

RealBig

Prize games with Blockchain and AI

Outline

1. Introduction
2. Industry Background
3. Product Overview
 - Product Features
 - The Platforms
 - Smart Contracts
 - Business Models
4. Token Platform
 - Tokenomics
 - Use of Proceeds
 - Utility Token Issuance and Sale
 - Calendar Events
 - Token Sale
 - Token Timeline
 - RealB Tokens
5. Marketing and Sale
 - Marketing Strategy
 - Marketing Implementation
 - Partner Program
6. Product roadmap
 - Platform Development Roadmap
 - Product Rollout Timeline
7. Core Team
8. Board of Advisors

1. Introduction

Blockchain technology is entering into a new era of globalization manifested by the prevalence of worldwide crypto adoption especially in the emerging markets and developing countries. Indeed, current trends headed by China Central Bank crypto (followed by other countries' central banks) are advancing the access and use of virtual assets and crypto services in global trade and peer to peer transactions. As such, currently many countries with traditional or modern cultures across the globe are experimenting with cryptocurrency regulation and adoption.

Cities and communities around the world are joining the crypto movement. Miami's mayor wants to turn his city into the world's crypto capital. Miami made history last month by accepting \$7M (and counting) in gift contributions generated by MiamiCoin ("MIA"), a blockchain-based currency operated by nonprofit CityCoins. Across the USA, the mayor of Reno, Nevada, is a self-professed Chainlink "marine" and is betting big on blockchain. In California, San Francisco is expected to be the next launch for CityCoins (which is also eyeing New York, Austin, Singapore, and Seoul). And the city of Berkeley is considering issuing bonds on blockchain. Elsewhere in the world, Seoul's mayor floated the idea of creating its own digital currency, called S-coins, that could fund social welfare programs; two Belgian cities allow people to pay parking tickets with Bitcoin; and Bitcoin ATMs are opening across Latin America. El Salvador became the first to adopt Bitcoin as a national currency. Now, a long list of other countries are exploring whether to follow their lead. Dubai, The Bahamas, Sweden, and Nigeria have all launched their own digital currency, called "central bank digital currency" (CBDC). Now, 81 countries are exploring doing the same.

Covid-19 has resulted in massive growth of online marketplace and virtual activities. Specifically, the market segment for online entertainment has grown exponentially since the start of the crisis and its growth trend is expected to continue in coming years. As a result, there are enormous market opportunities for creative, simple and affordable online products.

Motivated by growth in both crypto adoption and online market size, we are excited to offer a novel product for playing virtual contests through multiple prize games. Our solution utilizes blockchain to offer a transparent, automated, and affordable product to the global customers that may not have a bank account. In particular, our product allows a user to participate in several contests with just a 9 USD monthly subscription in anticipation of winning high net prizes from each contest. Using a smart contract, the whole cycle of contest management from launching a contest to randomly selecting winners and paying affiliate marketing commissions are automated while immutable transactions are stored on the blockchain (Ethereum) public network. Further, we offer one category of prize game in which a total of 70 virtual players participate while each virtual player can be sold via NFT to a private investor in exchange for receiving 20% of player's prizes in perpetuity.

Our prize game product makes the best use of two emerging technologies: blockchain and AI. By using blockchain, we provide our users with an affordable (through eliminating exchange

rates and intermediary fees), fully automated, transparent, and scalable product. Further, we use AI to run Predictive Analytics to optimize contests' visibility based on users' behaviors and demographics via machine learning algorithms. To the best of our knowledge, our prize game product is currently the only fully-automated end-to-end blockchain-based application in the market for managing virtual contests.

2. Industry Background

Prize games typically fall under lottery games in which a participant needs to draw a set of numbers in order to potentially win a prize. On average, every second, a person in developed countries participates in lotteries. In some countries, for example in Spain, this figure is even higher and can reach 80% of the total adult population. However, despite this popularity, this industry has a number of serious flaws that worry every participant:

1. **The problem of fair play.** Neither state authorities nor independent auditors can guarantee the fairness of the draw, which repels millions of potential players.
2. **The problem of collecting winnings.** If you win the lottery, it can take up to 10 years to get the full amount of the prize. In this case, you will need to pay various fees and taxes, which can take up to 50% of the winnings.
3. **Limited access.** In many countries there is a problem with the purchase of lottery tickets due to the lack of access to payment or banking systems.

Blockchain can remedy all above challenges that the traditional lottery industry is currently facing. For example, one of the key challenges solved by blockchain is the fairness of the game. In a blockchain-based lottery, the whole process is very transparent, since the whole data about participants, draws, and winners are recorded on the ledger and publicly verifiable. This means that even if you lose a bet, you can still verify whether any of the winners were selected the same choice as you. This element of transparency will not only give winners confidence in knowing that their winnings were fairly distributed, but it will also help prevent any sort of fraud from taking place during prize distribution in a blockchain-based lottery platform.

Moreover, the draws are automated and run through smart contracts, reducing the risk of errors with no human intervention in the process. Furthermore, global availability is a massive challenge. Because of borders and local restrictions, users cannot participate in the biggest lotteries worldwide. Blockchain lotteries could be the chance to make the draws more democratic, offering more people around the world a chance to participate.

Blockchain requires a public key to play along with some form of identification which makes it much safer than any other form of payment method because no one can steal your identity or lottery ticket from you.

