



# dBookMarket

New ways to buy and read books  
in the Web3 era





# THE FUTURE OF DIGITAL BOOKS

Dbookmark is a new NFT bookmark for book buying and reading in the Web3 era, where authors can publish and re-sell their books in NFT form. Proprietary encryption algorithms are used to ensure that only NFT holders can decode and read.





# CHANGE

today



## Author and Publisher

Authors receive only 10 to 20 percent of the royalties they receive from publishers for their printed books



## Author and ebook platform

Authors can earn 70 percent royalties on e-books sold on the platform.



change



## Author and dBook

Authors get 100% royalty on new books they sell on DBook



## CHANGE 2

today



### Copyright protection

Traditional e-books are sold in PDF or text, and there is no way to prevent piracy. Other e-books that requires hardware reader cannot be re-traded



change



### Homomorphic encryption protects copyright

DBook uses full homomorphic encryption to ensure the security of book data. Readers don't need a specific device to read; the DBook APP is available in iOS and Andriod for reading. Readers can resell books (NFTs) and authors can still collect royalties on the secondary sales of books.



## CHANGE 3

today



### Centralized platform

Platform validates identities of both authors and readers, and have final authority on whether they will publish the e-books



change



### DAO

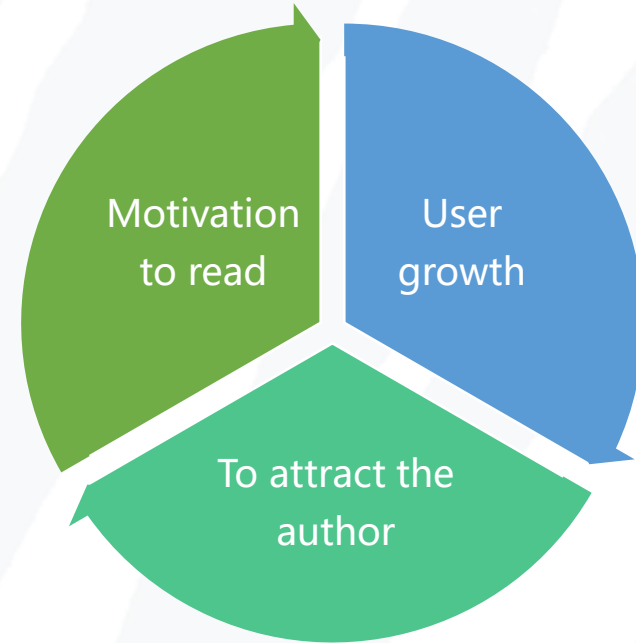
Authors and readers validates their identities via social media, and the community can jointly manage book shelves, takedowns, rights and interests.



