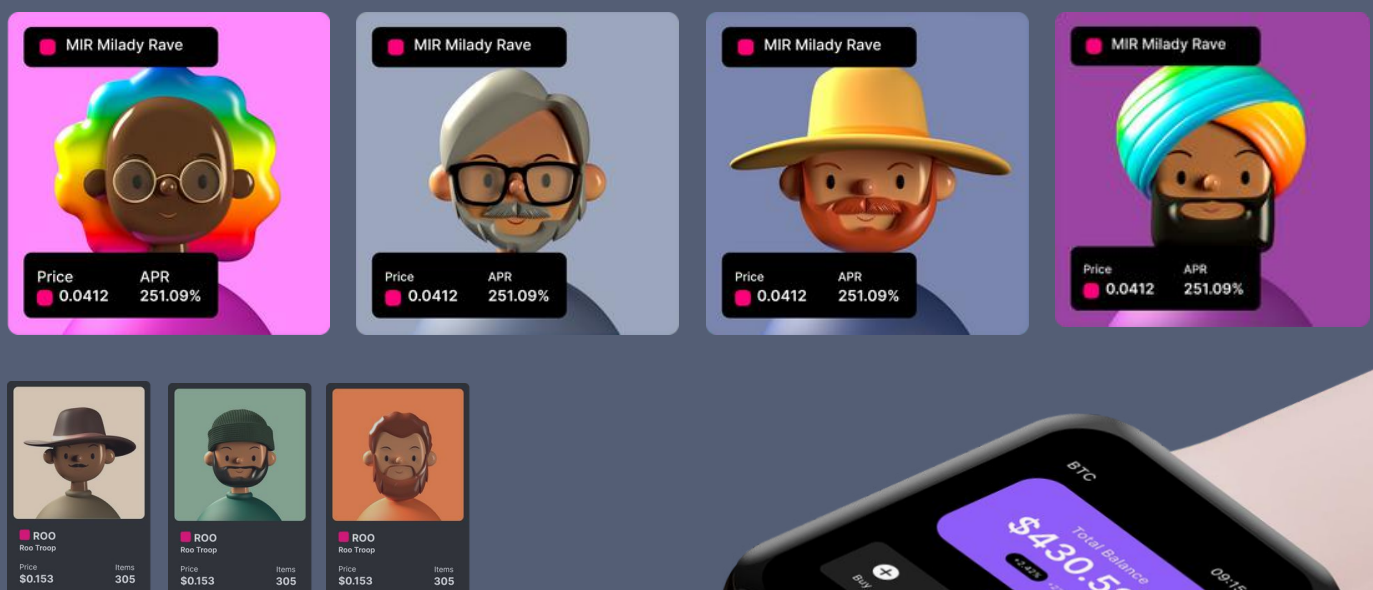


NFT MARKETPLACE

The Marketplace is where users can sell/buy or rent/lease (Phase - II) their NFT Avatars and Badges. A simple filter and sort function is available in the Marketplace for easy navigation.

In-App NFT trading

Users can buy and sell NFT Avatars and Badges on the Marketplace. Marketplace can be found on Mobile Application and the official website of Fitmint Wear.



EPILLO HEALTH TOKEN

Epillo Health Token (EPILLO) is the native token of the Epillo Group. It is deployed on the **Polygon (Ethereum Scaling Blockchain) chain**. EPILLO offers fast and low-cost transactions with a secure and scalable network.

The goal with EPILLO is to create a sustainable economy by offering multiple utilities in the entire Epillo Ecosystem while aligning the incentives for all the stakeholders of the system - Community, builders, developers and investors.



