

Indonesia Maju Hacks 2020



Implementation of Tokenin Blockchain App with Flutter and Si Bejo Crypto Gaming As The Next Wave of Innovation For New Business Opportunities In Covid-19 Situation In Indonesia

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For Indonesia Maju Hacks

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Overview

Si Bejo is an action-packed platformer mobile gaming with handcrafted art which takes place in Indonesia. Loaded with gun blazing, mega explosions, crypto items promoting tourism, and intense labyrinth maze to train your memory. It has fast-paced 5 levels to complete with no fuss, it's also perfect for casual time.

Our hero character's name Bejo is a robot that comes from the future to save the archipelagic country. The resource-rich country has been suffering for many decades from a corrupt centralized-system. Play as Bejo and defeat as many enemies as you can by destroying them and get a reward upon game completion.

This game would emulate Ready Player One film where the player can collect tokens as many as they can, and upon completing the all levels, player's ethereum address will be saved and the relevant item will be sent to the player's address as a reward. I hope you like this new concept of playing games and by playing this game we can also reach out to others during the hardship.

The background of the slide is a colorful, stylized illustration of a fantastical landscape. In the upper left, a large, leafy tree stands on a grassy slope. In the center, a hot air balloon with a yellow and orange patterned envelope floats in a sky with soft, pastel clouds. To the right, a small village with traditional houses is built on a cliff edge, with a waterfall cascading down. The overall scene is bright and cheerful, with a mix of green, blue, and yellow tones.

Mission

My mission developing this game is to promote tourism in Indonesia as this sector is one of the most gruesomely affected by the pandemic. The country itself has a beautiful landscape, rich in diversity and has its own unique culture. All these 'items' will act as a database and it will be stored forever in the digital token made by the blockchain technology.

Everyone who is playing the game can search the collectible digital tokens that will be deployed inside the game. Whenever a player pick-up a token from the game, the token will be automatically stored into player's crypto wallet. Thereafter a player can trade the token over the blockchain network or a marketplace that is using Ethereum blockchain protocol.



Vision

To scale up the digital ledger technology with smart contract not just for gamers but also for businesses, small-medium enterprises and for the people that are not bankable yet they are struggling on everyday life in Indonesia.

Manifesto

A token of appreciation is ready. The distributed ledger technology with smart contract is here. Blockchain will eventually empower us with trust to rebuild the exhausted society and its worn-out workers. Security and transparency will be the things that we need and endure the most to what we all facing right now against the centralized system that already saturated and lacking of grasp and care to the grass roots. Centralized system supposedly ensuring everything hold still, but unfortunately it is just keep falling apart, tumbling down in every corner and in every aspect of our lives.

We do not get dignity from power. Every man are born free to play and to keep his dignity by getting same equality rights to have a job for their families as the common good.



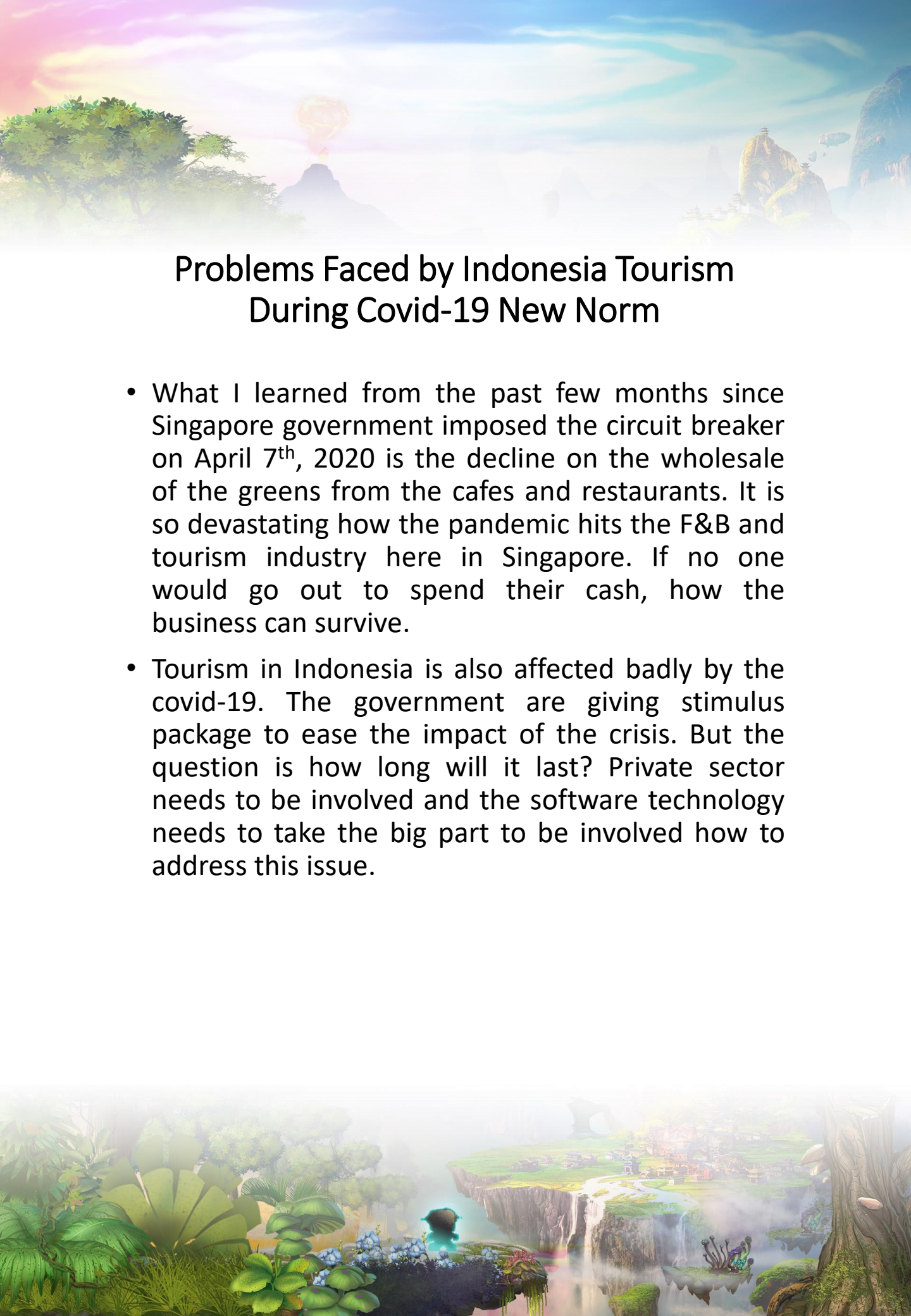
Problems Faced by The Online Shoppers & Merchants