## CHANGE 4

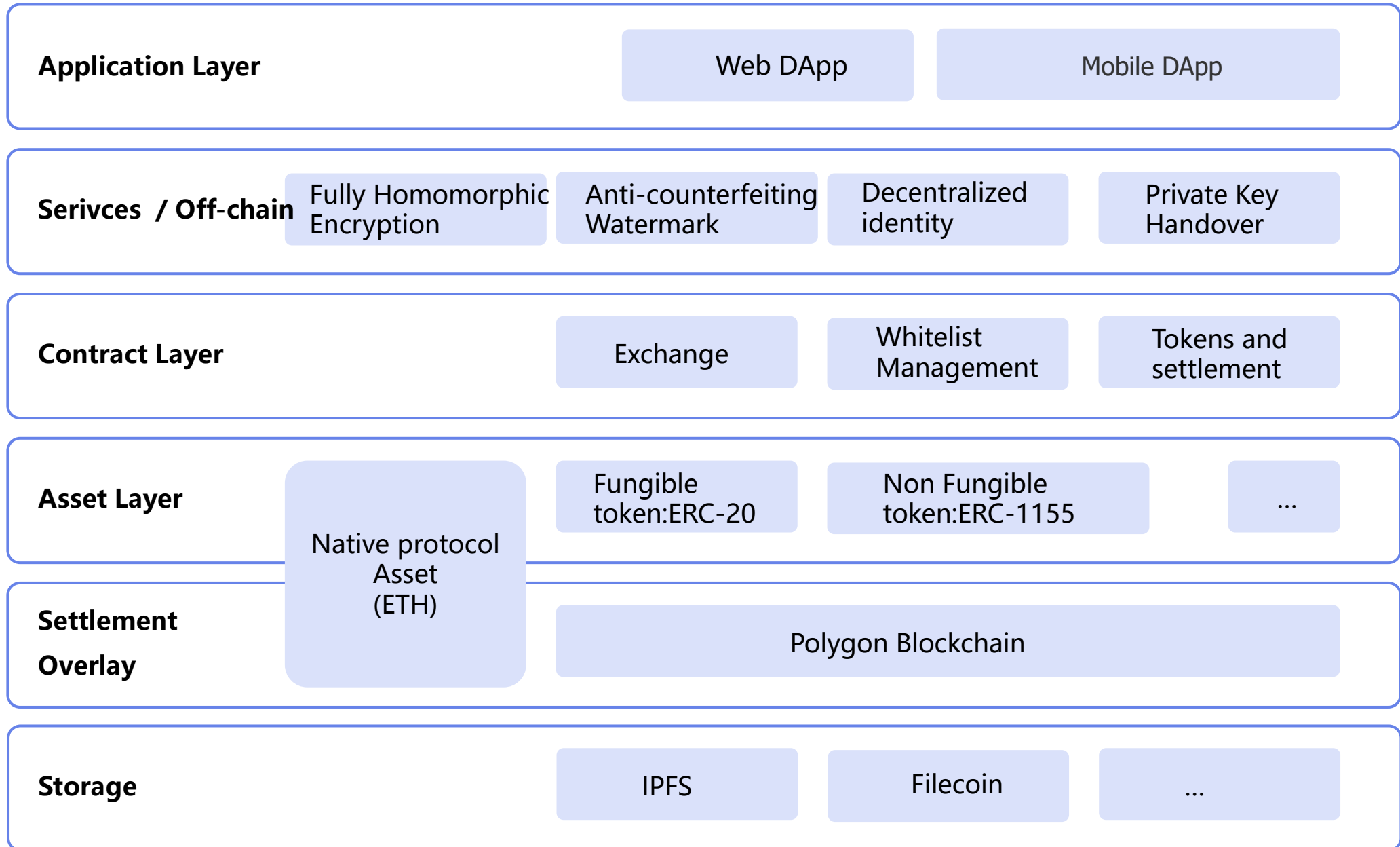
# WHAT IF... WE GET PAID FOR READING?

Incentivizing reading – Read to Earn





# TECHNICAL ARCHITECTURE



Application  
layer

Mobile Dapp  
(android/ios)

Web Dapp  
(javascript/css/html)

Broker  
layer

nginx(https)

Control  
layer

DBOOK Server

supervisord

gunicon  
(wsgi)

Django  
(kernel)

Scheduler  
(task  
watcher)

RPC(celery)

Cipher DLL

File upload  
task

File Server

nft.storage  
API(https)

Block Chain(Polygon)