UTILITIES

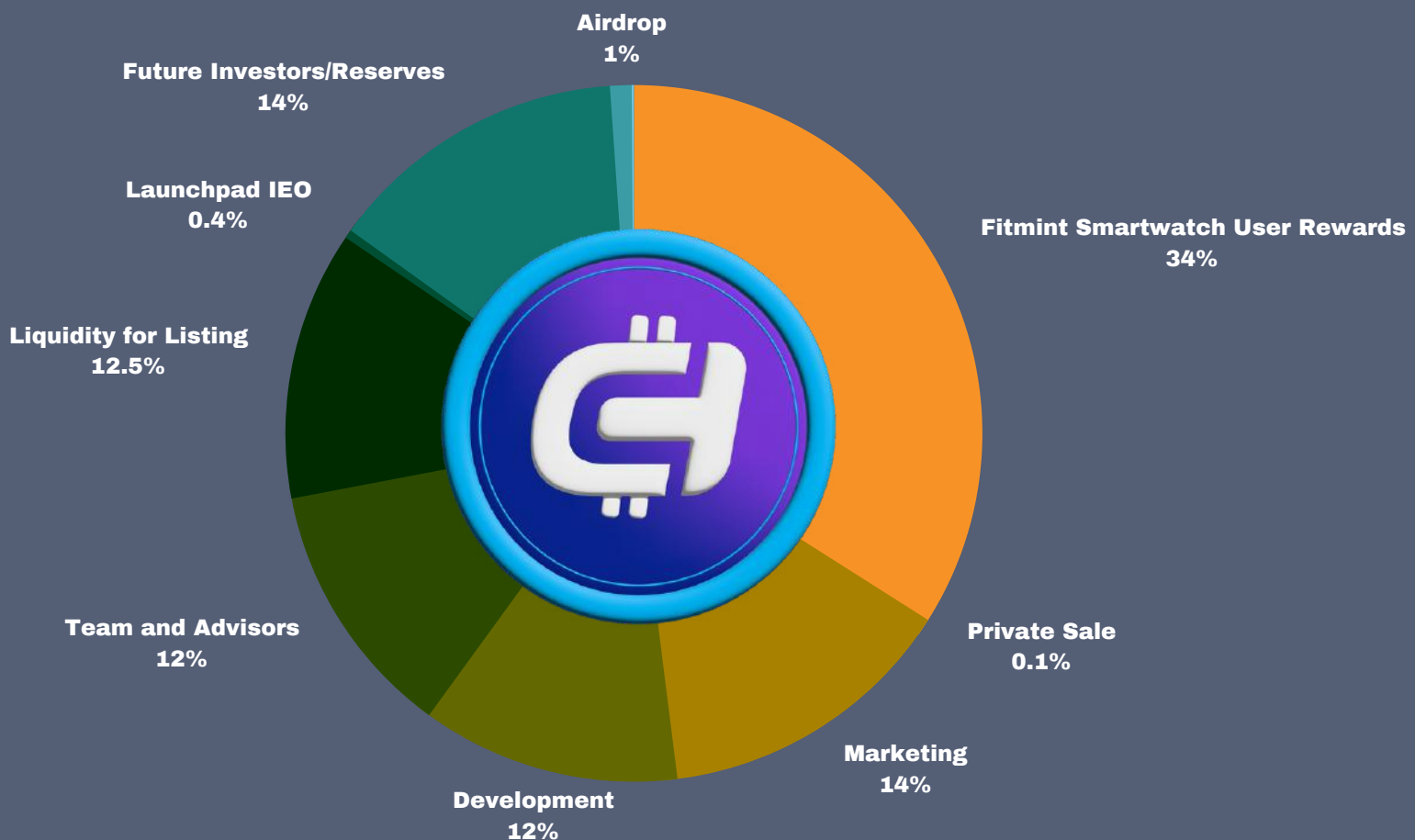


TOKENOMICS

DISTRIBUTION AND ALLOCATION

TOTAL NUMBER OF EPILLO COINS:

5 BN



TOKENOMICS

VESTING PERIOD

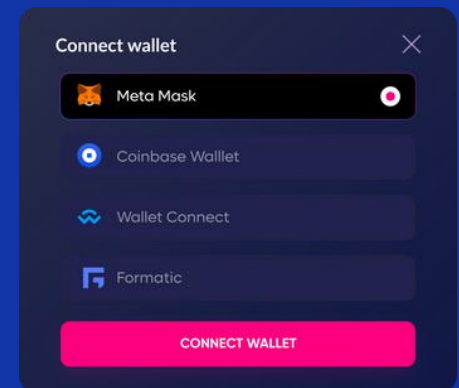
Allocation	Period
Private Sale	10 % at TGE, 1 month lock-in, 20 % each month thereafter
Lauchpad	10 % at TGE, 1 month lock-in, 20 % each month thereafter
Marketing	3% release at TGE, 6 month lock-in, 10 % each month thereafter
Fitmint Smartwatch User Rewards	Not through the vesting platform, through a separate wallet
Liquidity for listing	Not through the vesting platform, through a separate wallet
Development	2% release at TGE, 1 year lock-in, 10 % each month thereafter
Team & Advisors	1 year lock-in, thereafter 10% each month

TGE - At the time of Exchange Listing

WALLET

To provide our users a seamless experience, we will have a decentralised wallet which can be used to hold NFTs, cryptocurrencies and other digital assets.

The wallet will thereafter be linked to Meta Mask, Coinbase Wallet, Wallet Connect & Formatic. In future, we will integrate more networks and wallets.



Wallet features:

- Deposit crypto tokens and NFTs
- Withdraw crypto tokens and NFTs
- Swap (trade) function with liquidity

