Account:­­

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Type | Email | ID\_account (PK) | Username | Password | Status | Name | Image\_URL | About | Budget |
| Admin |  |  |  |  |  |  |  |  |  |
| User |  |  |  |  |  |  |  |  |  |
| Publisher |  |  |  |  |  |  |  |  |  |

-Type: Admin/User/Publisher

-ID\_account:(Primary Key) varchar100

-Username: can be change

-Status: curent state of user( Ban/Delete/Active)

-About: Talk about yourself

Tiền mua sách

Gift code

|  |  |
| --- | --- |
| code PK varchar10 | value |
| ABC1 | 10000 |
| ABC4 | 40000 |
| ABC5 | 50000 |
| ABC3 | 30000 |

Book: (list sách của publisher, user ID\_book, ID\_account )

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID\_account  (FK) | ID\_book  (PK) | Name\_of\_book | Image  \_book\_URL | Year  int | Price  int | Review  ->Preface | Status |
|  |  |  |  |  | sach  cua  Publisher |  | Active  /Delete |

- ID\_account: (Foreign Key) varchar(100)

- ID\_book: (Primary Key) varchar(100)

- Price: Only books from the publisher

- Status: curent state of user( Delete/Active)

-Review sach:

-loi tua sach (preface author) -> xem nhu 1 chapter

-Sách của user không tính phí(hoặc ủng hộ -> ý tưởng), không làm chức năng đó

-Price: frontend code, cho người dùng có vô hạn tiền có thể mua được tất cả sách (không quan tâm số tiền của user, bấm vô là mua được -> lưu vô list sách)

Content

|  |  |  |  |
| --- | --- | --- | --- |
| ID\_book(PK)  FK varchar100 | ID\_chapter(PK)  FK ? varchar100 | Chapter\_name | Content |
| book1 | ID\_content1 (may tu them) | chap1 | content 1 |
| book1 | ID\_content2 | chap2 | content 2 |

List sách đã mua của user (-> reader)

List\_book\_purchased

|  |  |
| --- | --- |
| ID\_reader varchar100 | ID\_book varchar100 |
| u\_1 | p\_1 |
| u\_1 | p\_2 |
| u\_2 | u\_1 |

Review

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID\_user(PK) \_FK varchar100 | ID\_book(PK) \_FK | Rating | Review | Time |
|  |  |  |  |  |
|  |  |  |  |  |

- ID\_user and ID\_book: Primary Key

- ID\_user: (Foreign Key)

- ID\_book: (Foreign Key)

- Rating: a scale of 1 to 5

Comment: (hiện ở cuối trang sách, cmt nào ở trước thì hiện trước):

|  |  |  |  |
| --- | --- | --- | --- |
| ID\_user(PK) \_FK varchar100 | ID\_book(PK) \_FK | Comment | Time |
|  |  |  |  |
|  |  |  |  |

- ID\_user and ID\_book: Primary Key

- ID\_user: (Foreign Key)

- ID\_book: (Foreign Key)

Follow: (Delete)

|  |  |
| --- | --- |
| ID\_account(PK) \_FK | ID\_follow(PK) \_FK |
| u\_1 | p\_1 |
| u\_1 | p\_2 |
| u\_2 | u\_1 |

Catagories:

|  |  |
| --- | --- |
| ID\_tag (PK) varchar100 | Tag\_name |
| tag1 | name1 |
| tag2 | name2 |
| tag3 | name3 |

- Each ID is equivalent to one tag name.

Catagories\_Book:

|  |  |
| --- | --- |
| ID\_book(PK)\_ FK | ID\_tag(PK) \_FK |
| b1 | tag1 | |
| b1 | tag3 | |

- Each ID corresponds to many classifiers.

**Sign in/ sign out/ sign up**

|  |
| --- |
| Manage accounts (ban/delete) |

|  |
| --- |
| Import books |

Update book

|  |
| --- |
| Delete books |
| write a new book |

View / Read

SEARCH

COMMENT

API: get(lay thong tin ve, hien thi mot giao dien)

Post(gui thong thong tin, yeu cau len server, sua thong tin tren server)

Home/

Account: account/

Register view:/account/signup (get)

Submit register: /account/signup (post)

Login View:/account/signin(get)

Logout:/account/logout(post\_sua thong tin tren server)

Accout profile: account/profile

+Email: account/profile/email (post)

+Username

+Password

+Name

+Image

+About

Admin:/admin

Admin show all user: /admin/manage\_user/list\_user\_violet (get)

Delete account: /admin/manage\_user/delete/id\_delete (post)

Ban account: /admin/ manage\_user/ban/id\_ban (post)

View/read: /view

View overview book: /view/single/id\_book (get)

View book(read book): /view/single/id\_book/id\_chapter (get)

View book name: /view/name/name\_of\_book (get)

View book tag: /view/tag/id\_tag (get)

View book author: /view/author/id\_author (get)

User(author) or publisher:

Update book: /view/single/id\_book/update (get chuyen qua trang co khung word de go)

Update book submit: /view/single/id\_book/update (post )

Delete book: /view/ single/id\_book/delete (post gui yeu cau xoa)

Import book(Write a new book): /view/ single/newbook(get)

+/view/ single/newbook(submit -> post)

Comment: /comment

/view/single/id\_book/comment (gui -> post)