DBookPlatform  
DBook1155

ERC1155  
ERC20

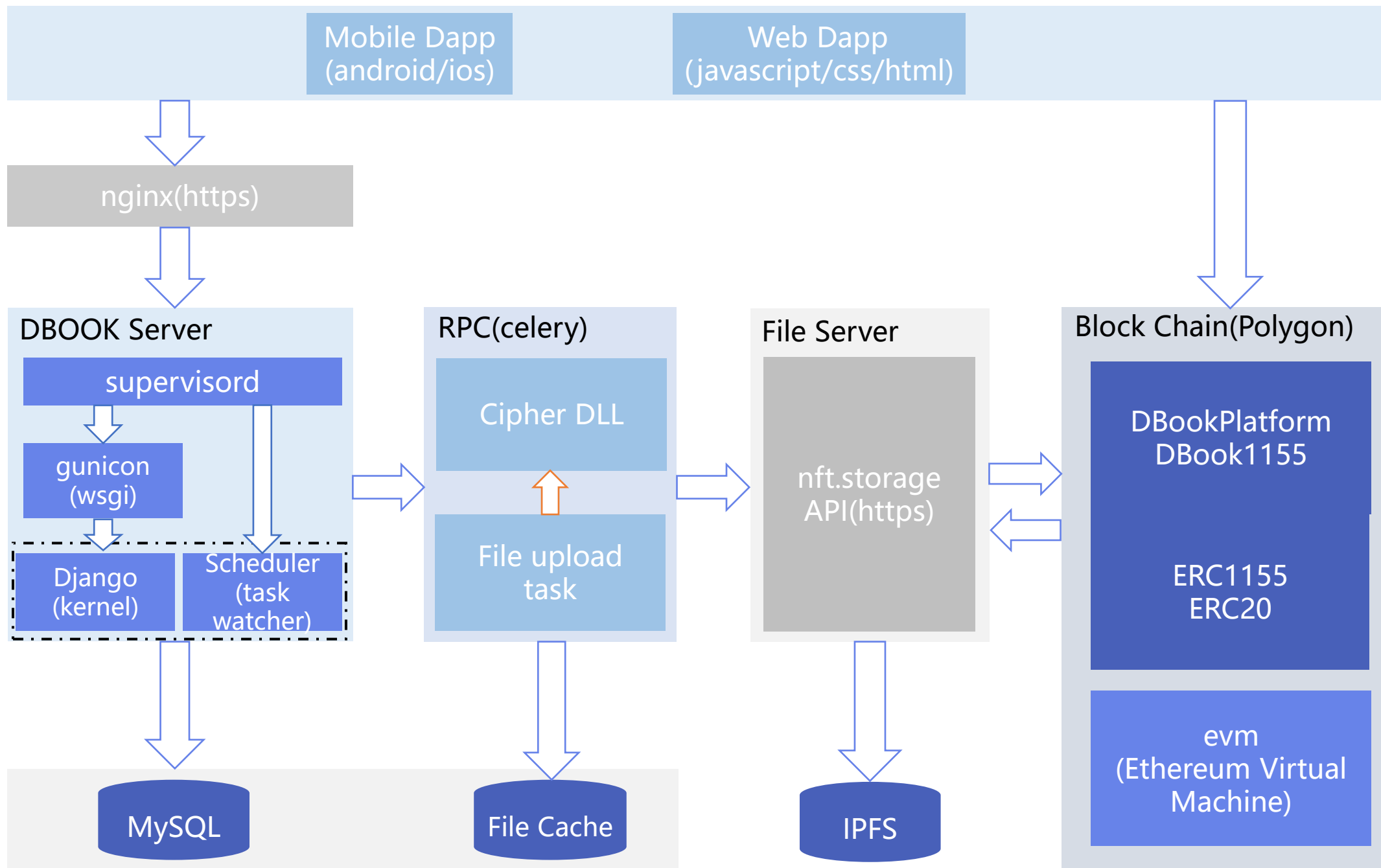
evm  
(Ethereum Virtual  
Machine)

