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Overview of Blockchain, Digital Currency & Travel Industry Pain Points

Overview of Blockchain & Digital Currency

Currently, most people use a trusted middleman such as a bank to make a transaction. But blockchain allows consumers and suppliers to connect directly, removing the need for a third party.

Using cryptography to keep exchanges secure, blockchain provides a decentralized database, or "digital ledger", of transactions that everyone on the network can see. This network is essentially a chain of computers that must all approve an exchange before it can be verified and recorded.

The 3 main characteristics of blockchain technology are as follows:

a) Distributed Ledger

All the nodes in network contain copy of trasactions, which helps to maintain the integrity of the trasactions and becomes very difficult to manipulate the transactions. This also cuts down the agent/central authority to verify transactions and hence reduces the time consumed.

b) Hash Function (Encryption & Decryption)

All the transactions are encrypted and decrypted with private keys which only the user hs access to. This hash functions are almost impossible to decode without the private key and hence it is the most secure format in present day. Also users privacy is maintained.

c) Smart Contracts

A smart contract is a contract which on completion of the terms is automatically executed, without any manual intervention.

Many people know it as the technology behind Bitcoin, but blockchain's potential uses extend far beyond digital currencies and financial industry.

The rise and consecutive development of the cryptocurrency and its market is one the prominent features in the annals of human history. Within a small period of time, it has become a part of the ever spanning globalization. Who knew that a side product of an invention would captivate this world in such a pace! With some inherent advantages, this technology would surely dominate the human transaction in near future.
The Bitcoin became the first cryptocurrency or the first digital or the first virtual currency in the world. Following its footsteps, the digital market was filled with other virtual currencies like Litecoin, Ripple, Ethereum, Dogecoin, Coineye, etc. If we speak in numbers, the total market of digital currency is about $90 billion, till 25th July 2017. This digital market is dominated by the bitcoin with 48% share, Ethereum 21% and ripple 7.5%. Our endeavor is to concentrate on these three digital currencies having a total market share of 76.5%.

Crypto-financing via an initial coin offering (ICO) is the best form of financing to create a decentralised ecosystem.

Overview of travel industry and its pain points

The travel and tourism industry is one of the world's largest industries with a global economic contribution (direct, indirect and induced) of over 7.6 trillion U.S. dollars in 2016. The direct economic impact of the industry, including accommodation, transportation, entertainment and attractions, was approximately 2.3 trillion U.S. dollars that year. A number of countries, such as France and the United States, are consistently popular tourism destinations, but other, less well-known countries are quickly emerging in order to reap the economic benefits of the industry.

The present pain points in travel industry include finding a group of like-minded people to travel with, it is also hard to find a reliable local person who can show around, document security in foreign country, communication barrier, agreement between agency and travellers, currency exchange and high exchange fees, planning itinerary if traveling on your own, credit card bookings and many more such pain points.

We understand the travel industry and we think that blockchain technology can make wonders in it.

Overview of Mitrav

Vision and Mission

To bridge the communication and cultural gap around the world and provide travellers with a blockchain based automated assistance through which travellers can meet, plan, do bookings, earn while they travel, exchange fiat currency with negligible fees and keep on improving to add value to travellers.

Improve contract and transaction efficiency of bookings and realize the market oriented travel industry potential.

Solution We Offer

Group & Plan

Using the app, travellers can add friends, locals or fellow travellers in the area. To facilitate this the app is designed to show travellers who share the similar plan on the user screen. Users can then create groups of users and plan their trips.

Blockchain Based Document Vault

The document vault is a decentralised storage where all important document required during your travel can be stored. Some of the salient features of the vault include

 - The storage uses blockchain technology which is decentralised and highly available.

 - The storage is highly secure as only authorised parties can access the vault.

Language Translator Chat System

The app provides multiple language support to overcome the culture and language barriers that are faced by travellers. Travellers can chat in their own language and not worry about the communication gap caused by different languages. For security and privacy purposes, END-TO-END ENCRYPTION is provided to all the chats.

Coin Wallet

A decentralised multi crypto asset storage system will be provided by the app that can store all major coins.

 Guide and Earn

Travellers can help other travellers explore the travel sites and earn MTR tokens for their services . This will help travellers to earn while they travel. This could attract bag packers and student travellers who travel on meagre budget. The Users can then rate their guide for the services provided which will other travellers.

Blog and Earn

Travelers can write blogs on the app, and earn MTR Tokens depending on the likes they get for their blog. This will help build a ecosystem that will provide authentic and useful tips/reviews to the travellers.

Chat Based Smart Contracts

Imagine how easy would it be if you can agree on the terms with other travellers or agents on a chat. The app plans to provide a simplified chat based smart contract, which will also include sending payments via chat.

Fiat Currency Exchange

MTR Tokens can be exchanged with any of the fiat currencies. For this we plan to tie up with exchange agents in different countries. This will provide travellers with hassle free currency exchange service. The travellers would need to only have MTR Tokens in their wallet.

Smart Itinerary Planing

Itinerary planning is a tedious and time consuming task. We plan to provide an Itinerary Planning bot that will help simplify the task. The bot requires the traveller to simply provide the list of desired destinations and their travel period. The bot would then provide the

traveller with a daily time based itinerary taking into consideration the best time and route to travel to those destinations.

Store/Restaurants/Hotel Listings

The app would list all the famous stores, restaurants and hotels at the trip destination. This listing will help travellers choose the restaurant/hotels and can also rate them.

Hotel/Transport Bookings

Booking your stay and transport is always expensive when you need to pay in different currency than the currency of your card. With MTR tokens users can book any hotel or transport listed on the app and never worry about exchange rates and extra fees levied by credit card companies.

Benefits of Mitrav

Faster

Secure and Reliable

Budget

Roadmap & Timeline

Roadmap

Phase 1

Group & Plan

Blockchain Based Document Vault

Language Translator Chat System

Coin Wallet

Phase 2

Guide and Earn

Blog and Earn

Chat Based Smart Contracts

Fiat Currency Exchange

Phase 3

Smart Itinerary Planing

Store/Restaurants/Hotel Listings

Hotel/Transport Bookings

Timeline

September 1, 2017 : Issuing White Paper and Beginning of Countdown

September 5, 2017 : Pre ICO Sale

October 5, 2017 : ICO

November 20, 2017: ICO Ends

November 25, 2017 : Distribution of Tokens

December, 2017 : List MTR on exchange

March, 2018 : Implement 1st phase of Mitrav

July, 2018 : Implement 2nd Phase of Mitrav

November, 2018 : Implement 3rd Phase of Mitrav

Dec, 2018 : Tie up with global partners

Overview Of MTR Tokens

MTR tokens are ERC 20 tokens built on top of ethereum.

Total Distribution: 100,000,000

Presale: 10,000,000 (10%)

ICO: 50,000,000 (50%)

Mitrav Team: 15,000,000 (15%)

Future Sale: 20,000,000 (20%)

Rewards & Bonuses: 5,000,000 (5%)

Fund Distribution

Technology Development : 35%

App Marketing : 15%

Advertising and Branding: 20%

Operation and Country setup: 25%

Management Team: 5%

Rules of targeted ICO

Currency Accepted
BTC ETH

Purchase Price
Lot 1: $0.26

Lot 2: $0.31

Lot 3: $0.38

Lot 4: $0.46

Lot 5: $0.62

Prototype Screenshots