

# WeBlock

去中心化內容分享平台

# 目前痛點



原創內容  
不易獲得獎勵



盜發嚴重  
難以追蹤



審核問題



買榜問題

# 三大模塊



獎酬制度模塊



記錄傳播模塊

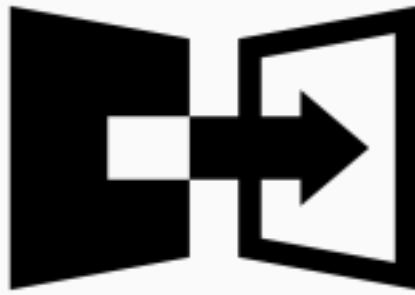


身份驗證模塊

# 四個功能



DID 驗證



P2P 傳播



資料防損毀



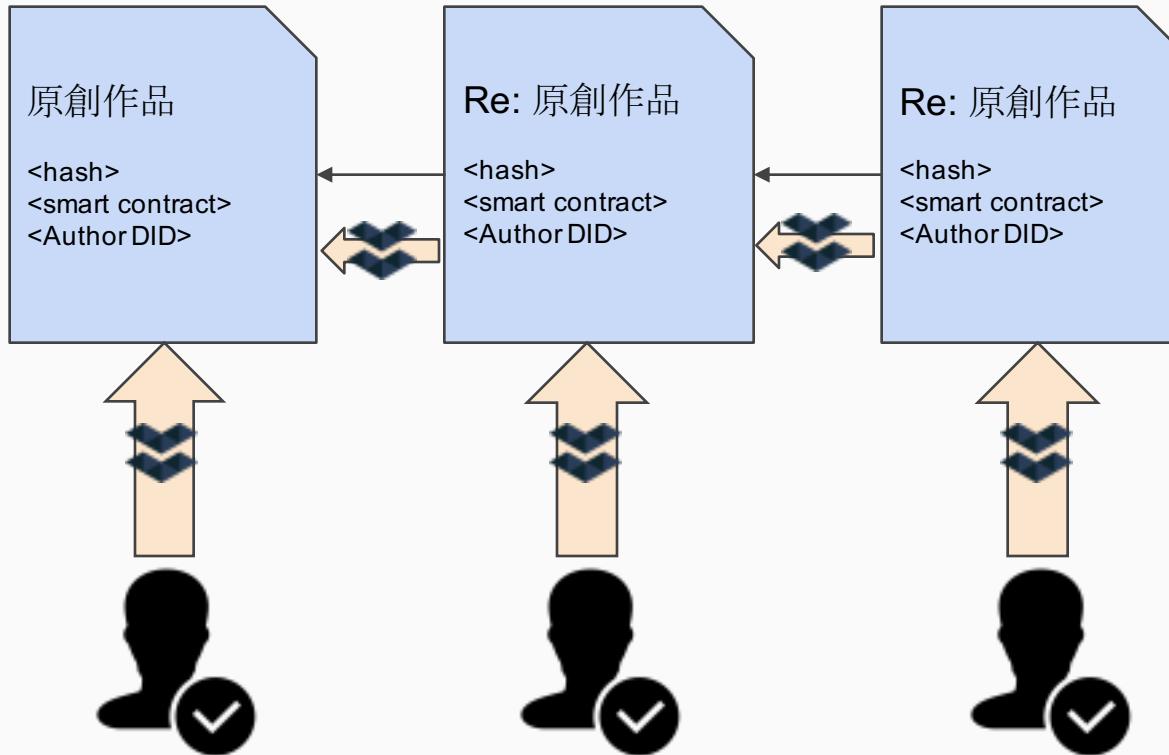
作者分潤

