

Blockchain second hand market using **ethereum**

Group 6

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지마켓 계정, 中 타오바오서 판매...

“유출된 개인정보 조합해 악용...비번 바꿔야”

백봉삼 기자 | 입력: 2018/08/22 17:57 | 유통

‘티몬페이’ 또 명의도용 ...

개인정보·결제입력시스템 문제
고객 아이디·비밀번호만 알면

Critical Weakness

11번가·G마켓 등 해킹해 44억 채긴 일당 재판에

인터넷 쇼핑몰 '인터파크' 해킹.. '1030만명' 개인정보 유출

CBS노컷뉴스 김수영 기자 | 2013-12-13 10:18



뉴스듣기



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가



서울중앙지검 첨단범죄수사2부(조재연 부장검사)는 인터넷 쇼핑몰 사이트를 해킹해 수십억 원의 부당이득을 챙긴 혐의(컴퓨터등 사용사기 등)로 김모(29)씨 등 2명을 구속기소하고 유모(28)씨 등 3명은 불구속기소했다고 13일 밝혔다.

Amazon leaks users' names and emails in 'technical error'

But it's declined to share further details

Why?

- Store in Centralized Server
 - Personal Information
 - Financial Information
- Easy to Hack

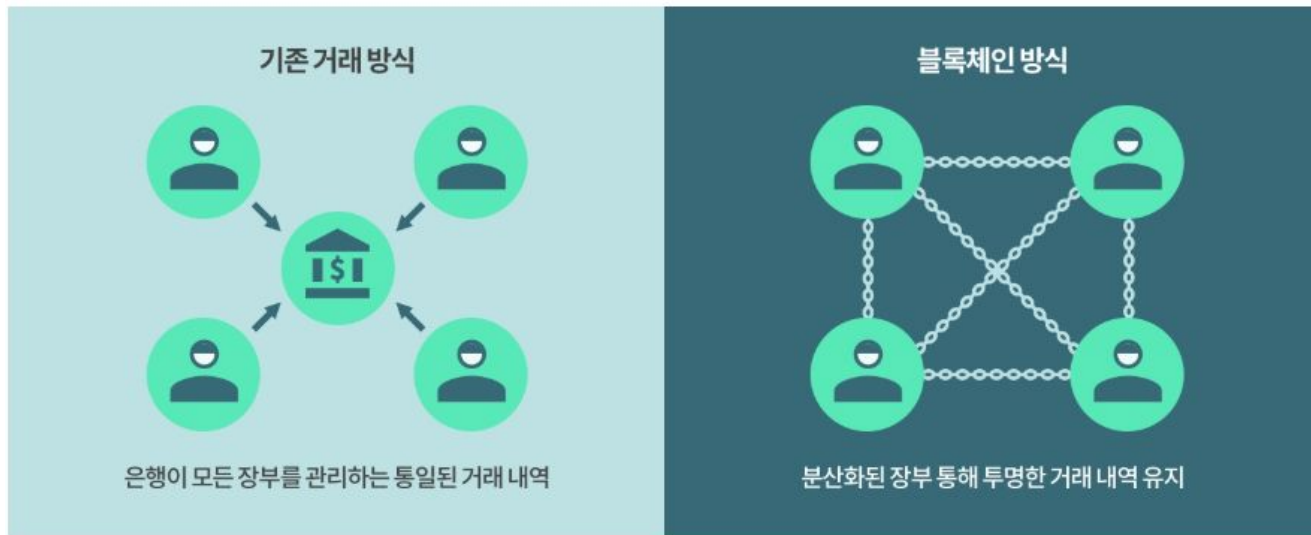


What is
Blockchain?



What is
Ethereum?

Blockchain?



출처: SW 중심사회

centralized

decentralized

Ethereum?

