

Team 5

By: Dharshini Saravanan, Meciél Guisihan,
Michael Kiss, Miten Patel





The Question

Your team is involved in designing a new cryptocurrency for a sovereign client. You have been asked to evaluate Ethereum as a contender of bitcoin for the basis of your currency. What does your team think and would suggest as your team's choice to your client?

What is Bitcoin?

- A form of digital currency founded in 2009.
- Classified as “Decentralized currency”
 - There is no bank or central authority governing Bitcoins
 - Controlled by network of users who control and verify the transactions
- Transactions are recorded and logged in blockchain
 - A form of database that stores cryptocurrency transactions in chronological groups, known as blocks, instead of folders and tables like normal databases
- Bitcoin Transactions = not true
 - Ross Ulbricht





Advantages of Bitcoin

- Created 2009, it is the oldest traded cryptocurrency
- Recognized by major financial institutions
 - Bank of America gave bitcoin their seal of approval as an asset class in 2021
- Highest Capitalization (Lowest risk of volatility)
 - \$2 trillion market value and 200 million users
- There have been 668 million bitcoin transactions, and not a single case of counterfeit coins.
 - By comparison according to the United States Department of Treasury, an estimated **\$70 million** in counterfeit bills are in circulation
- Financial Freedom to transact globally without currency conversions.
 - No need to worry about foreign exchange market



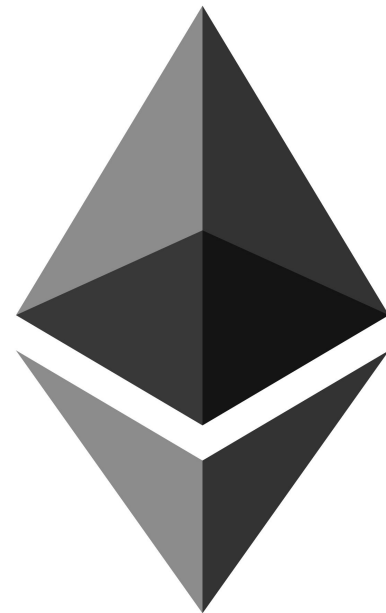
What is Ethereum?

- A sophisticated, decentralized application platform that extends the possibilities of blockchain technology
- Designed to be different than Bitcoin
- Ether, is the native currency on Ethereum, but can build your own tokens.
- Smart Contracts has a platform for execution that maintains consistency.
- Any code that runs on one node runs on all nodes in the same way
 - This allows a wide range of applications to be deployed across untrusted environments
- Allows a wide range of value trades without the risk of fraud, censorship, or third-party interference.
 - You don't rely on any intermediary to broker your transactions.
- Due to decentralization of Ethereum, you can conduct transactions faster, with cheaper service costs.



The Pros and Cons of Ethereum

- Pros
 - Globalized transactions
 - Quick mining
 - Great Support
 - Zero downtime
 - Efficient
- Cons
 - Limited transactions
 - Transactions are not free
 - Price volatility





Places that accept Ethereum as Currency

- Travala
- Overstock
- Purism
- Amazon with BitPay
- Cryptopart and Cryptocove
- Toro Coffee Co.
- Shopify





Why should the client use Bitcoin as currency?

- Our team's choice: Bitcoin
- Bitcoin enables businesses to use algorithms that allow financial transactions to occur in real time. The barrier breakthrough with Bitcoin now allows businesses to avoid dealing with the complexity of traditional financial transactions on the internet as well as allowing global access to cash exchanges.
- Crypto provides a new avenue for enhancing a host of more traditional Treasury activities, such as: Enabling simple, real-time, and secure money transfers. Helping strengthen control over the capital of the enterprise. Managing the risks and opportunities of engaging in digital investments.



Benefits of Bitcoin for Enterprise

- Bitcoin has user autonomy
- Bitcoin transaction are conducted on a peer-to-peer basic
- Bitcoin transaction do not incur banking fees
- Bitcoin Payments have low transaction fees for international payments
- Transactions are secure for Bitcoin users
- Accessibility



THANK YOU



Sources

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