# 分润流程

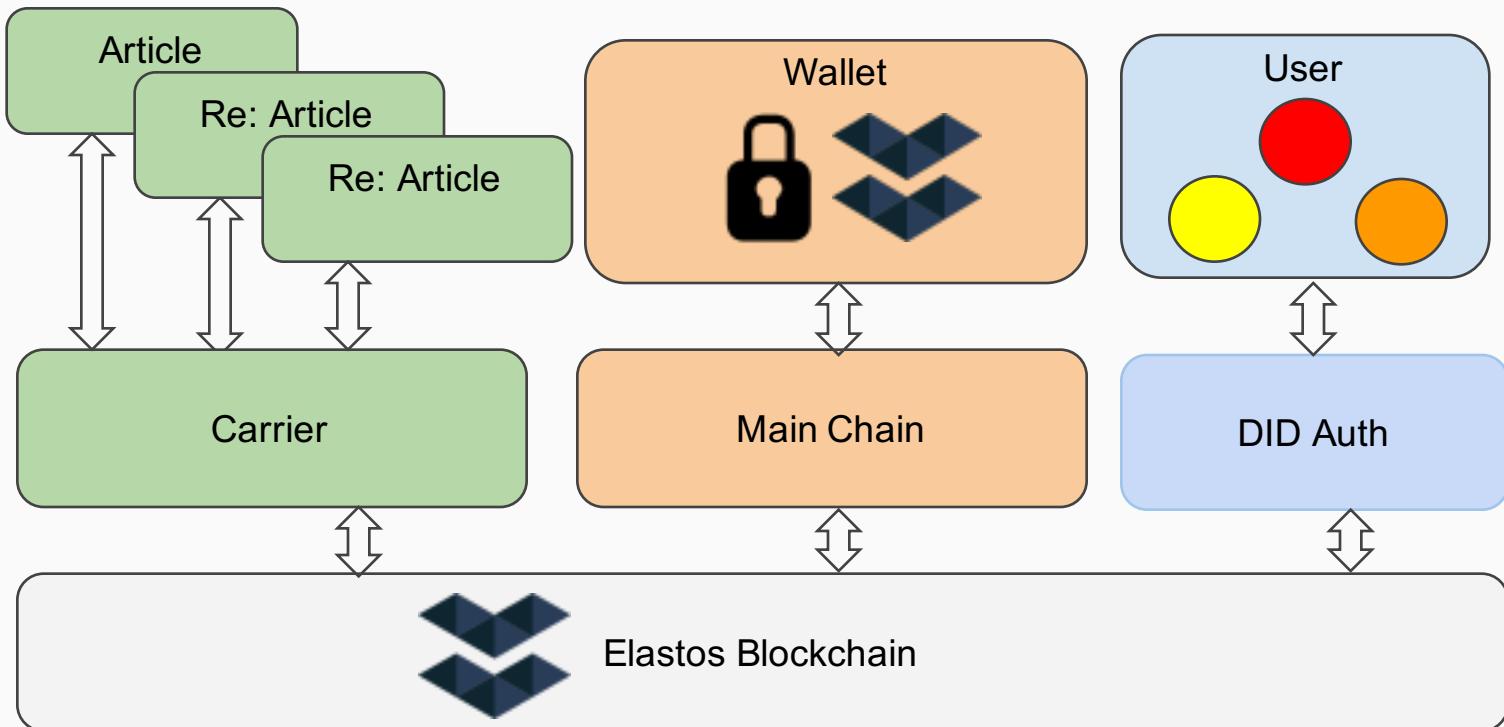
创作

转发

转发



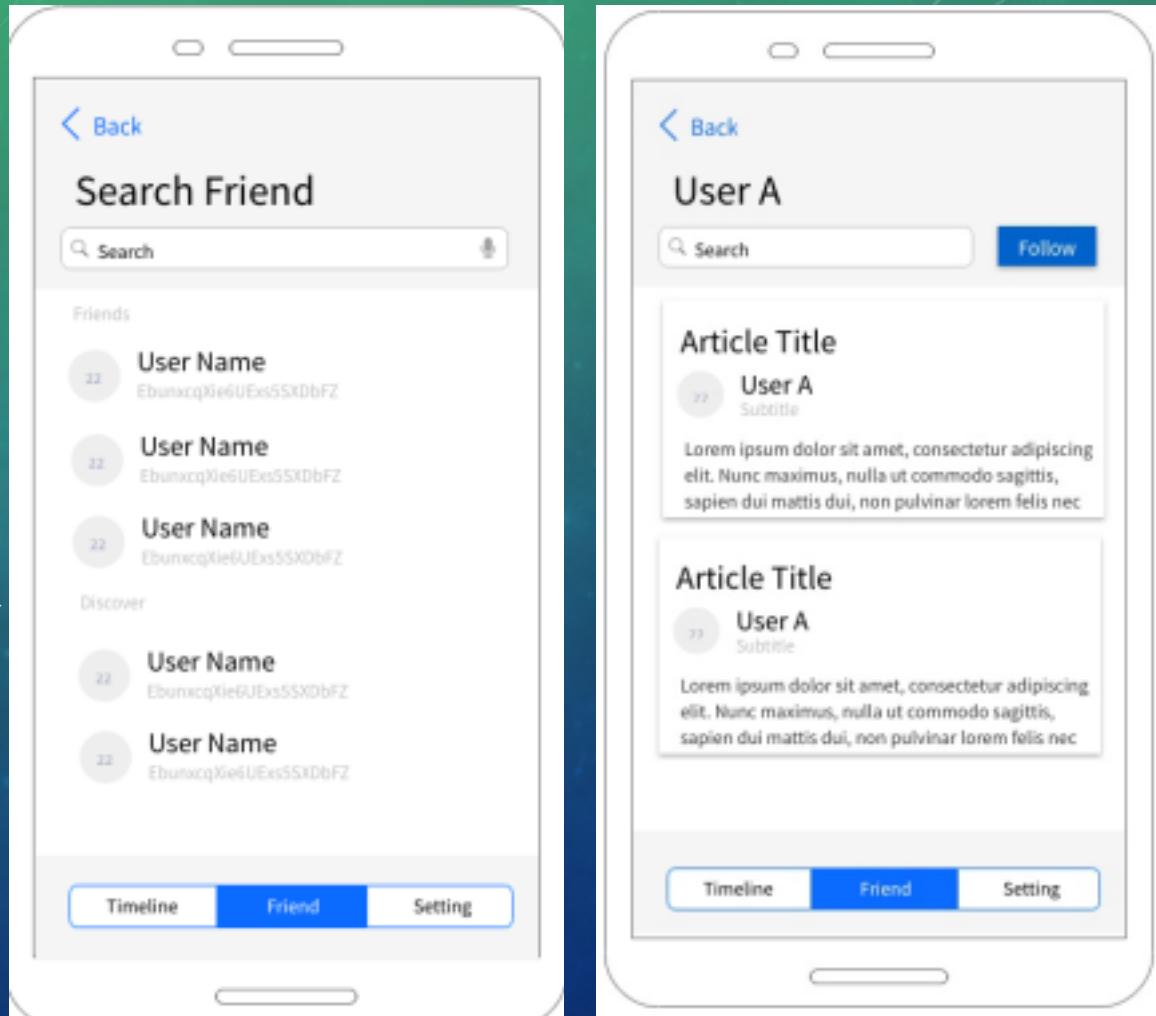
# Technical FrameWork



# Service Introduction

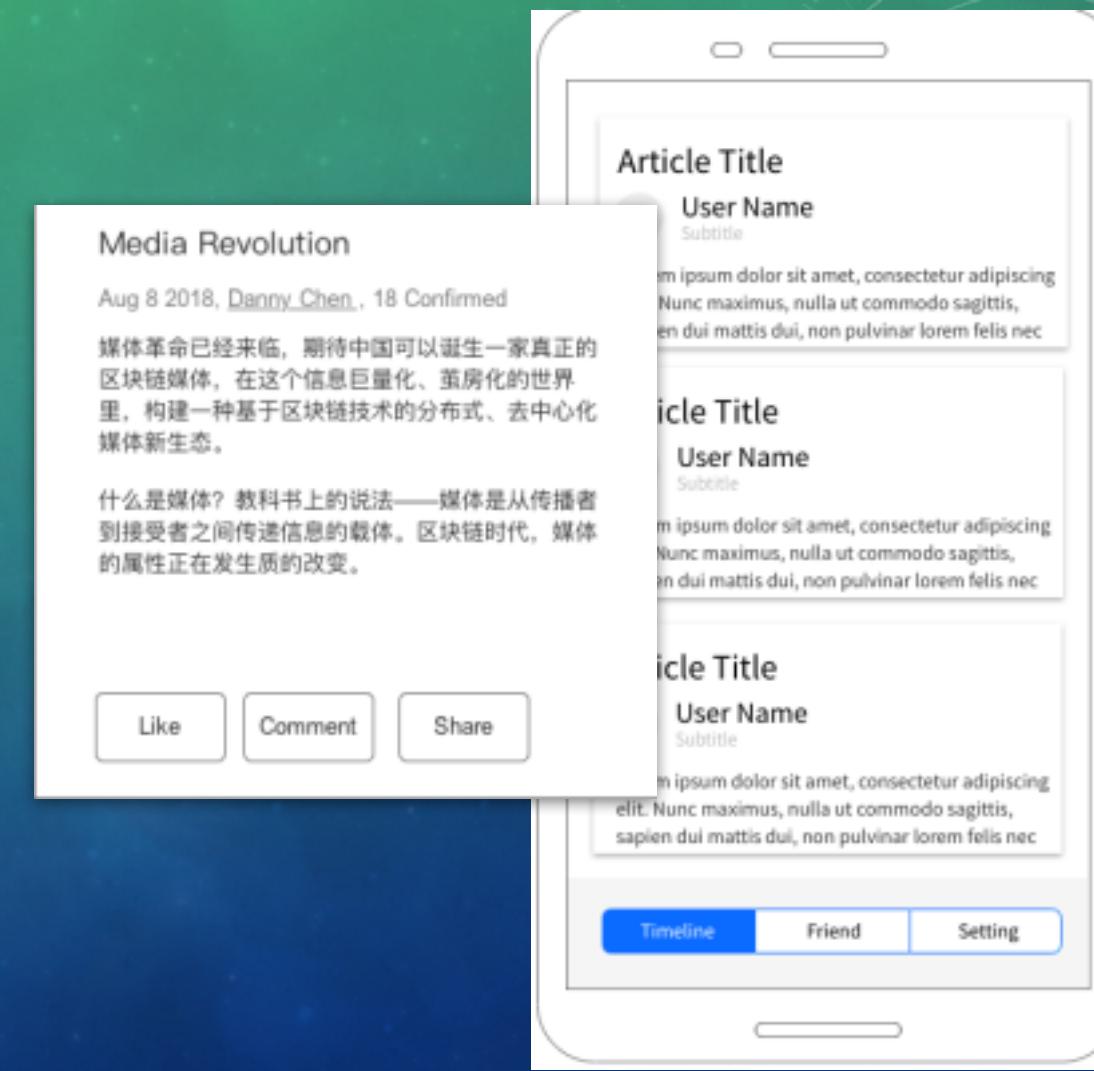
# Friend List

- 透過 DID 儲存自己的追蹤名單
- 發現新用戶
  - 自動推薦熱點
  - 進入追蹤



# Browse News

- 顯示作品來源
- 顯示文章地址
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  - Like : 獎勵作者
  - Comment : 增加討論熱度
  - Share : 廣播給好友



The background of the image features a glowing blue and green chain against a dark, starry space. The chain is composed of large, metallic-looking links that curve across the frame. The background is filled with various shades of blue and green, with bright light rays emanating from behind the chain, creating a sense of depth and motion. Small white stars are scattered throughout the dark space.