Data  
layer

MySQL

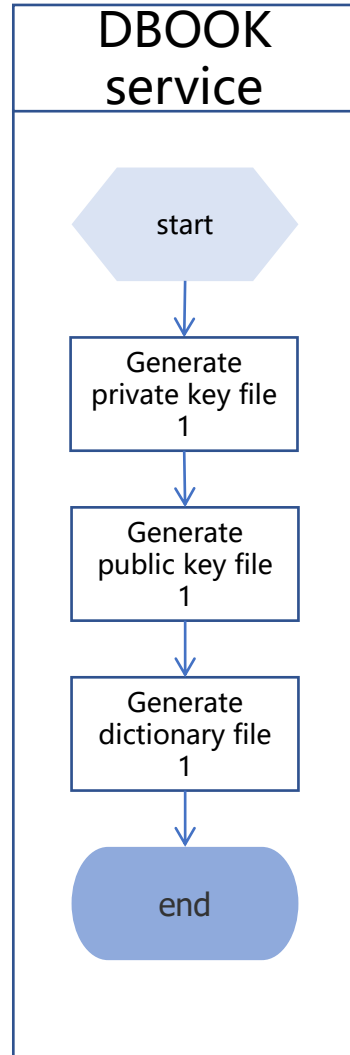
File Cache

IPFS

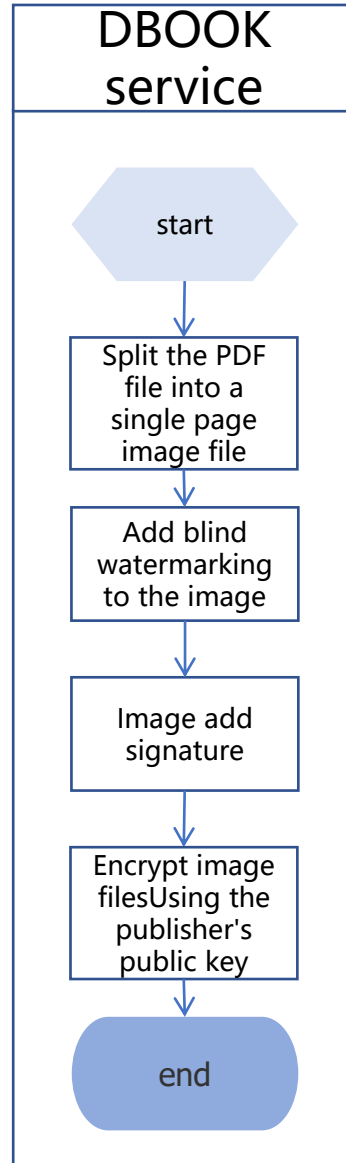




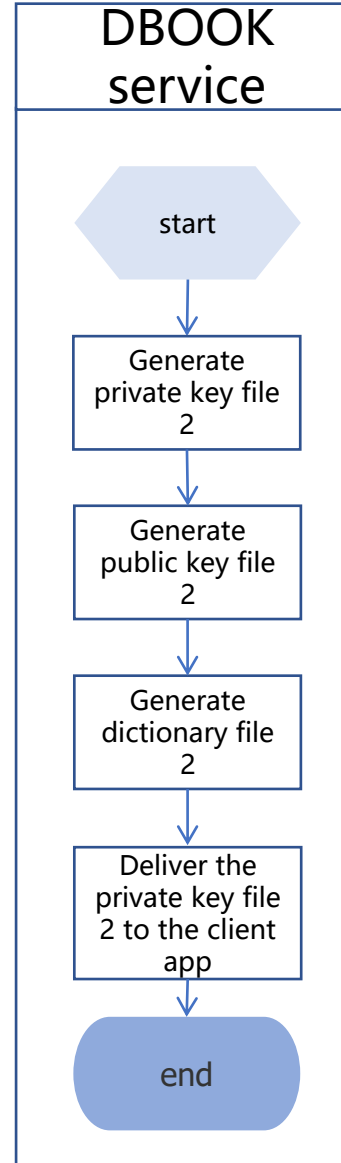
## 1. Author initialization



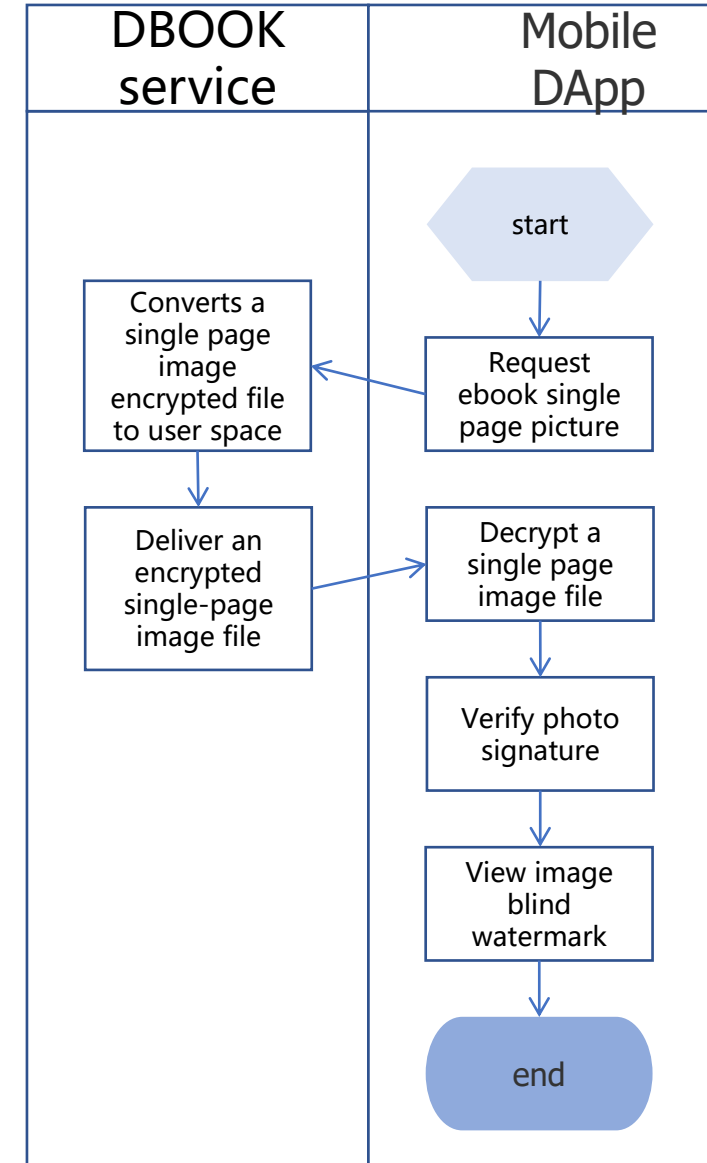
## 2. Encrypt e-books



## 3. Reader initialization



## 4. Readers browse e-books





# WHO IS IT FOR?



## Authors

- Sell directly to book lovers / collectors
- Protects the copyright work through encryption (only nft holders can access)
- Can set edition, quantity, price and royalty rate
- NFT smart contract ensures royalties are paid on secondary sales of digital book



