

BookStore Application

OUTLINE OF BOOKSTORE

Bookstore is a small python command line application along with mongodb as backend which provide user to add view and search for books and buy books(not yet implemented)

MODULES

- ☐ Insert Book
- ☐ Modify Existing Book
- ☐ Search for Book
- ☐ Delete Record
- ☐ View all Record
- ☐ Seller(to be extended)
- ☐ Buyer(to be extended)
- ☐ Order(to be extended)

Insert Book

This module is used for storing book into the database

Modify Existing Book

This module is used for modifying any fields after getting the book id(_id) from the database

Search for Book

Searching for book according to the id provided.

Delete Record

Enable user to remove record which is not needed.

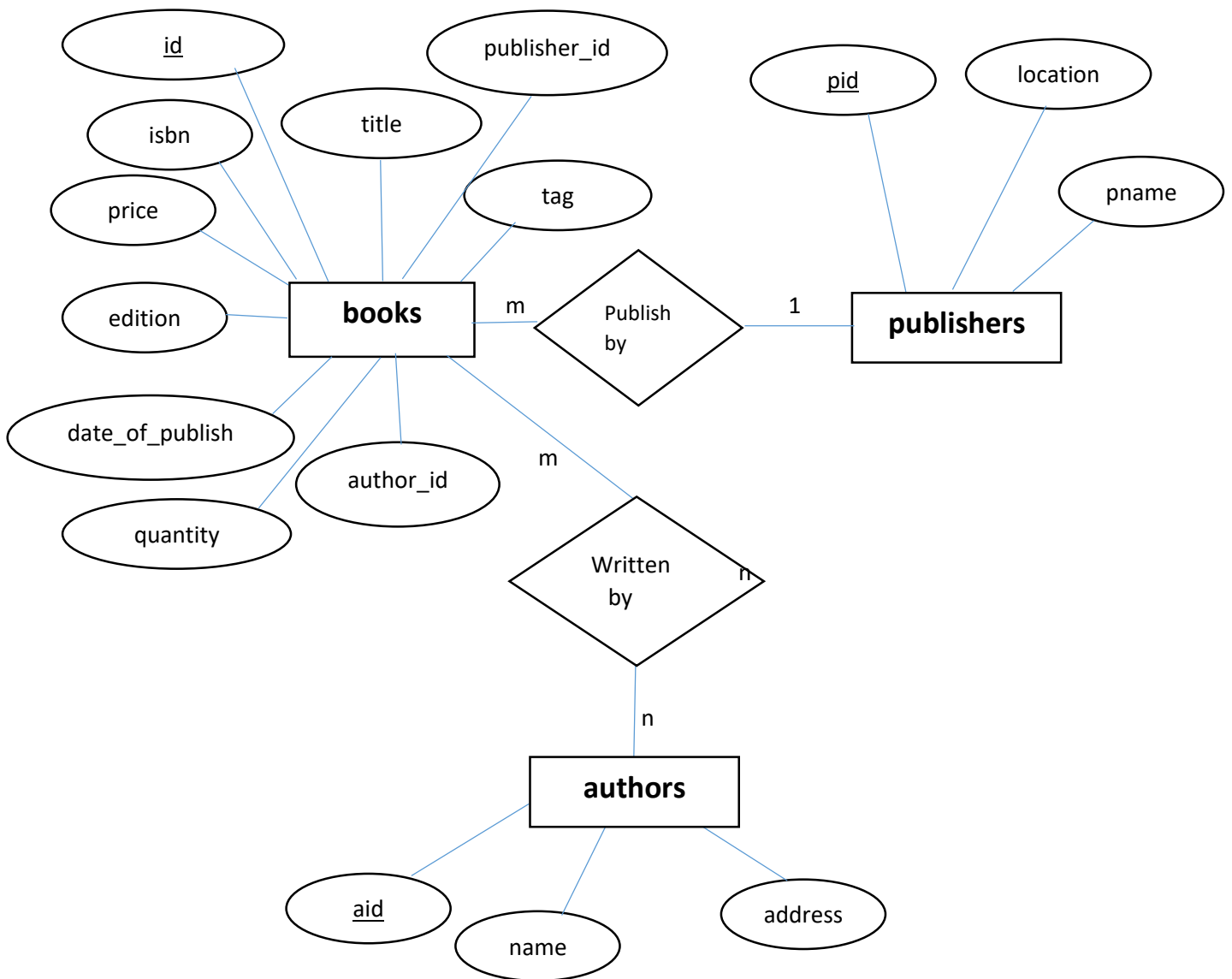
View all Records :

Display all the record from the database into command line interface.

Software Used

- Operating System: Windows 10
- IDE: PyCharm
- Database: MongoDB

E-R DIAGRAM:



Documents Aggregations Explain Plan Indexes

FILTER

OPTIONS

FIND

RESET

...

INSERT DOCUMENT

VIEW

LIST

TABLE

Displaying documents 1 - 4 of 4

>

edit

copy

clone

delete

```
_id: 1
title: "java programming"
isbn: "ISBN0980"
price: 590
edition: "4th Edition"
date_of_publish: "2009"
tag: "computer"
quantity: 35
publisher_id: 100
author_id: 1003
```

```
_id: 2
title: "Software engineer"
isbn: "DFG89G"
price: 300
edition: "5th Edition"
date_of_publish: "2011"
tag: "computer"
quantity: 21
publisher_id: 101
author_id: 1003
```

Documents Aggregations Explain Plan Indexes

FILTER

OPTIONS

FIND

RESET

...

INSERT DOCUMENT

VIEW

LIST

TABLE

Displaying documents 1 - 2 of 2

```
_id: ObjectId("5c4db3bd6d333a12d00751c4")
publisher_id: 100
pname: "O'Reilly Media"
location: "New Delhi, India"
```

```
_id: ObjectId("5c4db3bd6d333a12d00751c5")
publisher_id: 101
pname: "McGraw-Hill Education"
location: "Noida, Uttar Pradesh"
```

Documents Aggregations Explain Plan Indexes

FILTER

OPTIONS

FIND

RESET

...

INSERT DOCUMENT

VIEW

LIST

TABLE

Displaying documents 1 - 2 of 2

>

edit

copy

clone

delete

```
_id: ObjectId("5c4db3bd6d333a12d00751c2")
author_id: 1001
name: "Dr. APJ Abdul Kalam"
address: "New Delhi, India"
```

```
_id: ObjectId("5c4db3bd6d333a12d00751c3")
author_id: 1003
name: "Khushwan Singh"
address: "Rajkot, Punjab, India"
```