CHAINS : NOW & FUTURE



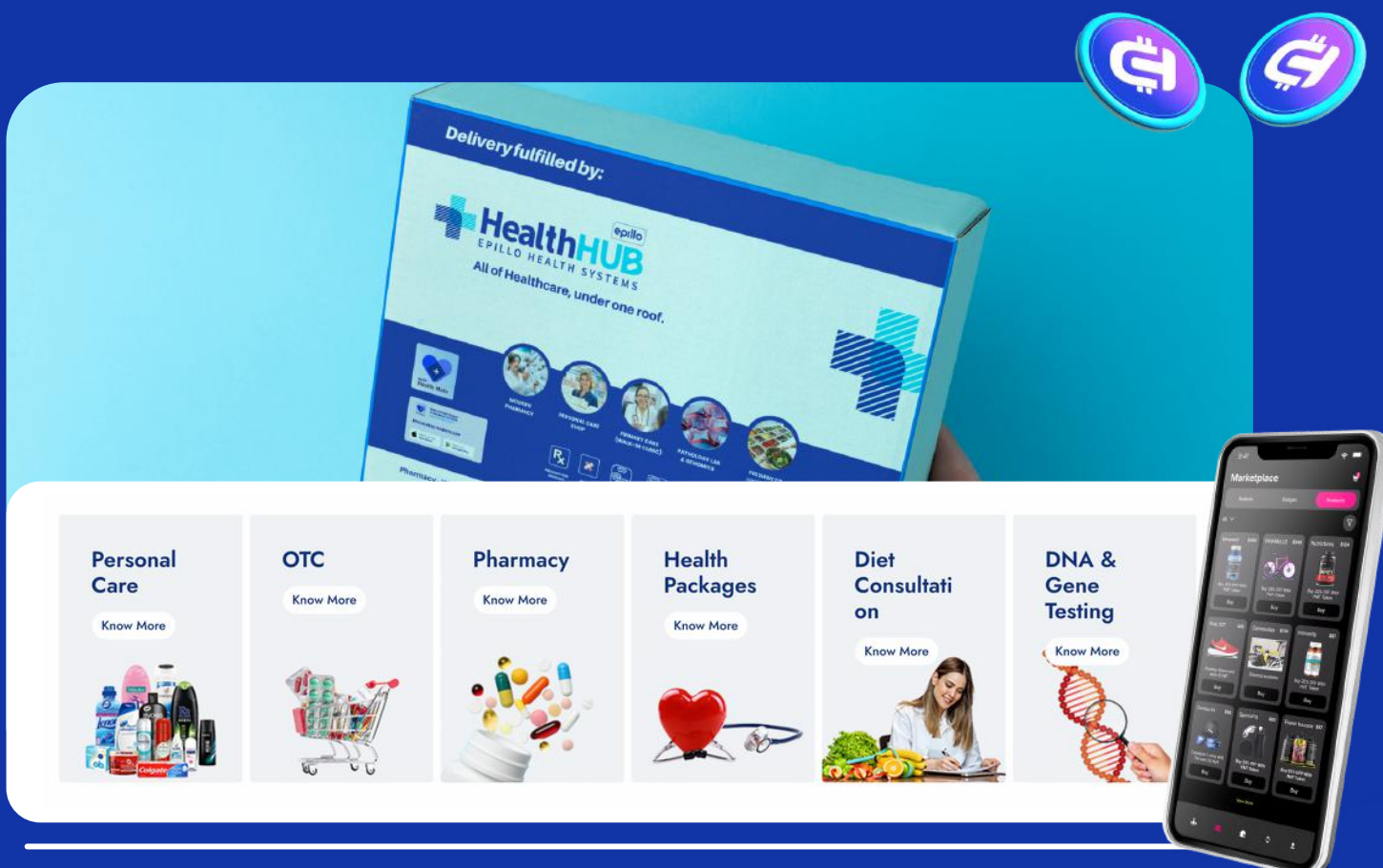
MARKETPLACE: PRODUCT AND SERVICES

PRODUCTS

The companion decentralised mobile application is accompanied by a marketplace which offers more than 500 health, medical and fitness products to the users.

SERVICES

Under development in the marketplace are the services of various health and fitness coaches which the users will be able to avail. The Epillo ecosystem will also offer to its users DNA testing with an extensive report and a corresponding consultation .



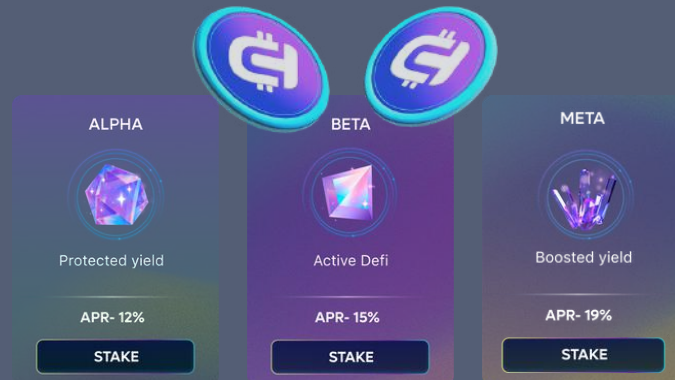
STAKING & SWAPPING

FitMint Wear users can earn more merely by holding the **EPILLO** tokens in their wallets.

To curb the risk factor, our staking platform provides an opportunity to the user to stake EPILLO in three different pools. Our compounding formula provides for the Annual Percentage Yield (APY), in proportion to the risk factor:

Three-tier annual compounding rates:

- **Alpha – 12 %**
- **Beta – 15 %**
- **Meta – 19%**



MEDICAL FUNDRAISING

Epillo Health Systems has carried out multiple research projects to be an integral part of the paradigm shift in digitisation and cosumerisation of healthcare. To highlight, our patent titled, "Systems and Method for Blockchain based digital therapeutic devices to predict food-drug constituent interaction", has been gazetted by the World Intellectual Property Organisation.

