

Drink Shop API

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

על מנת להפעיל את Server 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.

להלן המתודות:

ID	Method Name	HTTP Method	Parameters	Returns	Explanation
1	/Register	Post	{ "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}	{ "Status": Bool, "Message": "msgContent" }	Parameters: Categories: The available categories are: "Spirits", "Beers", "Wine" isAdmin values: 0: not admin 1: admin Return value: Bool: True=Successes False=Fail Message:

מגשים: דן גלייזר 307431072
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Drink Shop API

					Description in case of fail
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" }] 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" }] }</pre>	After First login, the log in happened directly by cookie details. In return getting all the data needed to be presented.

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Drink Shop API

				"LastLoginDate" : "Date" "CurrencyRate" : "The Rate"	
3	/Products/GetAllProducts	GET	-	{ { "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" } }	Return All products
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", }	{ "Password": "123456" }	

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Drink Shop API

			"AnswersQ2": "your answer Q2"		
6	/GetRecommendedProducts	Get	-	<pre>{ "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" }</pre>	Only logged in user can get recommendations.
7	/GetInformationOnProductById	Post	<pre>{ "ID": "SomeDrinkID" }</pre>	<pre>{ "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" }</pre>	
8	/Orders/GetPastOrders	Get		<pre>{ "OrderID": 1, "ClientId": 4, "DrinkId": 9, "Quantity": The Quantity, "PurchaseDate": "2017-06-02T00:00:00.000Z", "Currency": "dollar" }</pre>	

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Drink Shop API

				}	
			}	}	
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" }	
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

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Drink Shop API

				}	
14	/Admin/GetStockDetails	Get		[{ "DrinkName": " DrinkName", "StockAmount": "20" }]	
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 }]	