- Case Study of [IndonesiaCoffeeBeans.com](https://indonesiacoffeebeans.com)
- I run business in Singapore by selling greens in Singapore for retail market with Shopee and website too. I also do direct sales as wholesaler for the cafes and the restaurants. The greens are the unroasted coffee beans I source from regions in Indonesia. The greens from Indonesia are great beans and the demands are many in Singapore.
- Buyers are often asking me about the origin and authentication whether the greens are really coming from the respective kampung (village) as shown from the packaging. The relevant agriculture regulator in Indonesia have had issued couple of geographical indication certificates. But these certificates can be altered in many ways. And how do I convince my customers that the certificate has not been tampered with?
- Another issue is some of my customers willing to give some contribution to the farmers as an appreciation to the work the farmers have done by delivering good quality of greens. All the contribution for the donation would always come through me as the distributor due to the relationship or simply because the language barrier. There must be a way that my customer could give their 'token of appreciation' directly to the farmers whom I worked with. I am totally fine with it, as long as the farmers get what they deserve.

Problems Faced by The Coffee Farmers As Small-Medium Enterprise

- Case Study of Pak Yoni Eka Saputra
- Pak Yoni is a coffee farmer from Pagar Alam town, close to Mount Dempo in South Sumatra. Coffee bean has become a part of his life. Just like many other small farmers in Pagar Alam who runs kebun kopi (small coffee estate), which family-run business, they do not have the scalability to expand the business. It is a blood-bath competition on local market or else where in the coffee industry in Indonesia. You need to have value prepositioning in what ever you could to leverage your bargaining power for your business to strive for. The only last thing Pak Yoni could ever imagine how to leverage himself with other thousand of farmers is by look up onto the technology. He joined a coffee buyers & sellers in Whatsapp. That is how I met Pak Yoni. He probably needs something else from the technology that could offer him better.





Problems Faced by Indonesia Tourism During Covid-19 New Norm

- What I learned from the past few months since Singapore government imposed the circuit breaker on April 7th, 2020 is the decline on the wholesale of the greens from the cafes and restaurants. It is so devastating how the pandemic hits the F&B and tourism industry here in Singapore. If no one would go out to spend their cash, how the business can survive.
- Tourism in Indonesia is also affected badly by the covid-19. The government are giving stimulus package to ease the impact of the crisis. But the question is how long will it last? Private sector needs to be involved and the software technology needs to take the big part to be involved how to address this issue.

Solution Concept Diagram



Crypto Token Know Your Customer For SME

Tokenin.id - New business model with tokenomics



TOKENIN

HOME

CREATE CRYPTO TOKEN

THE BLOCKCHAIN

CRYPTO WALLET

Create Your Crypto Token

Fill up this form to start your first blockchain token

*Required

Email address *

Your email address

Select your asset category *

Choose

Full name

Crypto Token To Be Deployed and To Be Circulated
on the Ethereum Network Protocol
Via Crypto Gaming

Crypto Token Know Your Customer For Indonesia Tourism

Tokenin.id - Promotes Indonesia with collectible crypto tokens



TOKENIN

HOME

CREATE CRYPTO TOKEN

THE BLOCKCHAIN

CRYPTO WALLET

Wonderful Indonesia Blockchain Program

Fill up this form to start your first blockchain token

***Required**

Email address *

Your email address

Select Tourism Category *

- ☐ Nature
- ☐ Historical
- ☐ Art & Culture

Crypto Token To Be Deployed and To Be Circulated
on the Ethereum Network Protocol
Via Crypto Gaming

Crypto Token Know Your Customer For The Local Coffee Farmer

Tokenin.id – Indonesia Coffee Farmer Unity Bridge



TOKENIN

HOME

CREATE CRYPTO TOKEN

THE BLOCKCHAIN

CRYPTO WALLET

Indonesia Coffee Farmer Unity Program

*Required

Email address *

Your email address

Full name *

Your answer

Coffee Estate Plantation Location *

Crypto Token To Be Deployed and To Be Circulated
on the Ethereum Network Protocol
Via Crypto Gaming

