קורס: 'מערכות קבצים ומסדי נתונים'

מרצה: יצחק נודלר

<u>מסמכים נלווים - פרויקט תכנות</u>

<u>סכמה של בסיס הנתונים לאחר נירמול ל 3NF</u>

Book:

Book_id	Book_name	Pages_number	weight	condition
PK				

Book_edition:

Book_edition_id	Book_id	Publishing_id	translator	year
PK	FK	FK		

Publishing_company:

Publishing_id	name
PK	

:Author

Author_id	First_name	Last_name
PK		

:Author_book

book_id	Author_id
FK	FK

:Purchase-customer

Purchase_id	Customer_id	Employee_id	way	Payment_method	Purchase_date
PK	FK	FK			

:Purchase_customer_book

Purchase_id	Book_id	Book_edition_id	price
FK	FK	FK	

:Employee

Employee _id	First_name	Last_name	Phone	Start_date	finish_date
PK					

:Working_month_hours

Employee_id FK	Month	Year	hours	Hour_payment
PK				

:Inventory

Book_id	Location	count	Sold_counter	Time_stamp
FK				

:Customer

Customer_id	First_name	Last_name	Mobile_phone	Home_phone	Date_created
PK					

:Purchase_store

Purchase_id	Book_id	Purchased_from	count	Purchase_date
PK	FK			

:Reservation

reservation_id	Customer_id	Time_stamp	Contact_customer
PK	FK		

:Reservation_book

reservation_id	book_id	count
PK	FK	

Deliveries:

Delivery_id	Purchase_id	Delivery_company	status	price	Delivery_date	Delivery_type
PK	FK	FK				

Deliveries_book:

Deliveries_id	Book_id
FK	FK

Delivery_company:

Company_id	Company_name
FK	

Payments

Payments_id	rent	Property_tax	water	electricity	salaries	extra	month	year	Mobile_phone	Store_phone
PK					נגזרת					