3. Product Overview

Product Features

The main platform offers the following main functionalities:

- Attend a contest with a sole winner
- Attend a contest with 3 ranked winners
- Attend a contest by selecting a choice and pooled winners
- NFT asset sale in the primary market
- NFT asset sale in the secondary market
- Prize royalty distribution among NFT owners

The Platforms

In this project, we will build the following 11 platforms:

1. Prize game web based platform
2. Prize game iOS and Android mobile App platforms
3. ICO platform
4. Foundation platform
5. NFT platform for the primary and secondary markets
6. Admin portal for prize game platform
7. Admin portal for ICO platform
8. Admin portal for NFT
9. Admin portal for foundation
10. Affiliate portal
11. Investor portal

Smart Contracts

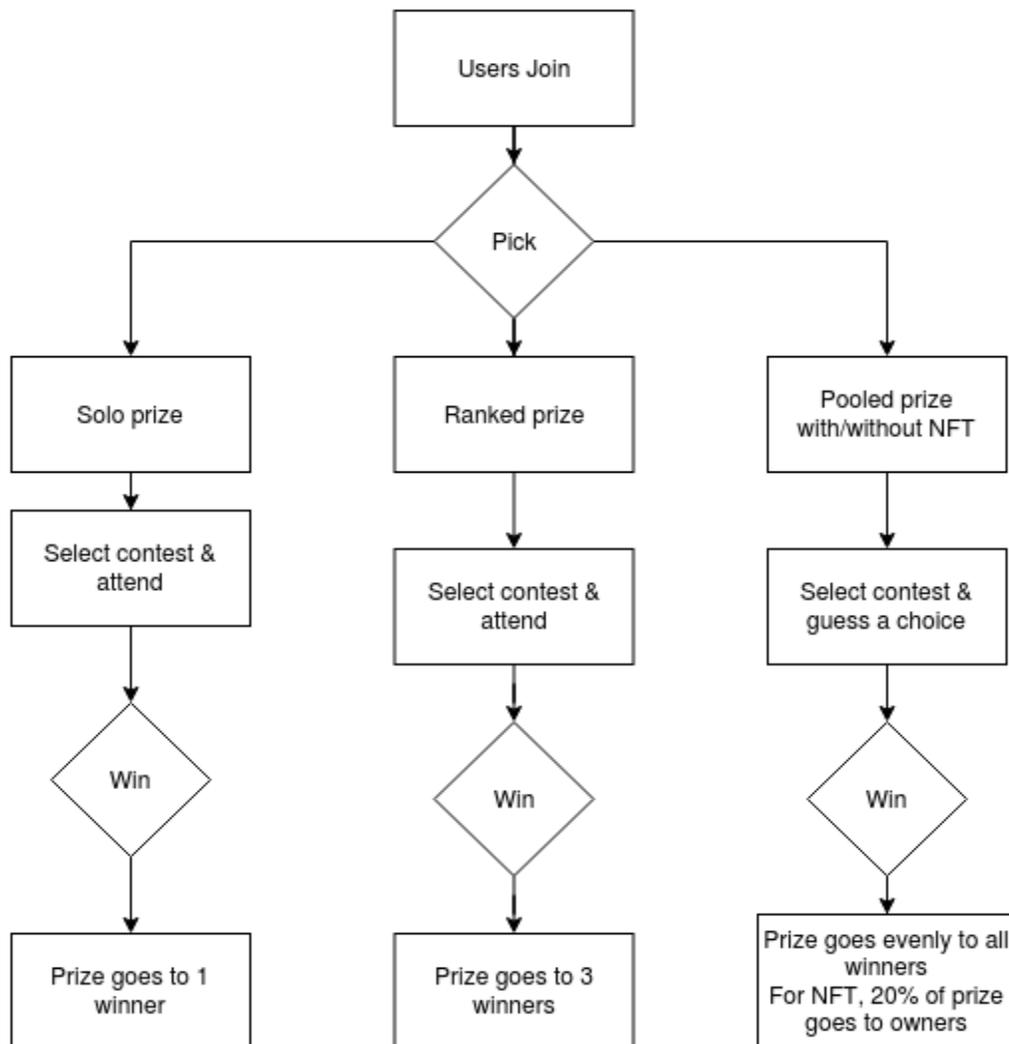
Below is a list of 18 smart contracts we will have in this project:

1. Minting and issuing RealB tokens
2. Minting and issuing RealP tokens
3. Minting and issuing NFT tokens
4. Monitoring RealP token supply in prize game platform
5. NFT primary market with bidding
6. NFT ownership transfer via donation or private deals
7. NFT secondary market with bidding
8. Prize royalty sharing for NFT owners
9. Affiliate network management
10. Prize game contest management- a sole winner
11. Prize game contest management- ranked winners

12. Prize game contest management- pooling winners
13. Wallet management
14. Stablecoin management
15. ID management for KYC/AML
16. Foundation grant management
17. Prize game token credit management
18. Payout management to staff, contractor and external expenses

Business Models

The RealBig offers three types of prize games: solo, ranked and pooling. A user joins our platform by paying a minimum (\$9) subscription fee in exchange for receiving 40 token credits. Then, users can use these credits by participating in our prize games. Under Solo model, the contest will have a single winner, whereas in pooling games there can be several winners. Once a user needs additional credits, s/he can buy it for 99 cent per token credit. The below diagram shows a high level overview of three prize games.



For solo games, there will be a total of 10 contests per month with prizes ranging from \$1-\$10k and entry token credit from 2-10 per contest and max 10 entry ticket per user per contest. When the contest deadline has been reached and not enough token credit was raised, the contest will be automatically extended 3 times (3, 5 and 7 days). Then, if still no luck, the contest will be canceled (with no reimbursement). Otherwise, a winner will be selected from the pool of participants.

For pooling games, there will be a total of 10 contests per month with prizes ranging from \$1-\$10k and entry token credit from 2-10 per contest and max 10 entry ticket per user per contest. In a pooling prize contest, a user is presented with multiple choices from which s/he needs to select one in order to enter into that contest. Depending on the number of choices, a pooling prize game comes in one of the following formats: 2, 3, 4 or 5 choices. So after a contest is finished, our system randomly selects a choice as the winner and distributes the contest prize evenly among all participants that have selected that choice. In other words, unlike the Solo model, pooling prize games can have multiple winners, so that the total prize becomes evenly distributed among all winners who guessed the right choice. The contest timing (deadline and extension) is the same as the Solo model.