Crypto Token Output Diagram



Mint token of
appreciation

Mint collectible
token



Batik of Indonesia

Deployment



Deployment

Crypto Token To Be Deployed and To Be Circulated
on the Ethereum Network Protocol
Via Crypto Gaming

Promoting Indonesia With Game Design Ecosystem

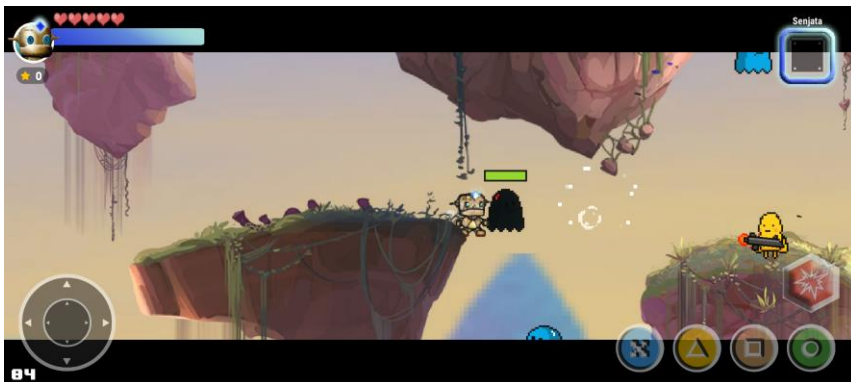
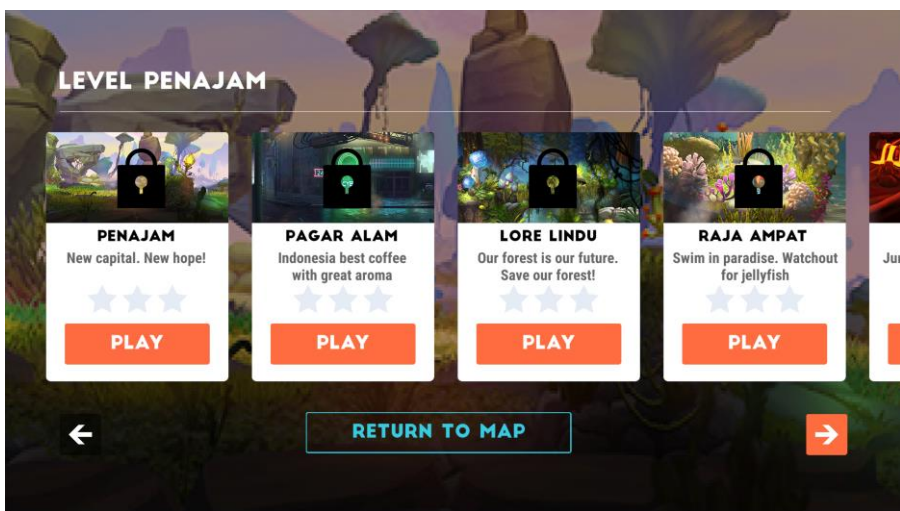
1. Name of Product : Si Bejo. The name means to bring luck in cosmological Javanese culture and is also represents the grass root people in social anthropology of Indonesian culture.
2. Platform : Mobile gaming for android and IOS
3. Genre : Action classic 2D adventure platformer
4. High Level Concept : 5 Levels of excitement. Perfect for Casual Time with only 100mb file size at max. to download and beautiful handcrafted game art.
5. Indonesia archipelago as the map of the game
6. 4 Game maps that are taken from the tourist destinations in Indonesia AND 1 game map where the name is taken from the region where the coffee beans are produced.
7. The beauty of Indonesia landscape such as forest, under water, cities, mountains, etc. represented in hand-drawn digital art painting form.
8. Collectible crypto items such as batik, coffee, endemic fauna, traditional dance, local instrument. These items are tradeable over the Ethereum network protocol.



Game Maps Si Bejo Cryptopelago

1. Penajam Map

- a) Theme : Fantasy
- b) Tagline : New capital. New hope!
- c) Crypto Token : Batik of Indonesia
- d) Map Type : Labyrinth maze



