

User

username VARCHAR(20)
 password VARCHAR(20)
 valid BOOL
 type VARCHAR(20)
 borrowed() INT()
 reserved() INT()

School-Library

Address VARCHAR(30)
name VARCHAR(30)
city VARCHAR(20)
phone CHAR(10)
email VARCHAR(30)
principal VARCHAR(30)
admin VARCHAR(30)

Book

VARCHAR(20)
 ISBN

ISBN
title VARCHAR(100)
publisher VARCHAR(30)
pages INT()
image VARCHAR(100)
language VARCHAR(20)
summary TEXT

Author

Foreign Key ISBN
name

? ← type
 ? ← type
 ? ← type

Topic

Foreign Key ISBN
topic VARCHAR(30)

Keyword

Foreign Key ISBN
Keyword VARCHAR(30)

~~VARCHAR~~

Borrowing

Foreign Key username
 Foreign Key Address
 Foreign Key ISBN
 start_date DATE
 return_date() DATE
 returned BOOL
 approval BOOL

? key

Reservation

FK username
 FK Address
 FK ISBN
 start_date DATE
 end_date() DATE
 approval BOOL

ISBN s_d
FACS lrl
~~ISBN~~

Review

fk username

fk ISBN

limits

← like + INT()

text TEXT()

approval BOOL

Available

fk address

fk ISBN :

books number INT()

Signup - Approval

fk username

fk address

Primary key?