## Book lovers / collectors

- Buy limited edition digital books that only they can access
- Have the option of reselling the digital book in the secondary market

**Demo Video** [Click here](#)



## IN THE FUTURE

### Autonomous Dbook multi-function platform in Web3 era

- Blue is the dbook profit point, but not limited to this

Promote the bidding

Read to earn

Book review

advertising

royalties

listen

collection

anti-cheating

Platform fee

reading

New book published

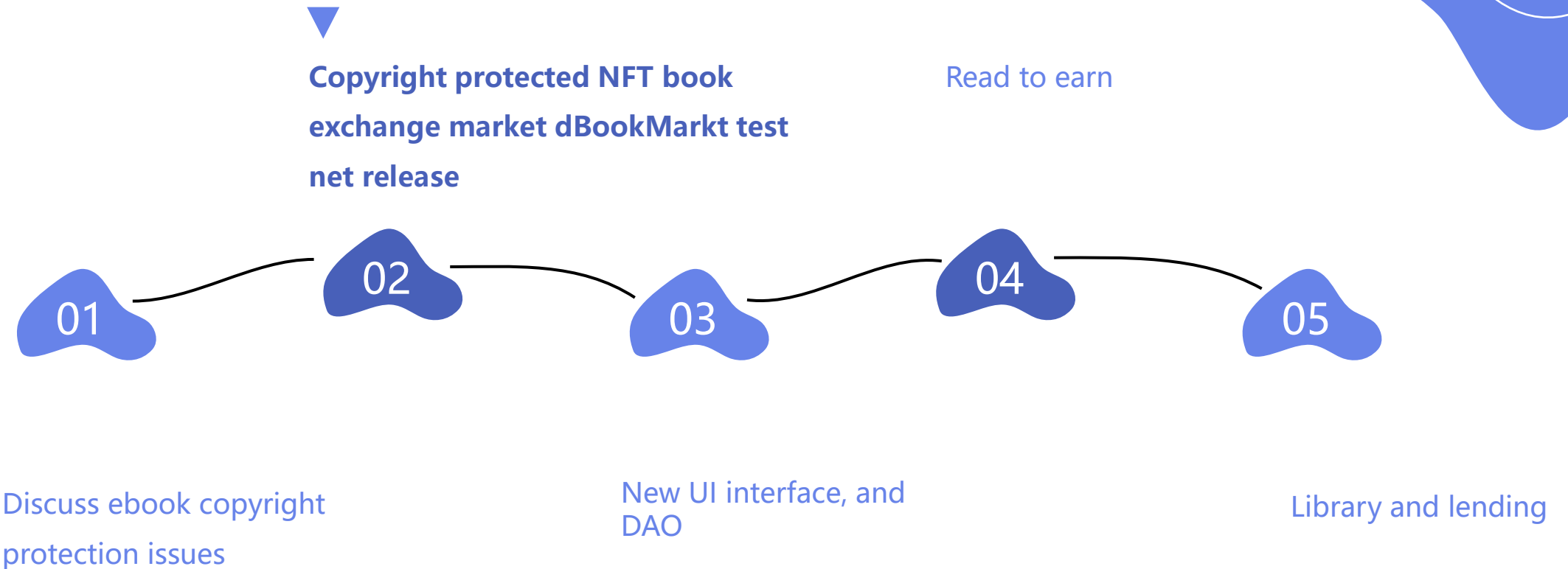
Second-hand transactions

DAO

Copyright protection



# ROADMAP





# TECHNICAL OVERVIEW



**Bill Joy**

- In the last 5 years, he has managed multiple blockchain projects, including 2 crypto wallets and He was the project manager for FiveToken and Qbao cryptowallets and was responsible for the design, development and launch of both projects.



**EePing Neo**

- Edtech founder, Independent Director, Blockchain Enthusiast, founder passionate about how technology can make learning fun and accessible for all.



**Horry Bi**

- More than 7 years of mobile development experience, leading blockchain related development such as exchanges, wallets and communities.