Blockchain second hand market using ethereum

Business Model & Story Board

Group 6
2019-2 CDP1, KNU CSE

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Role Sharing

FrontEnd
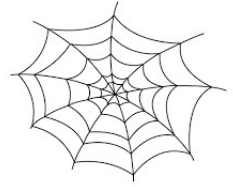
TaeGeon An

FrontEnd

ZHU YI

BackEnd

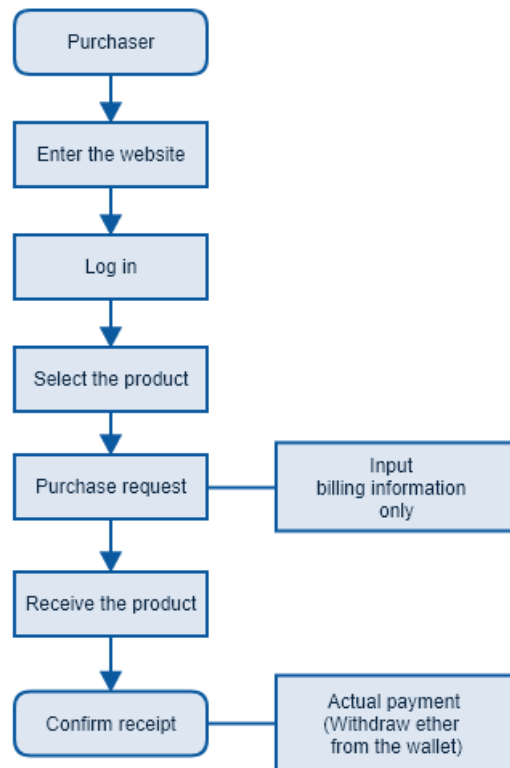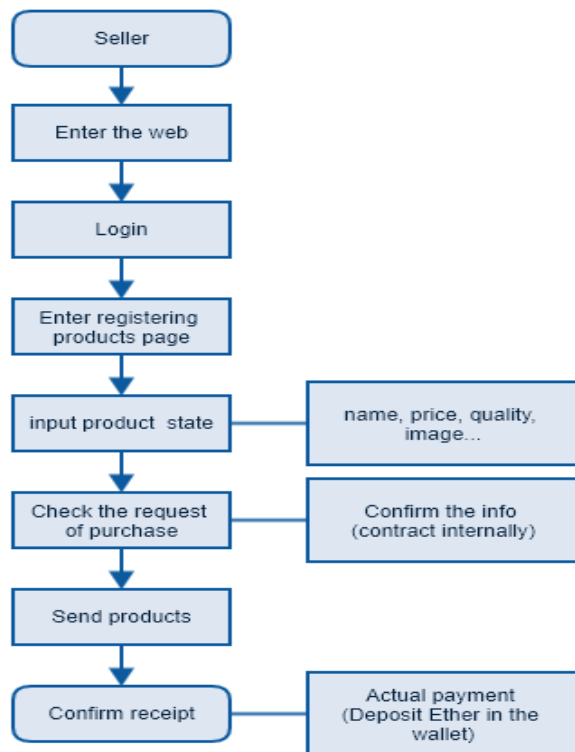**JuYong Shin**
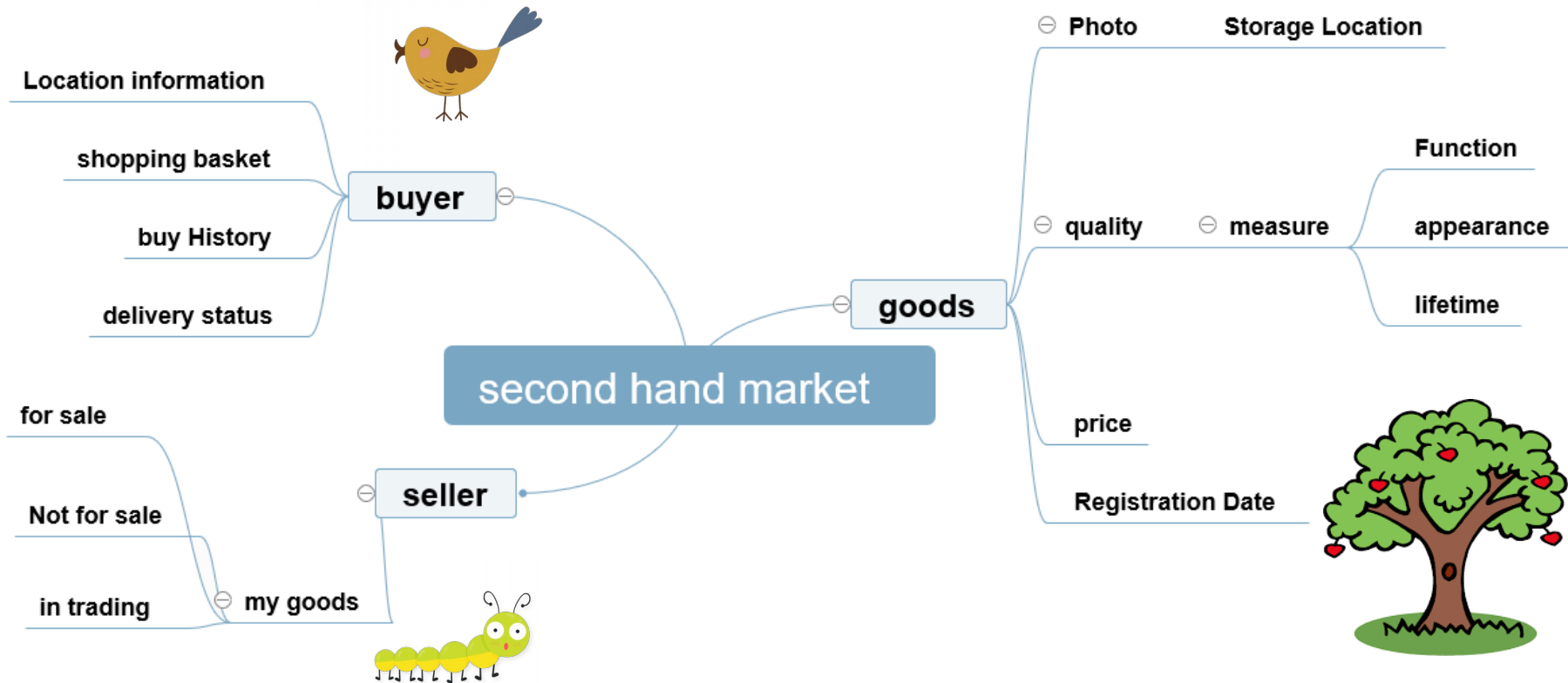
BackEnd

