

Conceptual tables

Users

books

rentings

Logical tables

Users

userid
name
phone
address
university

books

bname
bid
pauthor
sauthor
pubdate
pages
publisher
translator
topics

rentings

userid
bid
rent_time
comment

Physical tables

Users

userid int(5)
primary key

name varchar(10) not
null
phone char(10)
address varchar(30)
university varchar(25)
not null

books

bname varchar(40)
bid int(4)
primary key

pauthor varchar(25)
not null
sauthor varchar(25)
pubdate date
pages int(4)
publisher varchar(30)
translator varchar(10)
topics tinytext(255)

rentings

userid int(5)
primary key
bid int(4)
foreign key
rent_time datetime
comments
tinytext(255)