Map of Penajam



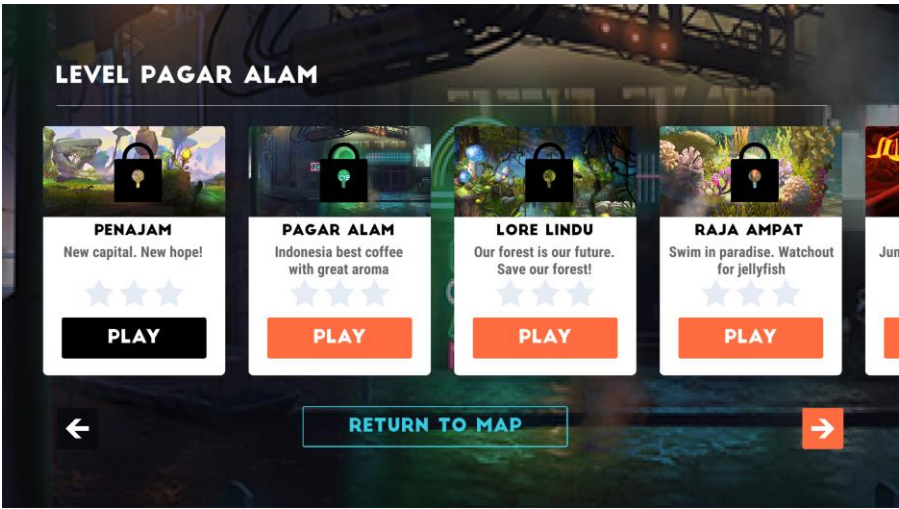
Sasando
Crypto Token



Game Maps Si Bejo Cryptopelago

2. Pagar Alam Map

- a) Theme : Steampunk city
- b) Tagline : Indonesia best coffee with great aroma
- c) Crypto Token : Pagar Alam Coffee
- d) Map Type : Labyrinth maze



Level Selection



Map of Pagar Alam

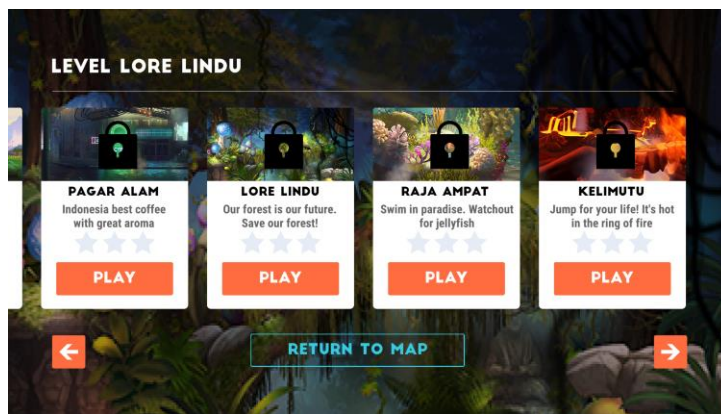


Crypto Token

Game Maps Si Bejo Cryptopelago

3. Lore Lindu Map

- a) Theme : Forest
- b) Tagline : Our Forest is our future. Save our forest
- c) Crypto Token : Tonkean Macaque
- d) Map Type : Horizontal auto-scrolling



Level Selection



Map of Lore Lindu



Tonkean Macaque

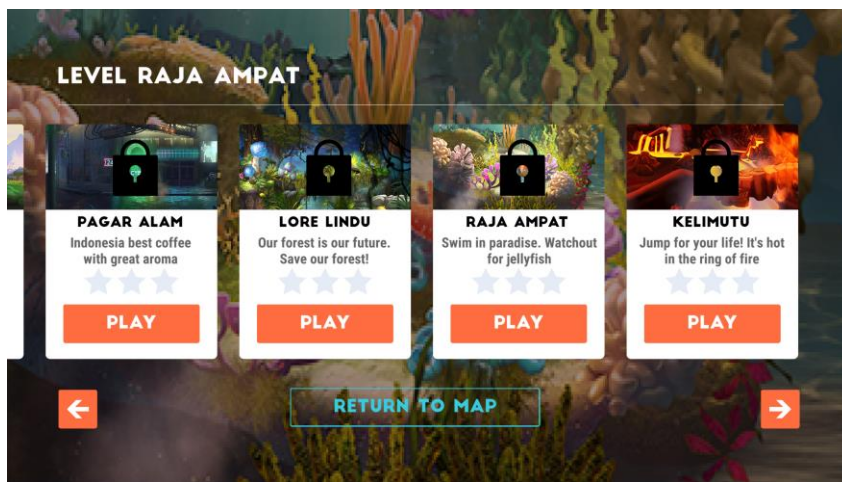
Crypto Token



Game Maps Si Bejo Cryptopelago

1. Raja Ampat Map

- a) Theme : Under water
- b) Tagline : Swim in paradise. Watchout for jellyfish
- c) Crypto Token : Traditional Dance
- d) Map Type : Labyrinth Maze with gravitational 2d game physics