In addition to prize games, we create a virtual league where 4 teams from 5 leagues (named as planets) join pooling prize games and compete with one another. In total there will be 70 players and each one of them will be sold as an NFT asset to owners who will receive 20% of their prize as royalty in perpetuity. The way virtual league works is identical to a pooling game where for instance a competition between two teams from two different planets are formed by mingling team members from both planets and present them as choices to users, from which they can select. So a team with 2 players from Moon planet will mingle with a team with 2 players from Earth planet to form a pooling contest with 4 choices or players. Thus, the winner may turn out to be the first player from planet Earth.

4. Token Platform

In this project, we will use three types of tokens as follows:

- ICO fungible tokens (RealB) with ERC20
- Utility fungible tokens (RealP) with ERC20
- Non-fungible tokens (RealN) with ERC721

The ICO tokens or RealB have finite supply and are tradable in the secondary market. However, RealP utility tokens used in our system have no intrinsic value and are not tradable in the market. They have unlimited supply. The third type of tokens or RealN are used as NFT with unique single unit supply per asset and tradability in the secondary market.

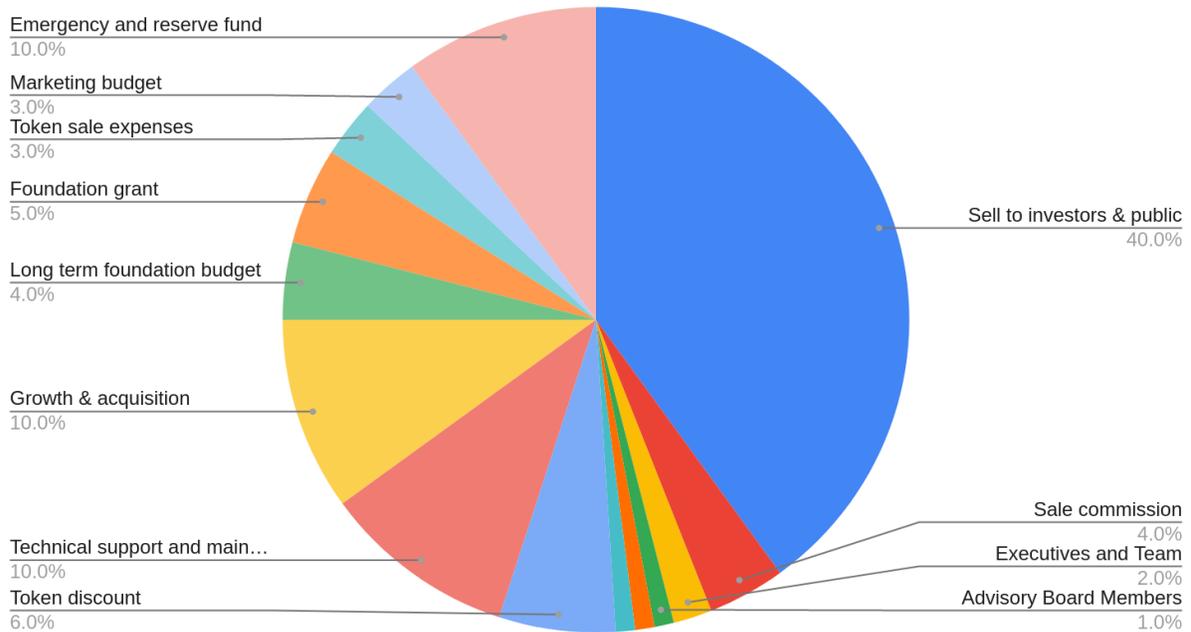
Tokenomics

Our ICO token or RealB is issued in 1B (or 1.000.000.000) finite tokens each at .1 USD. So we are going to raise \$50M in 5 month via private investors. The below breakdown is for our

tokenomics:

Token distribution

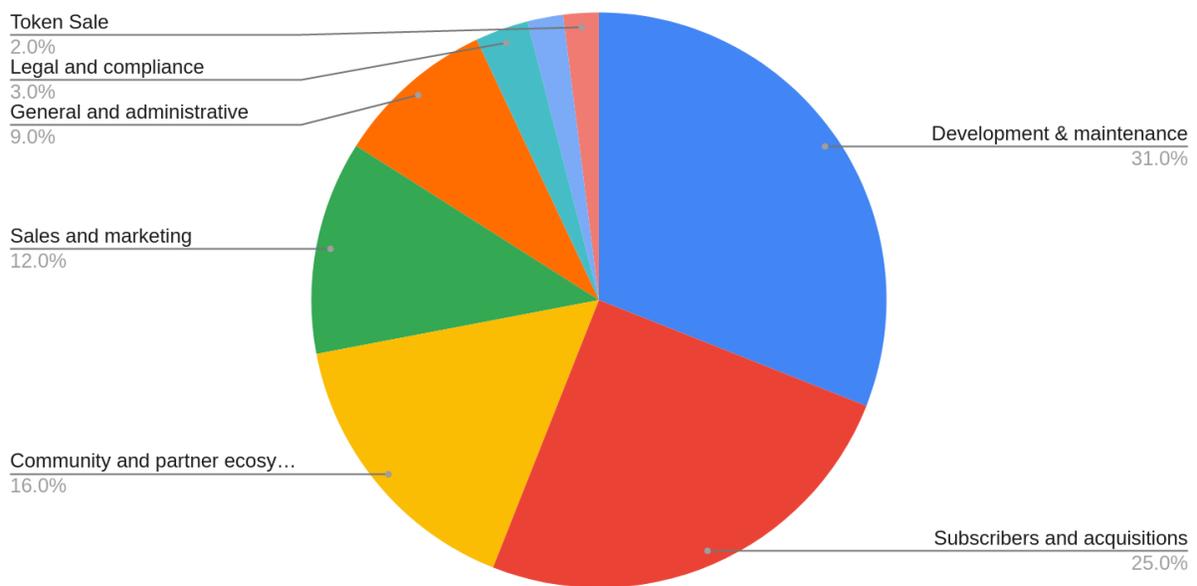
- 40% 400M sell to private investors
- 4% 40M sale commission
- 15% 50M reserved for our team
 - Executives and Team: 2% or 20M
 - Advisory Board Members: 1% or 10M
 - Consultants and Partners: 1% or 10M
 - Early supporters: 1% or 10M
 - Technical development: 10% 100M
- 6% 60M for token discount
- 14% 140M treasury
 - Emergency and reserve fund: 10% 100M
 - Long term foundation budget: 4% 40M
- 21% 210M community
 - Growth & acquisition: 10% 100M
 - Foundation grant: 5% 50M
 - Token sale expenses: 3% 30M
 - Marketing budget: 3% 30M