Jinkyu Han

Service structure

Secure transactions of used products
Without intervention of 3rd party

| Seller | item | Smart contract | ether | Purchaser |

Expected User Flow

Information Mind Map

second hand market

buyer
- Location information
- shopping basket
- buy History
- delivery status

seller
- for sale
- Not for sale
- in trading
- my goods

goods
- Photo
  - Storage Location
- quality
  - measure
    - Function
    - appearance
    - lifetime
- price
- Registration Date

Site Map

```
0  intro
│
1-1          1  로그인
회원가입
│
2  마이페이지
│
├─────────────────────┬──────────────────┐
2-1  구매              2-2  판매           2-3 고객센터
│                      │
├──────────┬─────────┐ ├──────────┐
2-1-1      2-1-2     2-1-3   2-2-1      2-2-2
물품목록(리스트) 장바구니목록 구매내역  상품등록    내 판매상품
│          │         │
2-1-1-1    2-1-2-1   2-1-3-1
각 물품 페이지 구매요청  배송현황
│
2-1-1-1-1
장바구니 담기
```

Transaction Flow
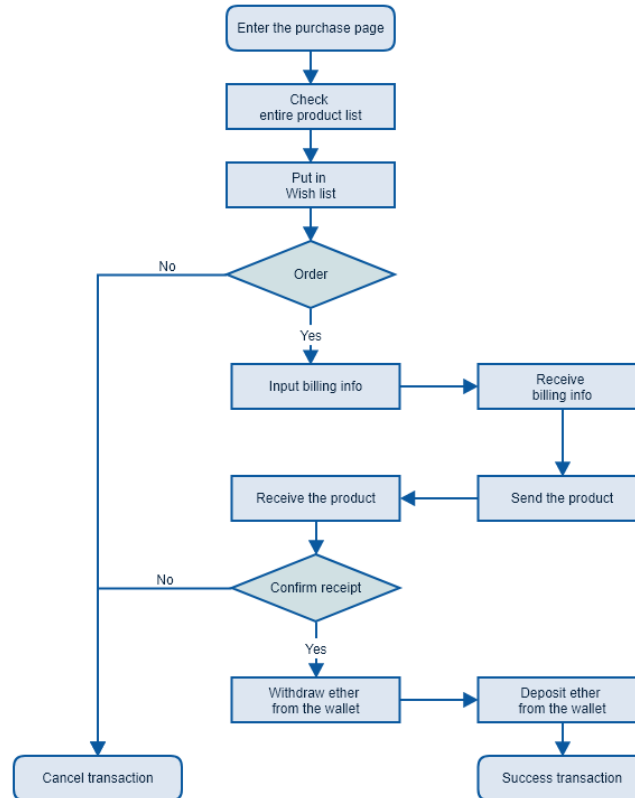
Final Goal: Run our service!

● 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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JuYong Shin
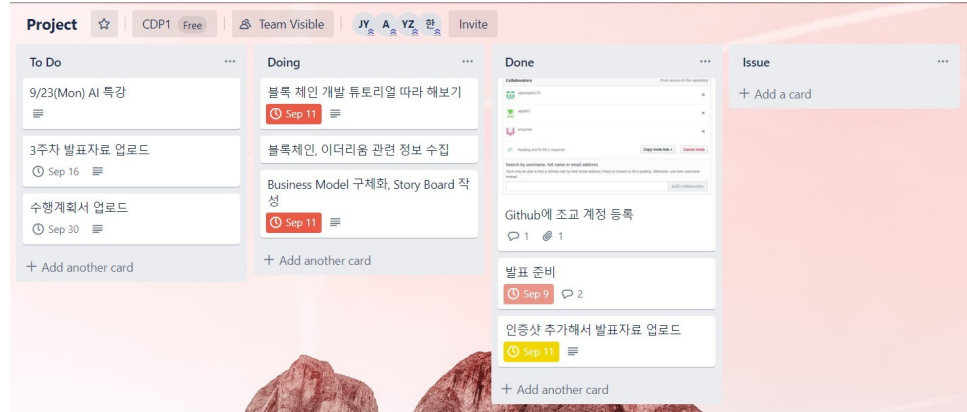cheesecat47@gmail.com

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Meeting

10 Sep. Team meeting

Project management

Thank you!