Level Selection



Map of Raja Ampat



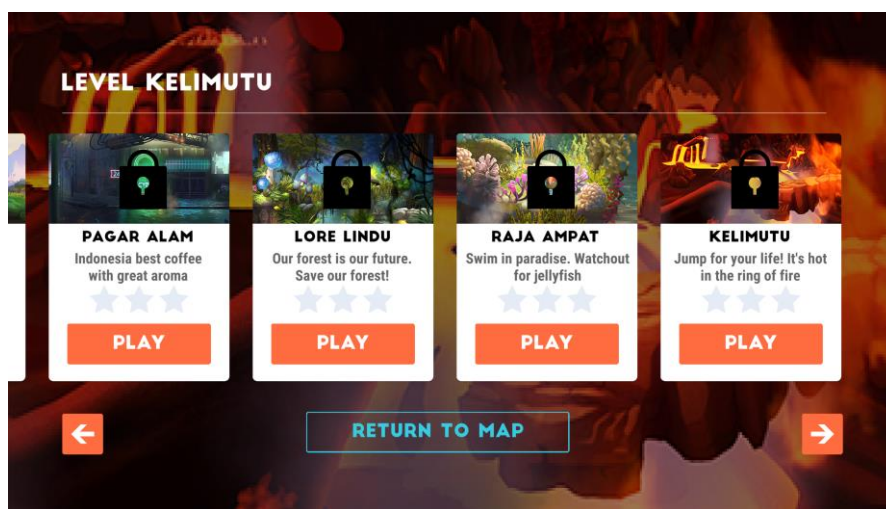
Papua Welcoming Dance

Crypto Token

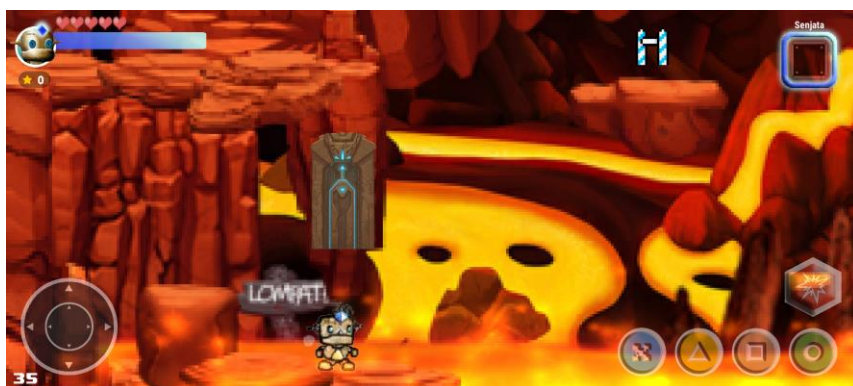
Game Maps Si Bejo Cryptopelago

5. Kelimutu Map (Final Level)

- a) Theme : Volcano
- b) Tagline : Jump for your life! It's hot in the ring of fire
- c) Crypto Token : Batik of Indonesia
- d) Map Type : Vertical auto-scrolling



Level Selection



Map of Kelimutu



Batik of Indonesia

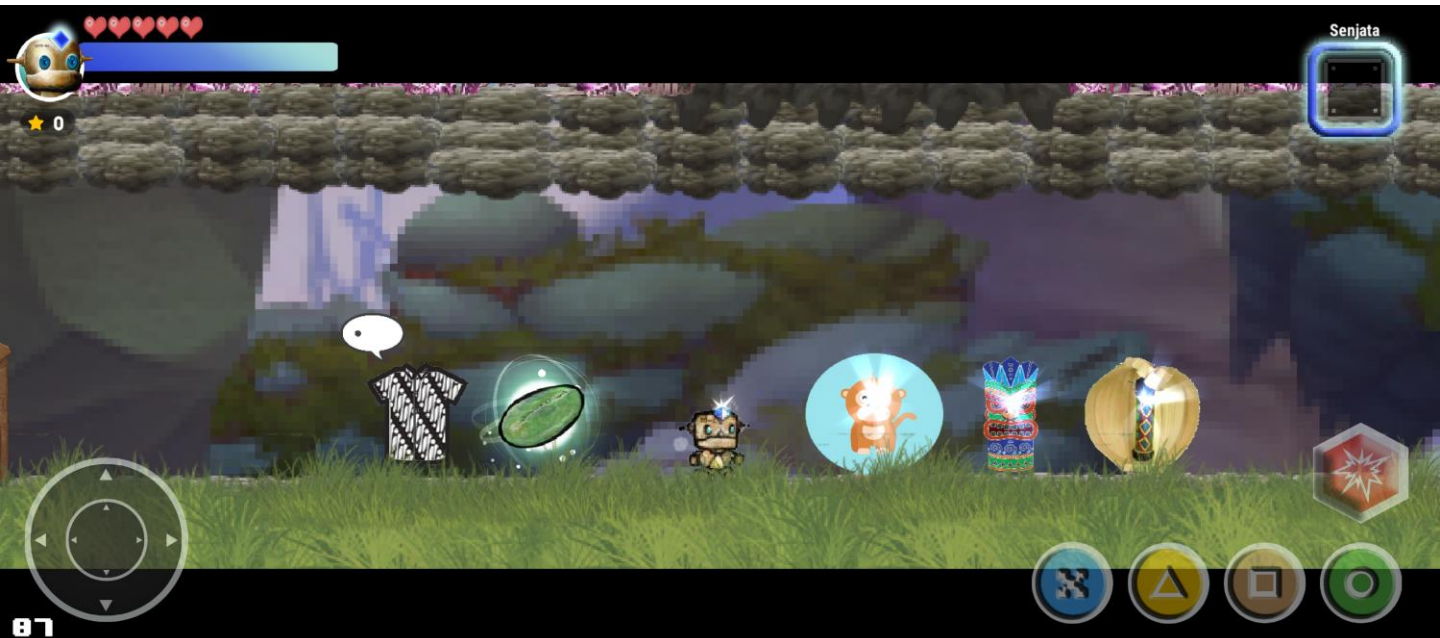
Crypto Token

Hash address : 0x58f74b43b473183c4ae2d2b5f6b25a6fff1fc9ecb61502d7e400a11e2976a967

Total Supply : 10

Value : \$2.01 (as of 15 Aug 2020)

Crypto Token Si Bejo Cryptopelago



From left to right : Batik of Indonesia, Kopi Pagar Alam, Si Bejo Character, Tonkean Macaque, Tarian Selamat Datang, Sasando