The funds donated during the Medical Fundraising campaign by the company will be utilised for several other similar, innovative and revolutionary healthcare and fitness projects.

WIPO GAZETTED PATENT

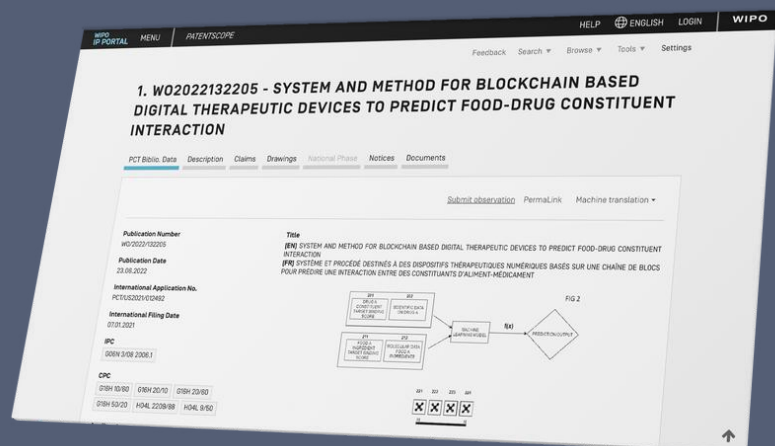
**"SYSTEM AND METHOD FOR
BLOCKCHAIN-BASED DIGITAL
THERAPEUTIC DEVICES TO
PREDICT FOOD-DRUG
CONSTITUENT INTERACTION"**

Technology Appraised at:

USD 150 MN

READ MORE ON:

**BUSINESS
INSIDER**



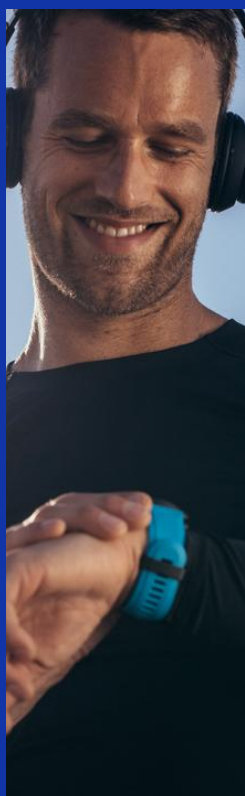
[Read more](#)



COMMUNITY

Building Healthy Communities - That Includes You!

Epillo.io is building its community where the users can discuss their health goals and wellness journey with peers. The users get to compete with their peers and win exciting competitions. The users can also exchange solutions and ideas for our FitMint Wear product and De-Fi platform and get rewarded for the same.



PROJECT TIMELINE



OUR WORKS IN OTHER INDUSTRIES:

DIGITAL THERAPEUTICS (DTx)

What are Digital Therapeutics?

Digital therapeutics – A subset of digital health are evidence-based therapeutic interventions driven by high-quality software programs to prevent, manage, or treat a medical disorder or disease.

For Chronic Disease & Diet Management

Drug Information, Drug Interaction management, Medical Adherence: Drug regimen reminders & Testing reminders, Health & Condition Monitoring, Diet Monitoring.

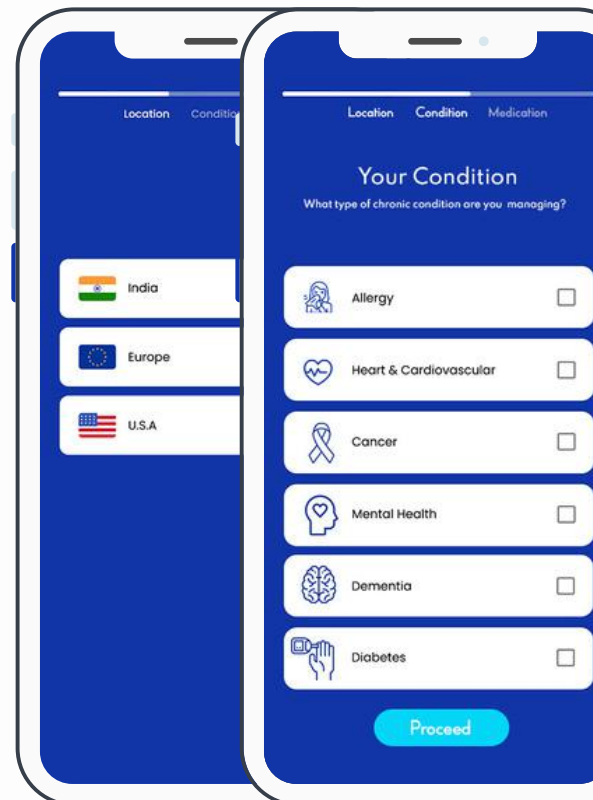
WIPO GAZETTED PATENT

"SYSTEM AND METHOD FOR
BLOCKCHAIN-BASED DIGITAL
THERAPEUTIC DEVICES TO
PREDICT FOOD-DRUG
CONSTITUENT INTERACTION"

Technology Appraised at:
USD 150 MN

READ MORE ON:

**BUSINESS
INSIDER**



**Global spending on medicines
will reach \$1.4 trillion by 2020.**

For people on prescription plans
to manage their chronic conditions
and diet preferences.

