

עבודה 3- חלק א'

ID	Method Name	HTTP Method	Parameters	Returns	Explanation
1	Login	Post	UserName, Password	Bool	Login cannot pass with Get. We send two parameters. True=Success (the user access with his username to the web), False= fail.
2	List of Hot Products for display	Get	-	Returns 5 products : Products[]	Hot produces are related to any client not to specific one. Using GET because there is no information to deliver to the server or any wish to change any information.
3	List of New Products for display	Get	-	Returns new products : Products[]	Produces are related to new product added to the web not related to clients specifically. When user login he can see the list and not need to ask for it (Get the list).
4	Register	Post	FirstName, LastName, Address, City , Country , Phone , Cellular, Mail, CreditCardNumber, isAdmin, CategoriesOfInterse[], QuesToIdentify, identifyAnswer, UserName, Password	Bool	We are changing the database (the client table). We add a new client. True=user register successfully. False=user already exists or something went wrong.
5	Retrieval Password-Question	Get	UserName	String QuesToIdentify	The username is exist and return his question to identify him. We choose Get because we send one parameter.
6	Retrieval Password-Password	Post	UserName ,Answer	String Password of the user	The user provide one parameter. The answer to his Question is for Identification. If the Question not correct return "Not the right answer". If True return the Password. We choose Post because it is more safe.

7	get Product by name For Search	Get	Name	Return the product	When the client search for a product he will enter one parameter for searching. Using Get because there is only one information to deliver to the server or any wish to change any information. If the search succeed the server provide a list with products else he return empty list.
8	List Orders of User	Get	ClieID	Returns all orders Of user : OrdersID[]	Client can see his orders that have been made before. Using GET because there is one information to deliver to the server (username) or any wish to change any information.
9	order products	Post	clientID, OrderDate, shipmentTime, currency ,total amount		Cannot pass in Get because we send 5 parameters and we change information. In this method we add an order to the Order database.
10	Set product to order	Post	OrderID, productID, OrderDate , amount		Cannot pass in Get because we send 4 parameters and we change information.
11	List of product by category	Get	Category ID	return all products (names) with their category	Using GET because there is no information to deliver to the server or any wish to change any information. Each user can see list of products names divided by their categories.
12	User is admin	Get	username	Bool	Using GET because there only one information to deliver to the server or any wish to change any information. This function is to check if a client is register or not to let the client make a sale. True=client register, False=the client is a guest.
13	Is valid product	Get	product ID\name	String	Using GET because there only one information to deliver to the server or any wish to change any information. The method return the amount of each product that is in inventory.

14	Get all categories	Get	-	Return all categories: Categories[]	Using GET because there is no information to deliver to the server or any wish to change any information.
15	update amount of product	Put	product ID, amount	Bool	Change the amount of a product, Change the database of the products table. Not adding new record to a table. True=product amount change successfully. False=something went wrong.
16	List Products Of User Orders	Get	OrderID	All products of user	Using GET because there is one information to deliver to the server (OrderID) or any wish to change any information.
17	Get products list	Get	-	return all products: products[]	Using GET because there is no information to deliver to the server or any wish to change any information.
18	Get product	Get	Product ID	Return all the information about the specific product	Using GET because there only one information to deliver to the server or any wish to change any information.
19	Check If The Product Is In Orders	Get	Product ID	bool	Using GET because there is one information to deliver to the server (ProductID) or any wish to change any information.
20	Get Category To Product	Get	Product ID	Int category	Using GET because there is one information to deliver to the server (ProductID) or any wish to change any information.

- בעבודה זו מרב פולק הינה הלקוח ובתיה שרעבי הינה המתכנתת.
- הבעיות שבהן נתקלנו הינן : א. היה קשה לחלק את המתודות בצורה שביצענו בגלל שלקוח מסתכל אחרת על המערכת ואילו מתכנת ירצה לבצע את המערכת בצורה הקלה ביותר שלפעמים לא עמדה בדרישות המדויקות של הלקוח. ב. היה קשה למתכנת להבין איזה מתודות לבצע בצד שרת ואילו מתודות לבצע בצד לקוח כי ישנן מתודות שהיה ניתן לבצע בשני המקומות והיה צריך לבחור בצורה הטובה ביותר איפה למקם כל מתודה.