

מגישים: דן גלייזר 307431072
ניצן מסד 302954672

Drink Shop API

בחלק זה מתואר API של שרת המשמש עבור חנות משקאות חרפים וירטואלית ברשת.

על מנת להפעיל את הServer יש להריץ את הסקריפט "server.js", השרת יאזין על פורט 3100.

על מנת לגשת לכל אחת מהמתודות יש לשרשר לכתובת <http://localhost:3100> את הנתיב היחסי המתאים כפי שמתואר תחת "**Method Name**" עם השיטה המתאימה כפי שמתוארת תחת "**HTTP Method**". לדוגמא URL עבור ההרשמה הינו: <http://localhost:3100/Register>

כמו כן ערכי הקלט והפלט הינם מסוג JSON ומתוארים תחת "Parameters" ו "Returns" בהתאמה.

על מנת להזין קלט מומלץ להעתיק ולהדביק את הדוגמאות הקיימות תחת Parameters עם הערכים הרצויים.

הערה: לאחר ביצוע ההתחברות הראשונה (Login) תישמר Cookie אצל קליינט, אשר תאפשר גישה חופשית למתודות של משתמשים רשומים.

פרטי Login:

Costumers Users

UserName	Password
c	c
Shimi	123456
Bob	123456
Robi	123123
Lola	123456
Gosha	123456
Momi	123456
Moshiko	123456
UserSababa	RakSababa
Joni	654321

Admin Users

UserName	Password
a	a
MasterDrink	123456
Adminuser1	123456

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להלן המתודות:

ID	Method Name	HTTP Method	Parameters	Returns	Explanation
1	/Register	Post	<pre>{ "UserName": "YourUserName", "FirstName": " YourFirstName ", "LastName": " YourLastName ", "Password": "123456", "Address": "Rager", "City": "BeerSheva", "Country": "Israel", "Phone": "08-87654321", "Cellular": "054-123-4567", "Mail": "YourMail@mail.com", "CreditCardNumber": "55555555", "Categories" : ["Spirits", "Beers", "Wine"], "AnswersQ1": "answer to Q1", "AnswersQ2": "answer to Q2", "isAdmin": 1}</pre>	<pre>{ "Status": Bool, "Message": "msgContent" }</pre>	<p>Parameters: Categories: The available categories are: "Spirits", "Beers", "Wine"</p> <p>isAdmin values: 0: not admin 1: admin</p> <p>Return value: Bool: True=Successes False=Fail</p> <p>Message: Description in case of fail</p>
2	/LogIn	Post	<pre>{ "UserName": "YourUserName", "Password": "YourPassword" }</pre>	<pre>{ "NewestProducts" : [{ "DrinkID": 13, "DrinkName": " Carmel Wine", "CategoryName": "Wine", "Type": "Red Wine", "Year": "2014", "Country": "Italy", "ABV": "13%", "Description": "Great Wine", "Price": "9\$", "StockAmount": "20", "Date": "2017-06-05T10:00:00.000Z" }] }</pre>	<p>After First login, the log in happened directly by cookie details. In return getting all the data needed to be presented.</p>

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				<pre>}] Top5Products [{ "DrinkID": 16, "DrinkName": "CARLSBERG", "CategoryName": "Beers", "Type": "Beer", "Year": "2017", "Country": "Denmark", "ABV": "5%", "Description": "DANISH BEER", "Price": "4%", "StockAmount": "120", "Date": "2017-06- 05T10:00:00.000Z" }] "LastLoginDate": "Date" "CurrencyRate": "The Rate" }</pre>	
3	/Products/GetAllProducts	GET	-	<pre>[{ "DrinkID": 15, "DrinkName": "PAULANER", "CategoryName": "Beers", "Type": "Beer", "Year": "2017", "Country": "Belgian", "ABV": "5.5%", "Description": null, "Price": "5%", "StockAmount": "60", "Date": "2017-06- 05T10:00:00.000Z" }]</pre>	Return All products

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4	/Products/GetTopFiveProducts	Get	-	[{ "DrinkID": 16, "DrinkName": "CARLSBERG", "CategoryName": "Beers", "Type": "Beer", "Year": "2017", "Country": "Denmark", "ABV": "5%", "Description": "DANISH BEER", "Price": "4%", "StockAmount": "120", >Date": "2017-06-05T10:00:00.000Z" }]	The user just getting the top 5 products,
5	/PasswordRetrieve	Post	{ "UserName": "yourUserName", "AnswersQ1": "your answer Q1", "AnswersQ2": "your answer Q2" }	{ "Password": "123456" }	
6	/GetRecommendedProducts	Get	-	[{ "DrinkID": 16, "DrinkName": "CARLSBERG", "CategoryName": "Beers", "Type": "Beer", "Year": "2017", "Country": "Denmark", "ABV": "5%", "Description": "DANISH BEER", "Price": "4%", "StockAmount": "120", >Date": "2017-06-05T10:00:00.000Z" }]	Only logged in user can get recommendations.

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7	/GetInformationOnProductByID	Post	{ "ID": "SomeDrinkID" }	{ "DrinkID": YourDrinkID, "DrinkName": DrinkName", "CategoryName": " Category", "Type": " DrinkType ", "Year": "DrinkYear", "Country": "DrinkCountry ", "ABV": "DrinkABV", "Description": "DrinkDescription", "Price": "DrinkPrice", "StockAmount": "DrinkStock", "Date": "2017-04- 05T10:00:00.000Z" }	
8	/Orders/GetPastOrders	Get		[{ "OrderID": 1, "ClientId": 4, "DrinkId": 9, "Quantity": The Quantity, "PurchaseDate": "2017-06- 02T00:00:00.000Z", "Currency": "dollar" }]	
9	/Orders/MakeOrder	post	{ "ListOfProducts": [DrinkID1, DrinkID2], "ListOfQuantity": [Drink1Quantit, Drink2Quantit], "delivery time": "12/7/17" , "currency": "shekel", "Price": [Drink1Price, Drink2Price], "CategoryName": [" Drink1Category ", " Drink2Category "] }	{ "status": false , "message": " a message if the process succeed or felid" }	

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Bonus (** Only Admin user can call the following methods)					
10	/Admin/AddProduct	Post	{ "DrinkName": "YourDrinkName", "CategoryName": "YourDrinkCategory", "Type": "YourDrinkType", "Year": "1908", "Country": "israel", "ABV": "7%", "Description": "Describe it!", "Price": "6\$", "StockAmount": "1000" }	{ "Status": Bool, "Message": "Only admins can add products" }	Return value: Bool: True=Successes False=Fail
11	/Admin/DeleteProduct	Delete	{ "DrinkId": "8" }	{ "Status": Bool, "Message": "The product was deleted successfully" }	Return value: Bool: True=Successes False=Fail
12	/Admin/DeleteClient	Post	{ "ClientId": "8" }	{ "Status": Bool, "Message": "The Client was deleted successfully" }	Return value: Bool: True=Successes False=Fail
13	/Admin/changeProductInventory	Post	{ "DrinkId": "10", "newInventory": "50" }	{ "Status": Bool, "Message": "The Inventory was changed successfully" }	Return value: Bool: True=Successes False=Fail
14	/Admin/GetStockDetails	Get		[{ "DrinkName": " DrinkName", "StockAmount": "20" }]	

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15	/Admin/GetOrdersDetails	Get		[{ "OrderID": 2, "ClientID": 4, "DrinkID": 13, "CategoryName": "Wine", "Quantity": 5, "PurchaseDate": "2017-06-05T10:00:00.000Z", "Currency": "dollar", "Price": 5 }	
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