DRUG-DIETARY INTERACTIONS

Drug Information, Drug Interaction management with respect to Drug-Dietary Interactions which may lead to ADEs and less effective medication & low drug-adherence rates.

HEALTH DATA ON BLOCKCHAIN

The technology stores Patient Health & Medical Data including the data produced from Medicine and Food interactions, Drug-Drug interactions and lifestyle data on a distributed ledger to provide utmost security and privacy of data.

AI-BASED MOLECULAR DOCKING

AI-based Model to predict interactions for people on chronic disease management and prescription plans



**Evidence based
care**



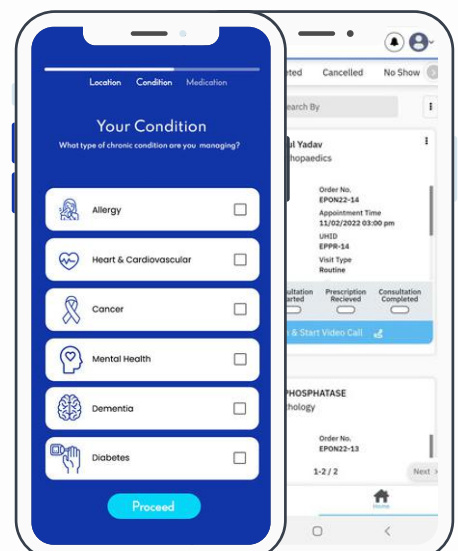
Tech-infused care



**Chronic disease
management**



**Continuous
Health
Monitoring**



OUR DIGITAL HEALTH INFRASTRUCTURE

DIGITAL PATIENTS AND DIGITAL PROCESSES

1

HIGHER PATIENT RETENTION & SATISFACTION

Health Information Systems increase patient satisfaction through improved communication; greater provider sensitivity towards patients; enhanced community awareness about the quality of services; and overall better use of services in the health system.

2

100% PAPERLESS OPERATIONS

Enabling quick access to patient records for more coordinated, efficient care.

3

IMPROVED EFFICIENCIES AND LOWER HEALTH CARE COSTS

Providing accurate, up-to-date, and complete information about patients at the point of care

4

COORDINATED CARE

Our Digital Ecosystem allows healthcare providers manage relationship with their patients beyond their premises. It connects various stakeholders within the care team ensuring patients get a seamless care



E-prescriptions
& Medical
records



Appointment
management,
Inventory & Billing



Integrated Healthcare
system
(Pharmacy+Clinic+Lab)



Health Analytics
and AI



Teleconsultations
& Virtual care



Continuous
Health
Monitoring



OUR DIGITAL HEALTH INFRASTRUCTURE

DIGITAL PATIENTS AND DIGITAL PROCESSES



OUR DIGITAL PLATFORMS FOR PATIENTS & PROVIDERS HEALTHCARE TEAMS AVAILABLE 24*7*365 HEALTH MATE APP

MANAGE YOUR HEALTHCARE WITH US. ANYTIME, ANYWHERE.

Epillo Health Mate is a connected tool for patients to manage their e-medical records and e-prescriptions, appointment bookings, tele-consultation, search and book lab tests and contains patient engagement tools, symptom checkers, wellbeing assessment, and family management.