Use of Proceeds

We follow the following planned use of proceeds which will be reviewed and approved by our Governance:

1. 31% Development & maintenance
2. 25% Subscribers and acquisitions
3. 16% Community and partner ecosystem
4. 12% Sales and marketing
5. 9% General and administrative
6. 3% Legal and compliance
7. 2% Infrastructure and project management
8. 2% Token Sale



Utility Token Issuance and Sale

In this section, we cover the calendar of events followed by token sale information.

Calendar Events

We are planning to sell our tokens via private investors by following the below table of events.

Date	Event	Token Prices
Dec 15, 2021	private sale starts	discounted token prices
May 15, 2022	public sale starts	regular token prices

July 1, 2022	exchange sale starts	regular token prices
Dec 1, 2022	public sale End & left-over sale begins	regular token prices
Dec 1, 2023	left-over sale End	regular token prices

Token Sale

For selling our ICO tokens, we will target accredited investors. We also offer discounts to early token buyers. Also, we may sell 5% of our total left-over token, at our sole discretion, to our first round of platform customers. This section covers token sales which includes Sale Timeline, Internal and External sales. It also covers our plan for post-token sales.

Sale Timeline

The sale of RealB tokens starts on Dec 15, 2021 and continues for 12 months. After that time frame, the left-over tokens are sold in 12 months via private investors. See the Gantt Chart in Platform Development Roadmap section for details.

Internal Sale

The internal token sale comes with favorable discount rates and it is reserved for our internal team which includes the following parties:

- Executives and Team
- Advisory Board Members
- Consultants and Partners
- Early supporters

The internal sale starts on Dec 15 2021 and it will last 45 days with total 100M token cap as follows:

- 1st month: 50% discount & 20M token cap & min/max purchase pp \$10k/\$100k
- 5th week: 40% discount & 30M token cap & min/max purchase pp \$10k/\$200k
- 6th week: 30% discount & 50M token cap & min/max purchase pp \$10k/\$500k

External Sale

The external sale is done in two stages: pre-sale and normal sale as follows:

Pre-sale: 45 days & total 100M token cap

- 1st month: 20% discount & 50M token cap & min/max purchase pp \$20k/\$1M
- 5 & 6 week: 20% discount & 50M token cap & min/max purchase pp \$20k/\$1M

Normal sale: 60 days & total 150M token cap & min/max purchase pp \$50k/\$1M

- The remaining 150M tokens are sold via RealBig platform

Post Token Sale

Left-over token sale: 12 months

- Month 1 & 2: 5% of left-over tokens go on sale to private investors
- Month 3-7: 10% of left-over tokens go on sale to private investors
- Month 7-11: 20% of left-over tokens go on sale to private investors
- Month 11 & 12: 30% of left-over tokens go on sale to private investors
- Month 1-12: 35% of left-over tokens go on sale to private clients of company

Token Timeline

As discussed earlier, we have three types of tokens in our system. With regard to timing, the first token (RealB) will be issued on Dec 15 2021, second in July 2022 and last one in Nov 2022. See Platform Development Roadmap Gantt chart for details.

With regard to getting a business license for operating an online lottery, we select Dominican Republic country. Global lottery license requirement falls into three categories: 1- Countries where online lottery is regulated, 2- Countries where online lottery is completely prohibited, and 3- Almost 100 world countries that have no license requirements in place for online lottery. The category 3 includes the countries of South America like Argentina, Peru, Bolivia, partly Africa, North America including Costa Rica, Bahamas, Guatemala, and a couple of the other countries located on different continents. Regarding timing for acquiring a lottery license, we start the process of license registration as soon as we raise seed funds. Also, considering the 10 months time lag between our raised seed fund and actual lottery platform launch, we will have enough time to register our product in a few other countries besides the Dominican Republic.

RealB Tokens

The higher utilization of our ICO tokens will result in steady growth in our crypto value. The below diagram shows that in addition to the main products, there are two other areas in which our ICO tokens or cryptocurrency are used. Here is a brief overview of each area of token utilization:

I- Foundation Grants

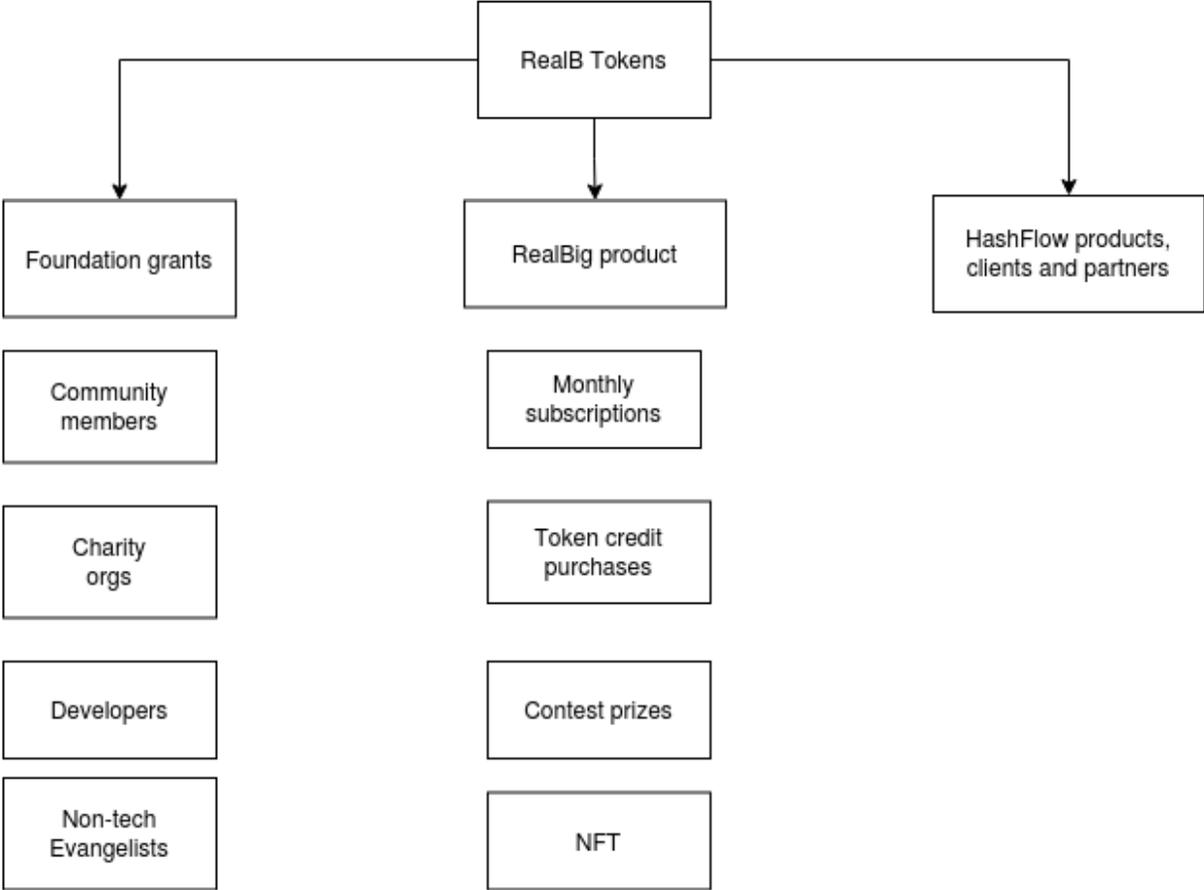
We allocate 5% of our total token supply or 50M tokens to our foundation grants that are granted to our active community members, charity organizations, developers who are integrating our platform or currency and non-tech evangelists who spread the words about our products and cryptocurrency.

II- Partners

DC Web Makers Company acts as our strategic partner in using our cryptocurrency in their internal products, their clients, and partners. Through strategic partnership with DC Web Makers, our cryptocurrency will gain good exposure in the blockchain community.

III- Prize Game Product

To join our platform and participate in prize games or buy additional token credit, users should use our cryptocurrency. Likewise, all prizes are paid out in our cryptocurrency to winners. In the same fashion, our NFT assets are sold in the primary market and traded in the secondary markets in our cryptocurrency. As such, by scaling up our product and its offerings, we will increase our cryptocurrency value exponentially.



5. Marketing and Sale

Regarding the RealBig platform, we have two target customers: price sensitive and high net worth users. The former group of customers will pay a monthly subscription and join our contests, whereas the latter group are mainly interested in buying our NFT assets as a means

of investment. As such, we follow different marketing strategies for acquiring and retaining customers in each group.

Marketing Strategy

At a very high level, our marketing strategy will target two groups of customers as discussed in the previous section. For price sensitive customers or typical RealBig users, we will use our internal resources like weekly newsletters, promotional campaigns and social media as well as external resources like affiliate networks and paid Ads. Regarding reaching and acquiring high net individuals, we will use our experienced business developers.

With respect to target markets, our main focus is developing countries that speak English and Spanish. The specifics of our target markets and customer demographics will be developed through hiring experienced market researchers and gaining access to paid industry insights.

Marketing Implementation

Our first governing marketing principal is user retention rather than new user acquisition. As such, we incorporate and enhance a customer loyalty program based on objective and achievable factors like volume of user activities. Indeed, we will consider the below factors to come up with objective metrics to reward our loyal customers.

- Frequency and length of checking our website or mobile App
- Number of attended contests per week or month
- Number of time a user uses our coupon codes
- Number of times a user reads our newsletter emails
- Number of times a user wins a prize

Our second governing marketing principal is to harness our internal resources compared to external options like paid Ads. To that end, we will put high priority on the following initiatives:

- Weekly newsletter with trackable links
- Special (invite-only) contests for our loyal customers
- Offer our token credits in bundles
- Coming soon and early booking for upcoming contests
- Push notifications on mobile phones on upcoming contests
- Refer a friend
- Discount for the length of subscription (6, 12 and 24 months)
- First month free trial

In addition to above, powered by Predictive Analytics, our AI will use archival data to predict users' behavior based on different market segments, demographics and even culture and boost the visibility of contests accordingly.

Affiliate Program

Regarding external resources for marketing and acquiring customers, we will put marketing affiliates at our top priority. By identifying and targeting affiliates in our niche, we can develop strategic partners to ensure sustainable growth. There are two categories of affiliates: solo and network. A solo affiliate acts as an independent marketer promoting our products in its own channels and platforms, whereas a network affiliate acts as a primary marketer who manages a network of secondary affiliates under its account. We offer a break-down commission based on the volume of converted leads by affiliates. Unlike other affiliate programs, we offer real-time payments to our affiliates via our blockchain smart contract.

6. Product Roadmap

RealBig team has adopted a mature product governance model used by some of the most successful software companies in the world. It includes a dedicated product management council responsible for active management of the product roadmap and dedicated product architecture council for active management of RealBig platform architecture.