Together, We Block

# Biometrics + DID

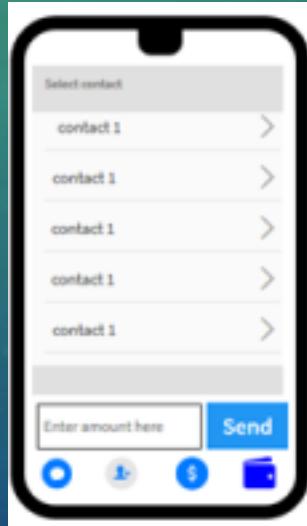
Biometrics ?

Fingerprints, facial print, DNA ...

DID ?

Elastos network self managed identity

Why Biometrics + DID ?



- > Phone can be stolen or hacked
  - > Wallet private key hacked
  - > perform unauthorized transactions
- No rollback in Elastos ledger !

# Biometrics + DID

The Solution:

Evidence -> We can not hack what does not exist

Don't store the Elastos wallet private key

Let's generate the private key from the biometric data



# Biometrics + DID

The Solution:

Let's generate the private key from the biometric data.

**GET /api/1/createWallet**

HTTP/1.1 200 OK

Content-Type: application/json

```
{  
  "result":{  
    "privateKey": "492F67D441F563AA4746497EB77C89906A3D3C06B242030BA9668C5684482EF7",  
    "publicKey": "035EBC0D70C9E34006C932D78847474159C136A8944C92416A94481212379751CB",  
    "address": "EJOnBz8U1gYnAnjSaFRF9EAJW9KTwRKd6x"  
  },  
  "status":200  
}
```

PrivateKey\_Hash for finger print:

45UG54UYV834GTT3485G34YVTU34I8I34T5B34IT8  
3454T8H54T8

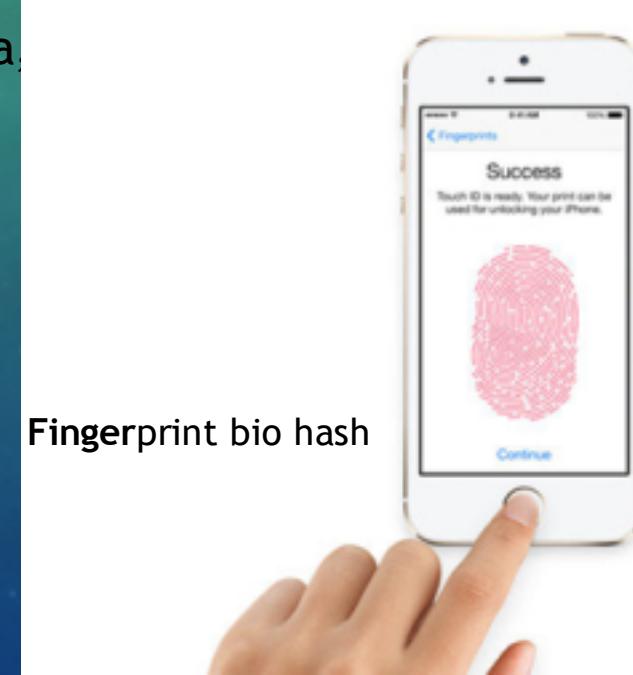
Deciphered hash != private  
key => transaction failed



Deciphered hash = private  
key => transaction success

Fingerprint bio hash

Sign with  
calculated  
hash



# Biometrics + DID

The Solution:

We can calculate as many bio information private keys as we want:  
Face print, multiple finger, voice print

```
GET /api/1/createWallet
```

HTTP/1.1 200 OK

Content-Type: application/json

```
{
  "result": {
    "privateKey": "492F67D441F563AA4746497EB77C89906A3D3C06B242030BA9668C5684482EF7",
    "publicKey": "035EBC0D70C9E34006C932D78B47474159C136A8944C92416A94481212379751CB",
    "address": "EJonBz8U1gYnAnjSaFRF9EAJW9KTwRKd6x"
  },
  "status": 200
}
```

PrivateKey\_Hash for Face print:

45UG54UYV834GTT3485G34YVTU34I8I34T5B34IT8  
3454T8H54T8

Deciphered hash != private  
key => transaction failed



Deciphered hash = private  
key => transaction success

Face print bio hash

Sign with  
calculated  
hash