VIDEO & AUDIO CALLS WITH DOCTORS ACROSS 15+ SPECIALITIES



MAKE ADVANCE APPOINTMENTS



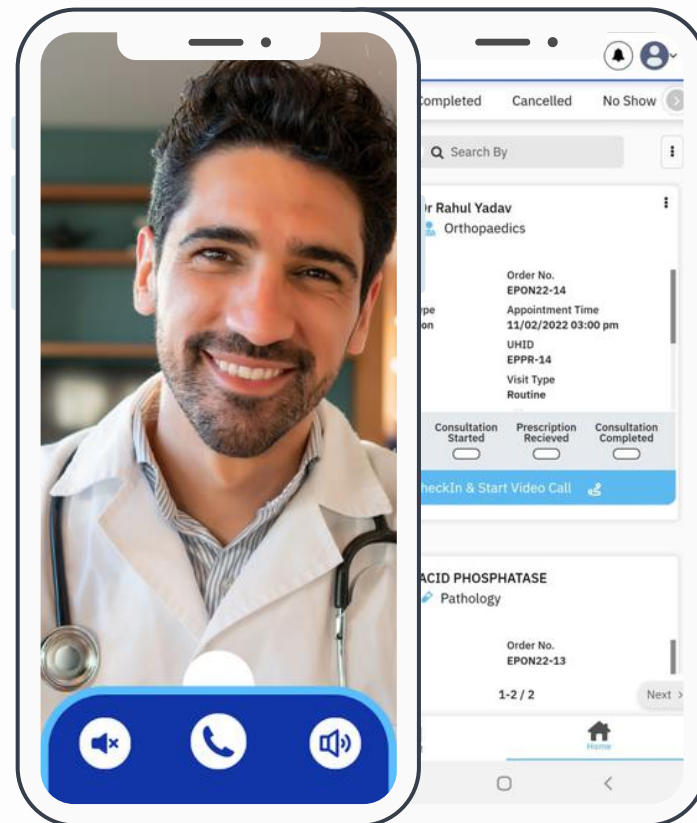
MANAGE PRESCRIPTION AND MEDICAL RECORDS



ADD FAMILY MEMBERS



SEARCH AND BOOK LAB TESTS AND HOME COLLECTION



HEALTHCARE SOFTWARE STANDARDS:



Leading healthcare
terminology worldwide



RETAIL HEALTH - EPILLO HealthHUB™



ASIA'S FIRST HEALTH, MEDICINE & FRESH NUTRITION RETAILER

Epillo HealthHUB™

HEALTHCARE MADE EASY

A Modern Retail Health, Medicine & Wellness destination.

- Accessible locations
- On-demand information
- Extended hours
- Walk-in appointments
- Pharmaceuticals & Consumer products
- Transparent pricing
- Tech-infused care



RETAIL HEALTH - EPILO HealthHUB™



All of Healthcare, under one roof.



**MODERN
PHARMACY**



**PERSONAL CARE
SHOP**



**PRIMARY CARE
(WALK-IN CLINIC)**



**PATHOLOGY LAB
& GENOMICS**



FRESHWEY™
JUICES, SHAKES,
WRAPS, SALADS &
MEALS



**PRESCRIPTION
ADVISORY**



**HEALTH
CHECKUPS**



**DIET & NUTRITION
CONSULTANCY**



**DIGITAL
HEALTH & MEDICAL
RECORDS**



**GENOMICS
ADVISORY**

All of Healthcare, under one roof.

**Pharmacy - Walk-in Clinic -
Health Products - Path Lab &
Genomics - Freshwey™**



MAP YOUR GENES

DNA GENOME TESTING

A complete guide to DNA-based nutrition, diet and wellness



**START YOUR
FAMILY GENOMICS JOURNEY**



GENE TESTING SERVICES

Get your DNA tested to know the probability of major diseases like diabetes & hypertension that could affect your health.

CLINICAL GENOMICS

Oncology
Cardiology

REPRODUCTIVE HEALTH

Preimplantation Genetic
Screening (PGS)
Preimplantation Genetic
Diagnosis (PGD)



COMPLIMENTARY 1-ON-1 CONSULTATION

Complimentary consultation with
Specialists



DIET & NUTRITION

Access to personalised diet plans.



PERSONALIZED REPORTING

Get your analysis &
recommendations
anytime anywhere

PHARMACOGENOMICS

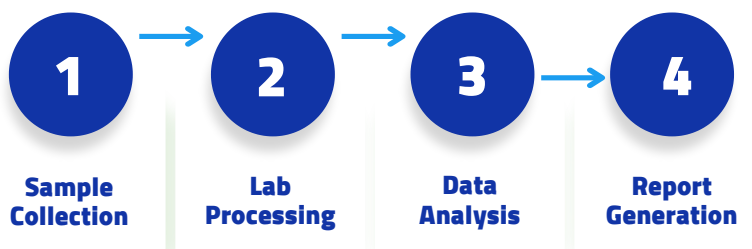
Cardiology
Neurology
Anti-Diabetic (Metformin)
Organ Transplant

WELLNESS

My Diet
My Fitness
My weight
Detoxification
My Skin



DNA Genome Testing Process:



PARTNER WITH US



Do you have the passion to be a Health and Food Entrepreneur?

Partner with us

We are inviting partners for **Epillo HealthHUB™**
A Modern Retail Health, Medicine & Wellness destination.

Become a Partner

Become a stakeholder of Asia's first Retail Health, Medical & Wellness Chain Network.

- **Minimum area required:**

Epillo HealthHUB™ : 1500 sq. ft
Freshway™ : 500 sq. ft.

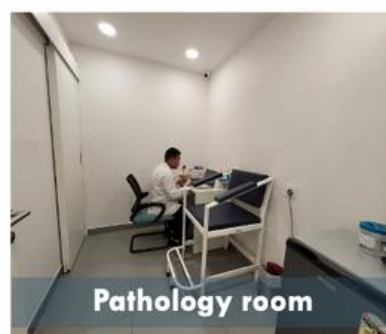
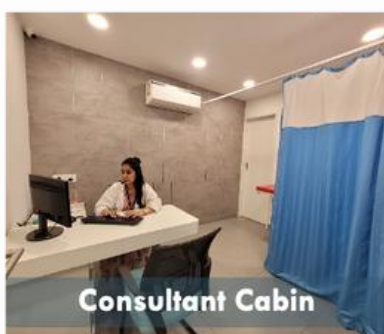
- High returns on investments
- Recession resilient Industry

Get in touch



www.epillo.com/partnerwithus

*Total investment amount may vary slightly upon location and modelling of services & products.