Product Versions and Release Management

- Major product releases are scheduled every 6 months
- For ease of management, major product releases are aligned to calendar quarter
- Minor product releases are scheduled every 6 weeks
- Patch release are done as needed, and are primarily used for emergencies
- Sequence of releases Major – minor – minor – minor – Major
- Approved release naming convention is - MMM.mmm.ppp

Roadmap Management Guidelines

- Product roadmap management is aligned to calendar quarters
- Next quarter product roadmap must be published during current quarter
- Next quarter roadmap must be approved no later than week 8 of current quarter
- Roadmap allocates available engineering capacity for the quarter as follows
 - 77% of available capacity for roadmap related activity
 - 23% reserved for minor releases/emergency patches
- 5 releases have been scheduled by PMC team

Platform Development Roadmap

We will follow the Gantt chart below covering our main milestones in 25 months.

Project Timeline	25 Months																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Milestones																									
ICO Product																									
Research and Requirement Gathering																									
RealBig Prize Game Application: PoC																									
ICO Application: PoC-Production																									
Pre-sale to Team and Friends																									
Pre-sale to Public																									
Public Sale																									
Left-over Token Sale to Public																									
KYC/AML & Stablecoin Applications: PoC-Production																									
ICO Application: Marketing																									
Foundation Application-PoC-Production																									
RealBig Product																									
RealBig Prize Game Application: Production																									
RealBig Prize Game Application: Marketing																									
RealBig NFT Application: PoC-Production																									
RealBig NFT Application: Marketing																									
Product Maintenance and Support																									

- 5.3 - Maintain RealBig Prize Game Application
- 5.4 - Maintain Foundation Application
- 5.5 - Maintain KYC/AML & Stablecoin Application

Phase 6 (Q2 2023)

- 6.1 - RealBig NFT Application: Production
- 6.2 - Maintain ICO Application
- 6.3 - Maintain RealBig Prize Game Application
- 6.4 - Maintain Foundation Application
- 6.5 - Maintain KYC/AML & Stablecoin Application
- 6.6 - Maintain NFT Application

7. Core Team

Here is the list of our core team:

Matt Zand- CEO

Matt is a serial entrepreneur and blockchain architect with an MBA from University of Maryland plus 15 years of progressive experiences in the Software Development Life Cycle managing web, mobile and software applications from ideation to production. He is the leading author of [Hands-on Smart Contract Development with Hyperledger Fabric](#) book by O'Reilly Media. As a public speaker and blockchain expert, he has presented in North America and Europe chapters of Hyperledger. He has written more than 100 technical articles and tutorials on blockchain development for Hyperledger and Ethereum platforms.

Brian Wu- Blockchain Architect and Developer

Brian is a prolific writer on the subject of blockchain. As one of the prominent voices in the blockchain community, he has written 8 books on blockchain covering popular blockchain technologies like Hyperledger and Ethereum from beginner to advanced level. Brian holds a master's degree in computer science from NJIT. His latest book is [Hands-on Smart Contract Development with Hyperledger Fabric](#) by O'Reilly Media. He has 20 years of extensive hands-on experience with blockchain-based enterprise application design and development, big data, cloud computing, UI, and system infrastructure solutions. He has also successfully repurposed and integrated the blockchain-based applications into gaming, supply chain, as well as asset device management industries. He was one of the leading architects of stablecoin at JP Morgan. In addition to his strong background in the blockchain space, he has served as the tech lead for multiple key technology initiatives at leading financial institutions including J.P. Morgan, Citigroup, and Bank of America. Here is the list of Brian's books:

1. [Security Tokens and Stablecoins Quick Start Guide](#) by Brian Wu and others
2. [Blockchain by Example](#)- Brian Wu is a co-author

3. [Hyperledger cookbook](#) by Brian Wu and others
4. [Blockchain development with Hyperledger](#)- Brian Wu is a co-author
5. [Learn Ethereum: Build your own DApp with Ethereum and smart contracts](#) by Brian Wu and others
6. [Blockchain Quick Start Guide](#) by Brian Wu and others
7. [Hands-on Smart Contract Development with Hyperledger Fabric V2](#) by Matt Zand, Brian Wu and Mark Morris

David Lloyd- Director

David is the founder and managing director of Bell Rock Group. He has over 20 years of senior-level industry experience and provides fund governance and independent director services to a range of regulated Cayman investment funds (hedge funds, crypto funds, venture capital, private equity funds (including investment committee's), fund management companies and other alternative investment entities. David was formerly a director at Citigroup in London working on the trading desk developing and structuring multi-asset investment funds (UCITS, QIF's, SICAV's, offshore funds, structured note and derivatives platforms) and acting as investment adviser to a range of multi-asset funds and capital markets investment products. He was a member of the Citi Global Management Senior Risk Committee and formerly senior legal counsel advising on structuring and distribution of all aspects of multi asset and multi-strategy funds plus distribution. He was formerly at BNP Paribas, Credit Suisse and SunGard Global Trading.

David holds a MBA in Finance from the University of London, is a Chartered MCSI with the Chartered Institute for Securities & Investment (CISI), a member of the Institute of Directors, holds the Investment Management Certificate with the CISI, an Accredited Director (Acc.Dir), Member of the Institute of Directors (UK), Called to the Bar of England & Wales, LLB Law Degree from the University of Wales, Executive Leadership Course with SAID Business School (the University of Oxford), Fellowship Member of the International Bar Association, the ACI Financial Markets Association and a member of the Investment Management Due Diligence Association (IMDDA). David is registered with CIMA as a director under the Director Registration & Licensing Act 2014. David is a member of the Digital Asset Working Group at AIMA and holds qualifications in blockchain and DLT.

Rajneesh Gupta- Blockchain Security Specialist

Rajneesh has CISA, CPISI, Cobit 5, ISMS LA, CDPO-GDPR, CEH, and CHFI certifications. He is the author of [Hands-on Cybersecurity with Blockchain](#). He has 13 assertive years of experience in information security. He has a diverse security leadership experience, including

roles in operations, system integration, security architecture, project management, Identity, and Access management, business continuity planning, IT risk management and information security.

