Campus Market ERD Diagram

user_details

PK	user_id	int
	email	string
	firstName	string
	lastName	string
	pwd	string
	university	string
FK	bookmarks	int array off PK of the products
FK	userMarket	int array of PK of the products

electronics

PK	e_id	int
	image	string
	price	float
	title	string
	description	string
	type	string
	university	string
FK	user_id	Type

books

PK	b_id	int
	image	string
	price	float
	title	string
	description	string
	type	string
	university	string
FK	user_id	Type

household_items

PK	hi_id	int
	image	string
	price	float
	title	string
	description	string
	type	string
	university	string
FK	user_id	Type

rent_houses

PK	rh_id	int
	image	string
	price	float
	title	string
	description	string
	type	string
	university	string
FK	user_id	Type

Different products DB's

Objective : This is to help international students to plan their stay around their university. Get rented houses, buy and sell reused household items, books etc..

Business Rules :

1. Global search (universities) : user can see the books , electronics, rent houses details and house hold items posted by students of that university in sections. (finding the products per query)
2. Signin : add new users to user db (inserting new user)
3. login user : checking user credentials and logging in .
      On login user can : book mark the products they like and see them in book mark section
                        : user can sell their products by providing the price , details etc. (inserting product)
                        : can remove their product hosted in the market anytime desired.(deleting product)
                        : can update their product hosted in the market anytime desired (updating product)