Business Opportunities & Market Capitalization

1. Indonesia Tourism As Leading Sector

Source : [Rencana Strategis Pengembangan Destinasi Dan Industri Pariwisata 2](#)

STRATEGIC RATIONALE : PARIWISATA DI DUNIA



PARIWISATA ADALAH KUNCI PEMBANGUNAN, KESEJAHTERAAN DAN KEBAHAGIAAN →

PARIWISATA ADALAH SEKTOR UNGGULAN
(TOURISM IS A LEADING SECTOR)

- Meningkatnya destinasi dan investasi pariwisata, menjadikan Pariwisata sebagai faktor kunci dalam pendapatan ekspor, penciptaan lapangan kerja, pengembangan usaha dan infrastruktur;
- Pariwisata telah mengalami ekspansi dan diversifikasi berkelanjutan, dan menjadi salah satu sektor ekonomi yang terbesar dan tercepat pertumbuhannya di dunia;
- Meskipun krisis global terjadi beberapa kali, jumlah perjalanan wisatawan internasional tetap menunjukkan pertumbuhan yang positif → 25 juta (1950) → 278 juta (1980) → 528 Juta (1995) → 1138 Juta (2014).

Sumber: UNWTO Tourism Highlights, 2014
UNWTO World Tourism Barometer, Jan. 2015
WTTG, Jan. 2015

No	2012		2013		2014 (s.d. Sep 2014)	
	Jenis Komoditas	Nilai (juta US\$)	Jenis Komoditas	Nilai (juta US\$)	Jenis Komoditas	Nilai (juta US\$)
1	Minyak & gas bumi	36,977.00	Minyak & gas bumi	32,633.2	Minyak & gas bumi	23,402.2
2	Batu bara	26,166.30	Batu bara	24,501.4	Batu bara	16,011.9
3	Minyak kelapa sawit	18,845.00	Minyak kelapa sawit	15,839.1	Minyak kelapa sawit	12,756.8
4	Karet olahan	10,394.50	Pariwisata	10,054.1	Pariwisata	8,221.3
5	Pariwisata	9,120.85	Karet olahan	9,316.6	Pakaian jadi	5,660.3
6	Pakaian jadi	7,304.70	Pakaian jadi	7,501.0	Karet olahan	5,538.8
7	Alat listrik	6,481.90	Alat listrik	6,418.6	Makanan olahan	4,755.3
8	Tekstil	5,278.10	Makanan olahan	5,434.8	Alat listrik	4,744.3
9	Makanan olahan	5,135.60	Tekstil	5,293.6	Tekstil	4,031.0
10	Kertas dan barang dr kertas	3,972.00	Kertas dan barang dr kertas	3,802.2	Bahan kimia	3,071.0
11	Bahan kimia	3,636.30	Kayu olahan	3,514.5	Kayu olahan	2,930.5
12	Kayu olahan	3,337.70	Bahan kimia	3,501.6	Kertas dan barang dr kertas	2,870.7

Jumlah Wisatawan Mancanegara dan Peroleh Devisa Pariwisata Tahun 2011 - 2015

Tahun	Wisatawan Mancanegara		Rata-Rata Pengeluaran Per Orang	Penerimaan Devisa	
	Jumlah	Pertumbuhan (%)	Per Kunjungan	Jumlah (juta USD)	Pertumbuhan (%)
2011	7,649,731	9.24	1,118.26	8,554.39	12.51
2012	8,044,462	5.16	1,133.81	9,120.85	6.62
2013	8,802,129	9.42	1,142.24	10,054.14	10.23
2014	9,435,411	17.29	1,183.43	11,166.13	22.42
2015 (Jan-Aug)	6,322,592		1,187.88 *	7,510.48 **	

