

Final Schema

מקרא

+

- קשר בודד מחייב

+

○

- קשר בודד לא מחייב

⌵

- קשר מרובה מחייב

⌵

○

- קשר מרובה לא מחייב

PK

- מפתח ראשי

FK

- מפתח משני

Authors	
PK	First Name VARCHAR(25)
PK	Last Name VARCHAR(25)
PK	book_name varchar(60)

Publisher	
PK,FK	book_name varchar(60)
PK	brand_name VARCHAR(30)
PK	publish_year YEAR

Translator	
PK,FK	book_name varchar(60)
PK	First_name VARCHAR(25)
PK	Last_Name VARCHAR(25)

Delivery	
PK	delivery_id SMALLINT
FK	shpping_method VARCHAR(15)
	delivery_date DATE
	shipping_status VARCHAR(15)

delivery_payment	
PK, FK1	delivery_id SMALLINT
FK2	pay_date DATE

delivery_address	
PK, FK	delivery_id SMALLINT
	city varchar(20)
	street varchar(20)
	number SMALLINT

Books	
PK	Book_id SMALLINT
	book_name varchar(60)
	book_state varchar(10)
	Weight DECIMAL(6,2)
	Pages SMALLINT

book_sale	
PK, FK1	Book_id SMALLINT
FK2	deal_id SMALLINT
FK3	delivery_id SMALLINT
FK4	customer_id SMALLINT
	book_price SMALLINT

Deals	
PK	deal_id SMALLINT
	total_pay SMALLINT
	payment_method VARCHAR(15)
	deal_date DATE

Payments	
PK	pay_date DATE
	rent_bill SMALLINT
	water_bill SMALLINT
	electric_bill SMALLINT
	cellular_bill SMALLINT
	phone_bill SMALLINT
	variants_bill SMALLINT

warehouse	
PK,FK	Book_id SMALLINT
	date_in DATE
	date_out DATE

Inventory	
PK,FK	Book_id SMALLINT
	Date_stored DATE

Store_purchase	
PK, FK	Book_id SMALLINT
	Price SMALLINT
	purchase_date DATE

book_order	
PK, FK1	Book_id SMALLINT
FK2	Customer_id SMALLINT
	Informed_date DATE
	order_date DATE

Customer	
PK	Customer_Id SMALLINT
	First_name varchar(25)
	Last_name Varchar(25)
	Cellular VARCHAR(14)
	Landline_Phone VARCHAR(14)

Sales	
PK, FK1	deal_id SMALLINT
FK2	emp_id SMALLINT

Salaries	
PK, FK1	emp_id SMALLINT
PK, FK2	pay_date DATE
	total_hours SMALLINT

Employee	
PK	emp_id SMALLINT
	city VARCHAR(20)
	street VARCHAR(20)
	first_name VARCHAR(25)
	last_name VARCHAR(25)
	cellular VARCHAR(14)