He has delivered multiple assignments on Cyber Security, Payments, PCI DSS, SSAE16, ISO20000, BS25999, ISO 27001, Secure Architecture Design & Solution Implementation, IT Security & Risk Management, IT Audit, Advisory & Assurance and Business Process & Controls Improvement for enterprises in United States, Singapore, India, UAE & UK.

Bury Huang- Project Manager

Entrepreneurs, Software development leader with 20 years experience in software engineering development. Grown as an backend engineer in multiple large software enterprises and grew into a software development leader with deep knowledge of backend, cloud, blockchain architecture and project management. Now managing, leading and keeping building diverse and high performance software engineering teams.

Mike Ferrari- UI Designer

Accomplished Technical & Project Leader, leveraging 10+ years of experience leading projects and teams across multiple business disciplines to produce outstanding results. Certified AWS Cloud Practitioner, AEM Sites Business Practitioner & SAFe® 4 Agilist with demonstrated expertise in UI languages and platforms such as HTML5, CSS3, Bootstrap, JavaScript(Node.js, Express.js, AngularJS, D3.js, Sigma.js), jQuery, Python (BeautifulSoup, Flask), Amazon Web Services (AWS), SQL Server, MySQL, Git, WordPress, Linux, Adobe Suite (Design), and Sketch.

Gaurav Ubnare- AWS & DevOps Engineer & Infrastructure Manager

Gaurav is a Certified Red Hat System Admin, Cloud Architect and DevOps Engineer with 10 years of industry experience. As a Cloud Expert, he has extensive experiences in core AWS services S3, EC2, ELB, EBS, Route53, VPC, Auto scaling etc. and deployment services like Elastic Beanstalk, Lambda and Cloud Formation and security practices like IAM, Cloudwatch and Cloudtrail.

8. Board of Advisors

Here is the list of our advisors:

Eric Hess- Legal Counsel & Advisor

Eric has founded Hess Legal Counsel, a cybersecurity SaaS platform and consulting company, and hosts [The Encrypted Economy](#) podcast. He has 20+ years of experience acting as senior in-house counsel, general counsel or senior management for exchanges, broker dealers, and financial services technology providers. He has a proven track record of meeting business and legal goals, including creating legal, compliance and technology & operational risk management functions, corporate finance & governance, designing compliant technology, advocating for regulatory change, closing transactions, navigating challenging issues, managing regulatory inquiries & investigations and facilitating company growth, both organically and through strategic transactions.

As founder of Helical, Eric developed and brought to market multiple cybersecurity, privacy and business continuity related products, including assessment, IT security policy auditing, enforcement and vendor risk management tools. The Encrypted Economy explores the business, laws, regulation, and security of digital assets and data with leading data science, cybersecurity, digital asset, and privacy innovators and experts.

Specialties: Digital assets and securities regulation, cyber security and privacy regulation; corporate finance and governance; investment adviser, broker dealer and markets regulation; technology and operations risk management; contract negotiation; technology transactions; dispute resolution; mergers & acquisitions; intellectual property; and advocacy.

Eric serves as secretary and board member of multiple digital asset trading firms and has represented clients in various onshore and offshore registrations. Mr. Hess holds Series 7 and 24 licenses and is admitted to practice in the States of New York and New Jersey.

Timo Tripler- ICO Veteran and Advisor

Timo Tripler is an ICO Advisor and entrepreneur with FinTech and InsurTech industry background. He is an expert in financial market and risk management with 12 years of experience in financial transactions. He advised various successful ICO projects and managed multiple crypto fund portfolios.

He has been working in the Blockchain field since 2015 and had a large number of various ICOs under his advice. He worked with a lot of ICOs and other projects, such as: AirPod, Loyakk, Faxport, Welltrado, Inclusivity, Centareum, Place To Rent, Energy Premier, WeiCrowd, Med-O Network, Vegan Nation, USAT, Tokenchanger, Autorize, Styxr, U Run It and many more.

Timo joined RealBig's advisor team and would provide professional guidance for RealBig's global fundraising as well as future project incubation and crowdfunding sectors.

He uses his business network to raise funds from institutional Investors, Family Offices, Venture Capital and Private Equity companies. He is currently connected to more than 300 institutional Investors around the world. He travels to Blockchain summits and conferences to meet new investors and to enlarge his fundraising network.

Dr. Sean Stein Smith- Assistant Professor at Lehman College

Sean is a professor at the City University of New York – Lehman College. He serves on the Advisory Board of the Wall Street Blockchain Alliance, where he chairs the Accounting Working Group. Sean sits on the Advisory Board of Gilded, a TechStars '19 company and AICPA-CPA.com startup accelerator participant, and is a strategic advisor to the Central Bank Digital Currency Think Tank. He is the immediate past chairperson of the NJCPA's Emerging Technologies Interest Group (#NJCPATech), and is the host of the NJCPA TechTalk Podcast. Sean is the President-Elect of the NYSSCPA Manhattan-Bronx Chapter.

Sean has also been named one of the Top 100 Most Influential People in Accounting, and has been named a past winner of the NJCPA Ovation Award for Innovation, has been named a 40 under 40 in the accounting profession from 2017-2021 by CPA Practice Advisor and the NYSSCPA in 2021. Sean was named on the NJBIZ Power 50 in Accounting in 2021.

Sean has published multiple books, and dozens of academic and practitioner articles connected to the topics of blockchain, cryptoassets, and financial services including publications with Springer, Emerald, and Routledge publishing houses. His award-winning research has been recognized and honored both in the United States and internationally, and he is a frequent guest on media outlets discussing blockchain, cryptoassets, and accounting technologies.

He has served as a Visiting Research Fellow at the American Institute for Economic Research (AIER), and has a book forthcoming with the Institute, due for publication in 2022 and writes a weekly column with Forbes, in the Crypto & Blockchain vertical.

Nitin Gaur- MBA, Blockchain Book Author and Fintech Expert

Nitin Gaur currently leads IBM Financial Sciences research practice, as a part of IBM Research. In this role, Nitin leads a team that aspires to play a pivotal role in reshaping the future of the financial services industry with faculty, advanced technology, and superior design in the field of financial sciences and financial technology. Transforming the financial services industry with technology into a new era with Blockchain, AI, and ML, qualitative. and quantitative modeling.