Sumber : Litbangjakpar & BPS

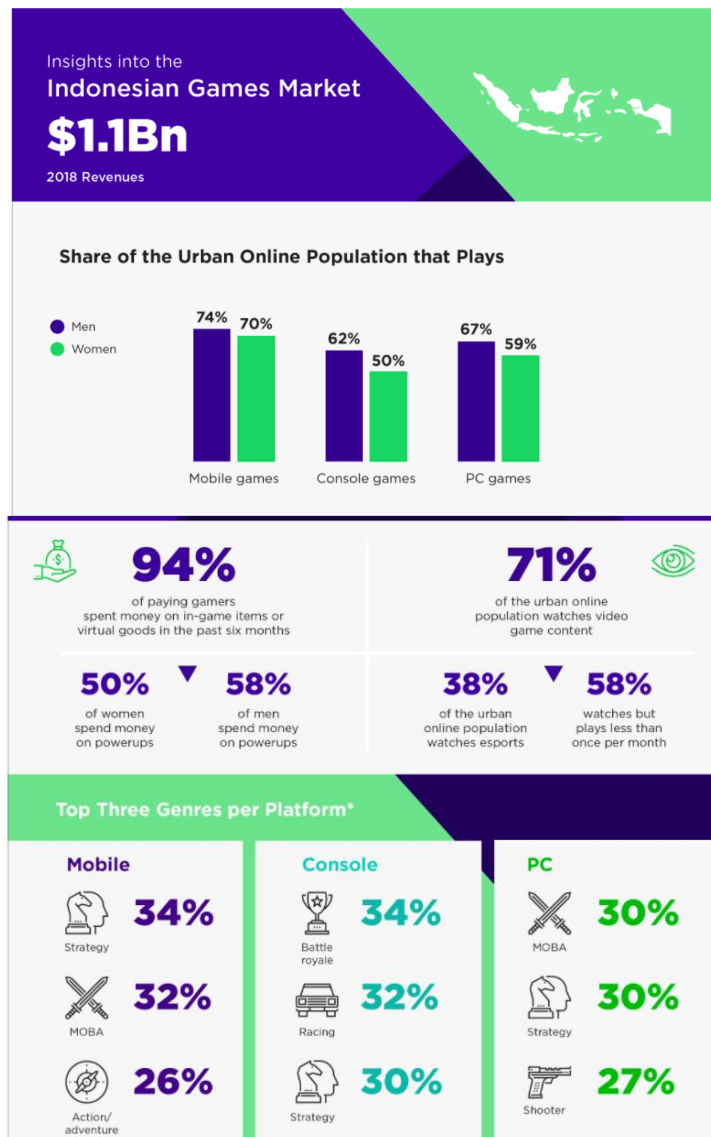
Keterangan : * : Rata-rata Pengeluaran Per Orang Per Kunjungan tahun 2015 merupakan hasil prediksi sementara oleh Litbangjakpar 2015

** : Jumlah Penerimaan Devisa tahun 2015 merupakan posisi sementara Januari - Agustus 2015

Business Opportunities & Market Capitalization

2. Mobile Games Market in Indonesia

Source : [Newzoo.com](https://www.newzoo.com)

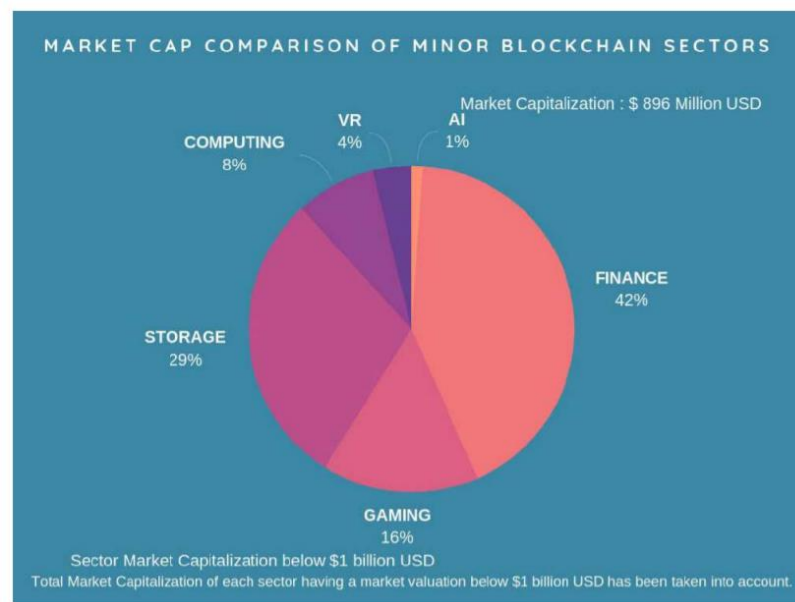
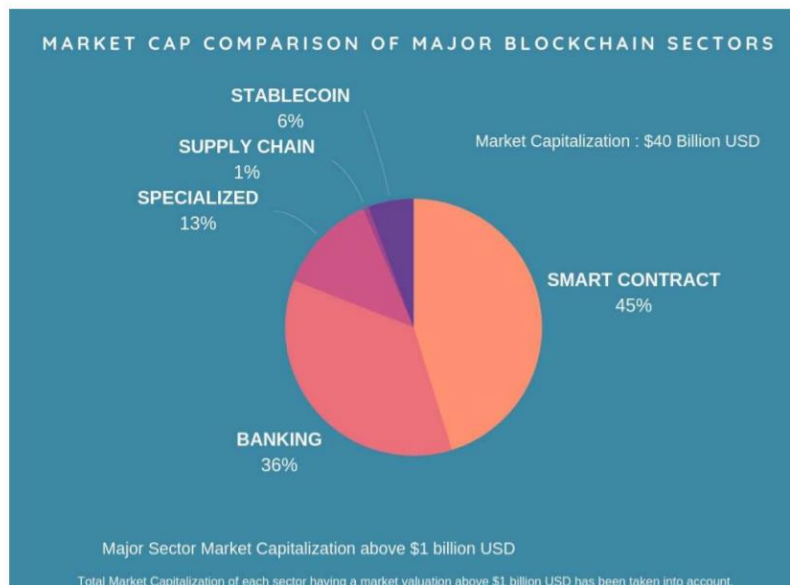