RETAIL HEALTH CONCEPT SHEET



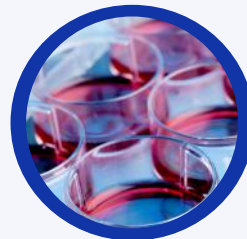
**MODERN
PHARMACY**



**PERSONAL CARE
SHOP**



**PRIMARY CARE
(WALK-IN CLINIC)**



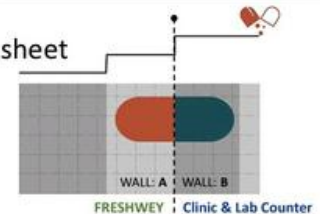
**PATHOLOGY LAB
& GENOMICS**



**FRESHWEY™
JUICES, SHAKES,
WRAPS, SALADS &
MEALS**



Concept sheet



Concept Development USP & Design Development

Glass fixture that creates a capsule shape of different colors on walls of both FRESHWEY & Clinic & Lab counter

This creates an Optic Illusion for every pedestrian showing a beautiful sight of FRESHWEY plus Clinic & Lab Counter as a whole. Keeping in mind that FRESHWEY was given the priority to be seen first we didn't let it overpower Clinic & Lab Counter.

This design achieves to showcase both FRESHWEY & Clinic & lab counter as one.



All of Healthcare, under one roof.



NUTRITION



FRESHWEY™
Be Healthier You

**Curated by Chefs, Advised
by Nutritionists & Dietitians**



**Cold-Pressed Juices | Shakes | Smoothies & Bowls
Salads | Wraps | Warm Grain Bowls | Meal Bowls | Dips**

OFFERINGS



Cold-Pressed Juices



Shakes, Smoothies & Smoothie Bowls



Healthy Wraps



Salads



Warm Grain Bowls/Meal Bowls



Dips & Sides

FRESHWEY'S PROMISE

BE HEALTHIER YOU!



100% fresh ingredients



Bio-compostable packaging



Sustainable Sourcing



Zero heat extraction



Organic, certified & preservatives-free



Full-ingredients disclosure



Health goals oriented products



Balanced with naturally occurring sugar

CHOOSE YOUR HEALTH GOALS

A healthy diet rich in fruits, vegetables, whole grains and low-fat dairy can help to reduce your risk of many diseases and morbidities.

Food-Tech & Diet Advisory

At Freshwey, we offer food & nutritional advisory and diet plan by certified dieticians & nutritionists free of cost for the first month.

FRESHWEY™
online store



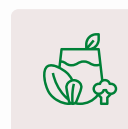
WEIGHT MANAGEMENT



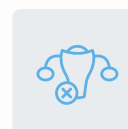
HEART HEALTH



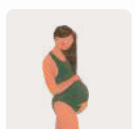
DIABETES HEALTH



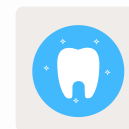
DETOX



PCOD



MATERNITY



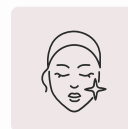
ORAL HEALTH



IMMUNITY



LACTOSE INTOLERANCE



SKIN HEALTH



GUT HEALTH



BONES HEALTH



VITAMIN BOOSTER



MENTAL HEALTH



ABOUT THE EPILLO HEALTH GROUP

Democratising Healthcare



**All of Healthcare
under one roof**

RETAIL & ONLINE

HealthHUB™ is a first-of-its-kind retailer of Health, Medicine and Fresh Nutrition in the Asian Pacific region.

HealthHUB™ offers a unique combination of Pharmacy, Walk-in Clinic, Path Lab, Personal care shop & Fresh Health Food & Beverages - all under one roof!

Read more



Real Food, Real Health

RETAIL & ONLINE

As firm believers in good health, with Freshwey™ we aim to contribute to people's health & well-being by providing them with the right nutritional food & Beverage products, nutrition advice and wellness testing.

Read more



**WEB 3.0
smart-wearables**

Explore more on how can blockchain technology can assist the health and fitness sector with enhanced data privacy, security, transparency, and decentralised payments while simultaneously incentivising people for keeping fit & healthy.

Read more



Digital Health & AI-based Drug-Food Interactions (Patent-Pending)

Digital Processes and Digital Patients: Connected care, Electronic Health Records, Mobile Apps for Patients and providers, Virtual care, Big Data & AI, Digital Therapeutics and Patent-filed Digital-Health Technologies including Digital Therapeutics (DTx) for Medication & Chronic Disease Management.

