

Name : Ali Abdu Ahmed AL-Roainy

Bootcamp : Taiz

Create a database analysis of the E-Library project using best normalization techniques *

- **Database tables**

users

User_id	username	Fullname	email	img	bio	address	phone	pw	type	country	userShare	gender
---------	----------	----------	-------	-----	-----	---------	-------	----	------	---------	-----------	--------

Book

book_id	bookname	img	price	details	author_id	Category
---------	----------	-----	-------	---------	-----------	----------

Auther

auther_id	authername	address	phone	country
-----------	------------	---------	-------	---------

Company

company_id	Company name	address	phone	state	country
------------	--------------	---------	-------	-------	---------

Ads

ads_id	Category	Company_id	img	date
--------	----------	------------	-----	------

Product

Product_id	Product name	img	Book_id	Description	Company_id	Category
------------	--------------	-----	---------	-------------	------------	----------

Offer

offer_id	Offer name	Book_id	Product_id	company	state	date
----------	------------	---------	------------	---------	-------	------

Cart

cart_id	Prudact_id	price	User_id	count	date	delivery
---------	------------	-------	---------	-------	------	----------

Pay

pay_id	Prudact_id	price	User_id	Pay method	date
--------	------------	-------	---------	------------	------

- Normalization 2NF

Address_id	address
------------	---------

country_id	Country name	key	cites
------------	--------------	-----	-------

User_type_id	User type
--------------	-----------

Phone_id	phone
----------	-------

User_share_id	Share type	date
---------------	------------	------

category_id	category
-------------	----------

state_id	State type
----------	------------

price_id	price	Total price	Price offers
----------	-------	-------------	--------------

place_id	postion	style
----------	---------	-------

Pay_method_id	method
---------------	--------

delivery_id	Name	date	Address_id
-------------	------	------	------------

- Normalization 3NF

city_id	city
---------	------

postion_id	postion
------------	---------

style_id	style
----------	-------

key_id	key
--------	-----

Share_type_id	type
---------------	------

..... ~^0^~

References :

<https://www.javatpoint.com/dbms-normalization>