Business Opportunities & Market Capitalization

3. Blockchain Ecosystem Market Capitalization

Source : lkigailaw.com

Major Blockchain Sector Projects



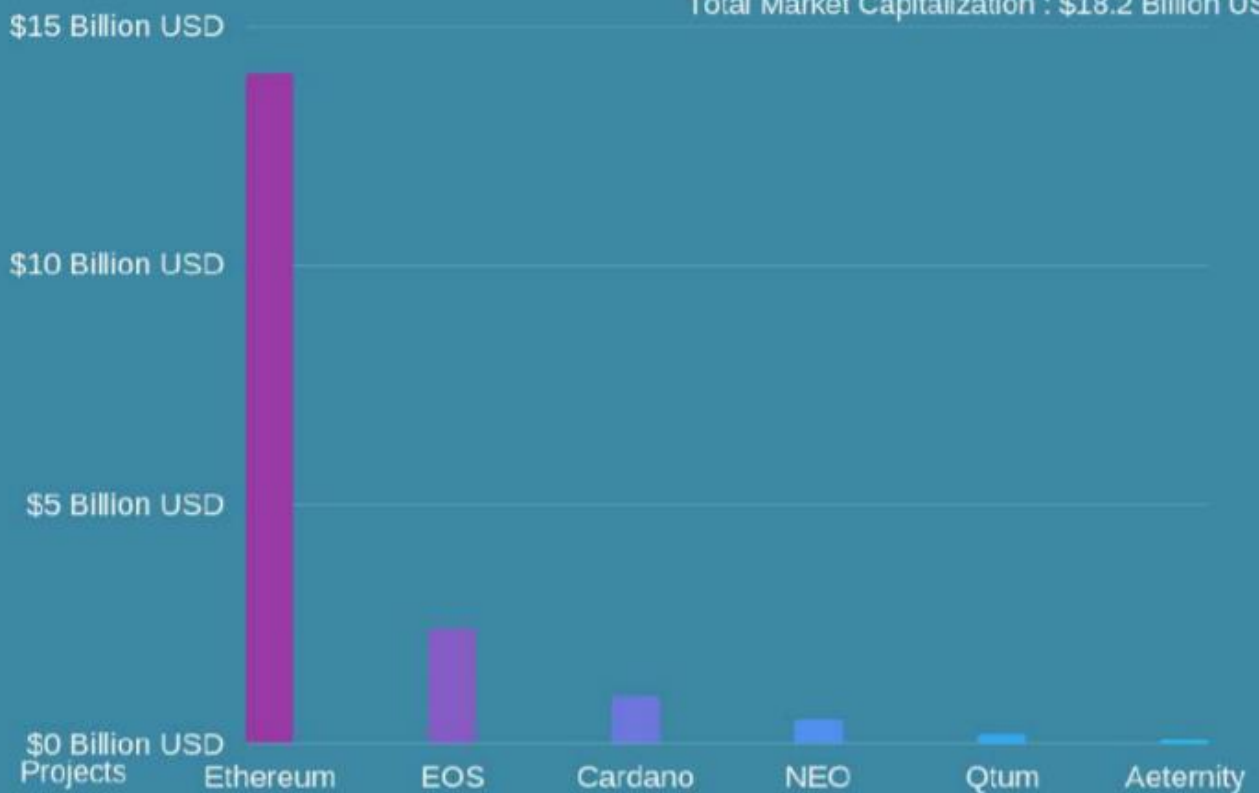
Business Opportunities & Market Capitalization

4. Ethereum Protocol Market Capitalization

Source : lkigailaw.com

MARKET CAP COMPARISON SMART CONTRACTS

Total Market Capitalization : \$18.2 Billion USD



Market capitalization of top 10 projects (leading by market capitalization & funds raised) in smart contracts sector has been taken into account.

Business Opportunities & Market Capitalization

5. Ethereum Protocol Market Capitalization

Source : lkigailaw.com

MARKET CAP COMPARISON GAMING INDUSTRY

Total Market Capitalization : \$202.7 Million USD

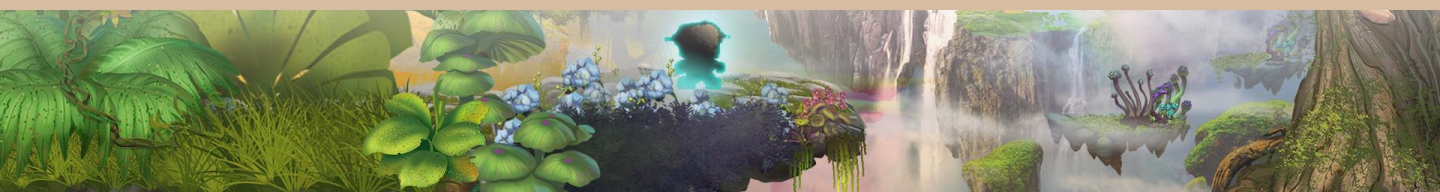


Market capitalization of top 9 projects (leading by market capitalization & funds raised) in Gaming sector have been taken into account.

Executive Summary

It is a huge business opportunities and a possibilities to achieve an immense growth by integrating the two entities TOKENIN.id as KYC blockchain platform and a game branding Si Bejo as a marketing funnel to reach out to the mobile gaming market with blockchain-driven approach. By doing a vertical integrated business model it would make the business model more stand out in very less competitive market industry in Indonesia both gaming and blockchain technology.

As we are looking to other sectors, Indonesia tourism, retail merchants, or SME business owners, which also has great potential business development, we can infuse to the business model with the local content that is more bound into the grass root and local communities, thus penetrates into the market more viable and building a cohesive eco-system.





THANK YOU