Read more



As seen in:

Forbes INDIA

Entrepreneur ASIA PACIFIC



AI-based Drug-Food Interaction Management

Technology Appraised at
USD 150 MN

READ MORE ON:

BUSINESS INSIDER

Contact us

EPILLO HEALTH SYSTEMS OÜ



www.epillo.io



info@epillo.io

LEGAL DISCLAIMER

No part of this whitepaper shall be taken to imply as being a prospectus of any kind or an advertisement for investment, nor shall it be construed as an offer or solicitation of an offer to encourage/facilitate the purchase of any securities whatsoever in any jurisdiction. This whitepaper is not in tandem with any regulatory framework, laws or authorities aimed at protecting investors. This whitepaper shall not be used in jurisdictions that limit or prohibit the sharing, publication, availability or utilisation of a whitepaper or any actions associated with it, to an absolute extent including the trade of the EPILLO coins. All participants must notify themselves on their own accord and comply with applicable limitations or prohibitions.

The EPILLO coins are not in any way being offered to or issued to citizens or legal persons residing in or located in countries or territories where transactions of the purchase/sale or any trade of digital tokens are prohibited or restricted in any manner by the respective laws or regulations of the country. Coin owners too cannot enter into transactions for the purchase/sale of digital tokens with persons residing in or located in such countries or lands. In the event that such a transaction has been initiated/executed, such transactions are unlawful and fraudulent and the concerned individual shall bear the consequences of the same.

You may lose all monies that you spend purchasing EPILLO tokens. In the event that you purchase tokens, your purchase cannot be refunded or exchanges. There is no guarantee that the utility of the tokens or the project described in the white paper will be delivered in the exact same manner as has been described. By purchasing the EPILLO token, you agree to have no recourse, claim, action, judgement or remedy against Epillo Health Systems OÜ or any of its sister concerns or affiliates if the project described in this Whitepaper is not delivered in the same manner. We recommend you to consult legal, financial, tax and other professional advisors or experts for further guidance before participating in the token sale outlined in this paper. You are strongly advised to take independent legal advice in respect of the legality in your jurisdiction of the project and token sale. Any previous publication with respect to the project and token sale, must be disregarded as the current Whitepaper has overriding features.

The Company has used reasonable endeavours to approach the Token Sale in a responsible and sensible manner. Given the legal uncertainty of distributed ledger technologies, businesses and activities as well as cryptocurrencies and cryptocurrency-related businesses and activities in a number of jurisdictions, the Company has spent time and resources to consider its business approach and where it proposes to operate now and in the future. The Company has worked with Hassans International Law Firm in respect of Gibraltar law matters. The Company has NOT taken any other legal advice in any other jurisdiction. As such, it is possible that the Company's Modex tokens described in this White Paper and which are the subject of the Token Sale (the "Tokens") may comprise a security in your jurisdiction or the offer for sale by the Company of the Tokens in your jurisdiction may be a regulated or prohibited activity and in either of these cases the Company may be liable for the same.

Citizens, nationals, residents (tax or otherwise) and/or green card holders of each of: (i) the United States of America; (ii) the People's Republic of China; (iii) South Korea; (iv) Vietnam; and (v) any other jurisdiction which prohibits or requires any supervision, oversight, licensing, regulatory compliance and/or approval from any regulatory (or similar) authority or body or from any monetary or securities body or authority for: (a) the possession, dissemination or communication of the Available Information; and/or (b) the participation in the Token Sale or the purchase of Tokens and/or the offer for sale of the Tokens or any similar activity or product, (collectively the "Restricted Jurisdictions") or any other Restricted Persons are not permitted to participate in the Token Sale. The term "Restricted Persons" refers to any firm, company, partnership, trust, corporation, entity, government, state or agency of a state or any other incorporated or unincorporated body or association, association or partnership (whether or not having separate legal personality) that is established and/or lawfully existing under the laws of a Restricted Jurisdiction (including in the case of United States of America, under the federal laws of the United States of America or under the laws of any of its States).

The Company accepts no responsibility or liability to you in these or any other circumstances. You are strongly advised to take independent legal advice in respect of the legality in your jurisdiction of your participation in the Token Sale and purchase of Tokens. The Tokens are not intended to constitute, and shall not constitute, equities or securities (of any nature whatsoever) in any jurisdiction. In no event shall the Company or any of its respective past, present and future employees, officers, directors, contractors, consultants, equity holders, suppliers, vendors, service providers, joint ventures, parent companies, subsidiaries, affiliates, agents, representatives, predecessors, successors and assigns (hereinafter the "Affiliates") be responsible or accountable or liable in any way whatsoever to any purchaser of Tokens for any loss of profits or otherwise or for any lost savings or for any incidental direct indirect special or consequential damages in each case arising out of or from or in connection with any failure by the Company or any of its Affiliates to deliver or realise all or any part of the project or the platform or the membership network or the Token features described in or envisaged by the Available Information your use or inability to use at any time the services or the products.

This is a dynamic document and subject to change by the Company.

HARNESSING THE POWER OF WEB 3.0 TO REVOLUTIONISE HEALTH, FITNESS & DEFI



**GET UPTO 1000 EPILLO
TOKENS**

FREE



Scan me!

**TOKEN GENERATION EVENT
on October 30th, 2022**

www.epillo.io/freecoins

**SELECT USERS GET A CHANCE
TO PARTICIPATE IN OPEN BETA
TESTING OF FITMINT WEAR DAPP
& WEB 3.0 SMARTWATCH**