In previous role, Nitin Gaur, served as Founder and Director of IBM Digital Asset Labs - serving to devise industry standards, use cases, and working towards making blockchain for the enterprise a reality. In parallel Nitin also served as CTO of IBM World Wire - a cross border payment solution utilizing digital assets. Nitin also Founded IBM Blockchain Labs and led the effort in establishing blockchain practice for the enterprise. Prior to this role he was working in

the capacity of CTO, IBM Mobile Payments and Enterprise Mobile Solutions. Nitin holds MS in Management Information systems and MBA in Finance from University of Maryland.

Nitin is also appointed as an IBM Distinguished Engineer and is an IBM Master Inventor with a rich patent portfolio. Nitin Gaur also serves as Research and Portfolio Manager for Portal Asset Management - a Multi Manager Fund Specializing in Digital Assets and DeFi investment Strategies.

Will Button- Ethereum Book Author

Will Button has worked with multiple early-stage startups, helping non-technical entrepreneurs launch successful, profitable tech companies. He works with peers to create Minimum Viable Products (MVP), identify the target audience, and build a cost-effective, scalable infrastructure that grows with the business. He assists with fiduciary group decisions to create the right amount of technical debt at the right time to support startups from launch to exit and ensure technology costs are appropriately aligned with revenue and mitigating risk.

His startup experience with industries such as retail, fitness, healthcare, logistics, and education includes the unique customer requirements as well as the systems of reporting and compliance unique to each industry.

Will has published hundreds of videos on Egghead.io, Pluralsight, and his YouTube channel "DevOps for Developers". He is the author of "Learn Blockchain Application Development in 7 Days" (Packt Publishing 2018) and "The DevOps Career Guide" (KDP 2021).

He has spoken at events internationally on development, operations, and growth in startups and is the co-organizer of the Phoenix DevOps Meetup.

Dr. Mike Mu- Blockchain Security and Cryptography Expert

Mike is a software developer and security researcher with over fifteen years of direct experience, of which the last seven have been focused on blockchain and advanced cryptography. His scope of work has included high throughput blockchain projects, consensus protocols, privacy transactions, Solidity smart contracts, custom Substrate pallet, and ink! Smart Contracts.

Mike's ongoing research is focused on post quantum cryptography (PQC) primitives and the feasibility of using PQC for blockchain digital signature schemes. Prior to his work with blockchain, Mike developed and supported a large-scale, real-time, Internet voice communication system that supports 100,000 simultaneous voice calls.

Jim Sullivan- MBA, Blockchain and Cloud Expert

Jim is a senior blockchain consultant and developer at DC Web Makers. He has a Bachelor's Degree in Electrical Engineering and a Master's Degree in Computer Science along with an MBA. He has been a practicing software engineer for 22 years. Currently, at DC Web Makers, he leads an expert team in Blockchain development, DevOps, Cloud, application development, and the SAFe Agile methodology. He is an IBM Master Instructor. He is a Blockchain professional, and a MultiChain partner. He is also an expert in HyperLedger, Ethereum, Corda, and is architecting and developing blockchain-based web products. He has also taught blockchain courses for companies such as O'Reilly Media. Prior to joining DC Web Makers, he was part of the IBM Hyperledger team.

Here is a list of some of Jim certifications:

- [Certified Scrum Master](#)
- [Certified SAFe 5 Program Consultant](#)
- [Certified Jira Administrator](#)
- [Hyperledger Professional](#)
- [R3 Corda Certified Professional](#)
- [Healthcare Blockchain Certified](#)
- [Kubernetes DevOps Professional](#)

Mario Butler- MBA, NFT Expert, Blockchain Author and ICO/STO/IEO Investor

Founder and creator of "Dreamster" the World's largest Non-Fungible token platform to mint, buy, trade and sell NFTs for Digital and real world assets. Author of "Hard Wallet Organizer", a guide created to securely write private security keys and other codes when downloading Cryptocurrency wallets and signing up for Cryptocurrency exchange accounts. Seed investor for Ontology", "Dragonchain", "EOS", and "Quantstamp. Certified Smart Contract Practitioner. Founder of Progressive Counseling which opened in 2008 and is an outpatient rehabilitation facility focused on improving behavioral health through psychiatric treatment and evidenced-based therapy.

Received multiple three-year accreditation awards in the mental health industry since 2011 from "CARF international" which is a group of companies that includes CARF Canada and CARF Europe, and is an independent, nonprofit accreditor of health and human services.

Brian Virts- Blockchain Infrastructure Expert

Brian is an expert in blockchain network architecture, blockchain infrastructure planning and public/private blockchain scaling best practices including network resource management in AWS, including HyperLedger and Ethereum. He has a strong background in dev/ops support, dapp architecture and WEB3 technologies.

Brian is a crypto asset support technician and blockchain architect. Who is educating and integrating private and corporate companies into blockchain technologies to better secure their assets and services. Brian is a support team leader with a strong background in fintech, supply chain and network infrastructure security.

Mike Chan- MBA, Marketing and Growth Expert

Mike is currently the Chief Commercial Officer of UTU, leading all business initiatives including Sales, Marketing, Customer Success, Partnerships, and more.

He has extensive experience launching and growing startups and small businesses in the blockchain and technology space, with a focus on marketing, sales, product, and strategy. He was formerly the CMO of Meter, Coinifide, and Thorn Technologies. He has launched three tech startups and a consulting firm, and was the Senior Director of Strategic Marketing for the Washington Capitals. He is also an advisor to various startups and small businesses.

Mike received his B.S. in Materials Science and Engineering from Lehigh University, M.S. in Industrial Engineering from Georgia Tech, and MBA from NYU Stern School of Business. He lives in Washington, D.C. with his wife and daughter, and is an avid snowboarder, poker player, and power napper.