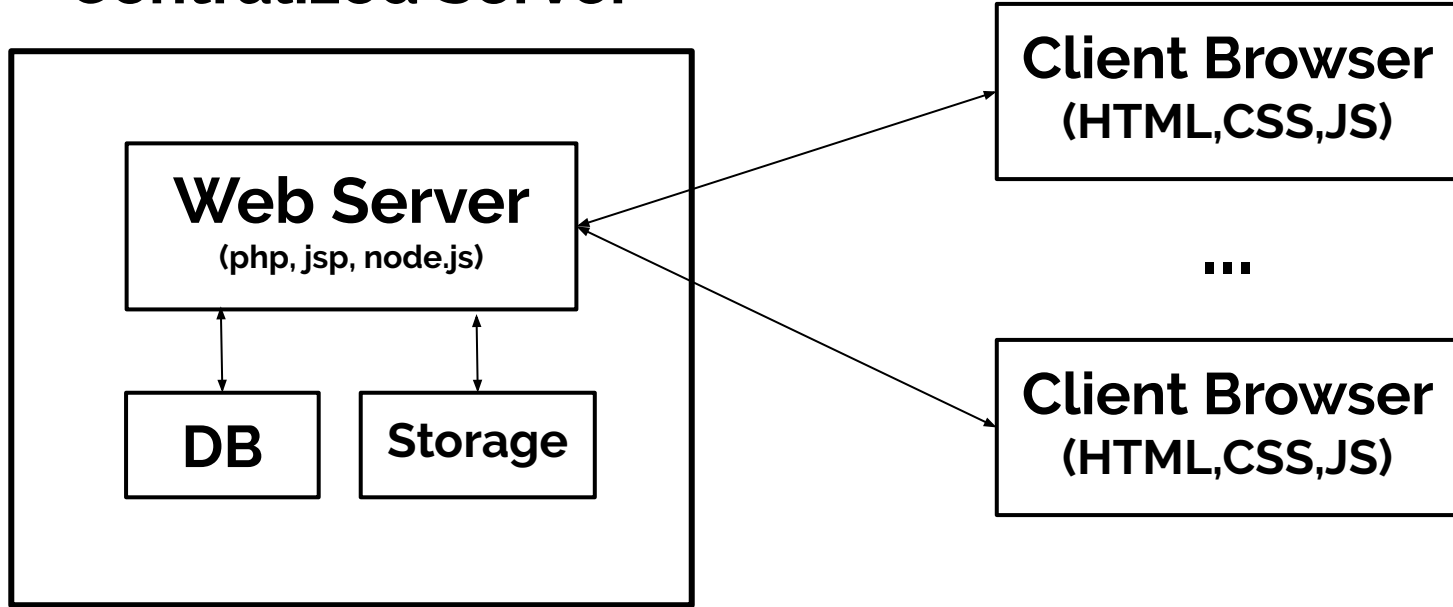
- Open source, public, blockchain-based

Distributed computing platform

- and operating system featuring **smart contract**.
- Using **Solidity** language to make smart contract.
- Developing **dApp** on the ethereum platform.
- dApp runs on the **EVM** environment.

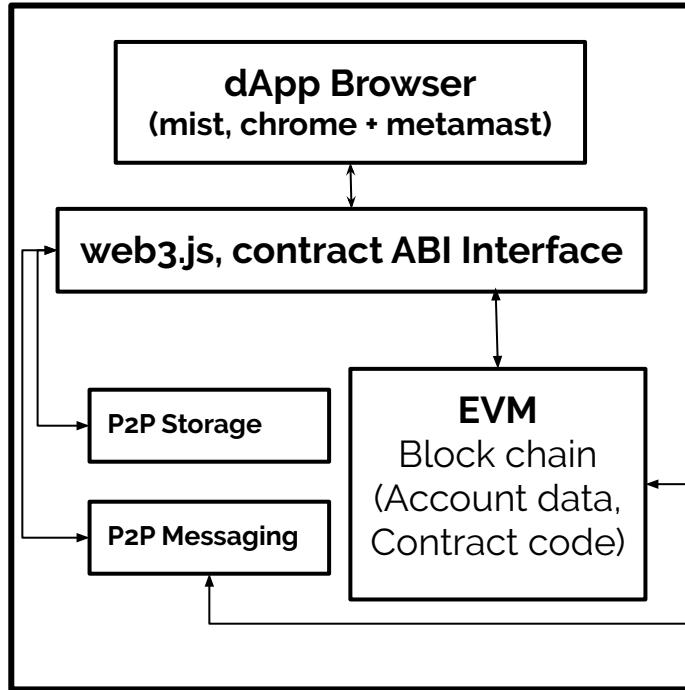
Common 3-tier Web architecture

Centralized Server



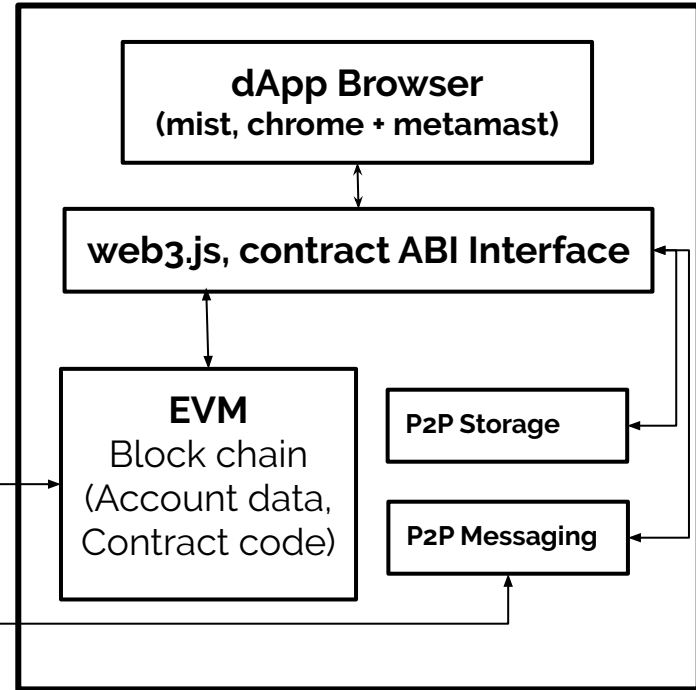
Decentralized Application architecture

Independent node



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Independent node



Role Sharing



FrontEnd

TaeGeon An

FrontEnd

ZHU YI

BackEnd

JuYong Shin

BackEnd

Jinkyu Han

Plans

- **September**

- Gather information about blockchain,ethereum, etc.
- Make BM and Story Board(feedback with mentor).
- Select specific item.
- Set up the development environment.
- Learn Solidity to develop smart contracts.

- **October**

- Start developing(frontend: html,css / backend: solidity)
- Do the meeting with mentor frequently.

- **November**

- Test the entire system.
- Detect and correct Errors.
- Add more items after the system has stabilized.

Final Goal: Run our service!

- Frontend
 - Design UI/UX of the website refer to common online markets.
- Backend
 - Build a brand-new decentralized server using blockchain technology.



Contact

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Thank you!