נתאר את ה-API של חנות אינטרנטית למכירת תוספי מזון.

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| Explanation | Returns | Parameters | HTTP Method | Method Name | ID |
| Register cannot be passed with GET (confidential)  True=Success False=Fail | Bool | username, password, fname (first name), lnam(last name), address, city, country, phone, cell, mail, creditCardNum, ans1 (secret answer 1),  ans2(secret answer 2)  category1, category2 | POST | Register | 1 |
| Login cannot be passed with GET (confidential)  True=Success False=Fail | Bool | username, password | POST | Login | 2 |
| If the SecretQuestionAnswer matches the user's answer in the DB – Returns the password  RestorePassword Using POST because we need cannot deliver the password with GET (confidential) | String | username, ans1, ans2 | POST | Restore | 3 |
| Returns a list of the 5 most sold products of last week  Using GET because there is no information to deliver to the server or any wish to change any information | Top 5 products list: List | - | GET | Top5 | 4 |
| Returns the last month new products as a list  Using GET because there is no information to deliver to the server or any wish to change any information | List of items: List | - | GET | LastMonthItems | 5 |
| Returns the list of supplement categories  Using GET because there is no information to deliver to the server or any wish to change any information | List of categories: list | - | GET | Categories | 6 |
| Returns a list of all products from a given \ chosen category  Using GET because there is no information to deliver to the server or any wish to change any information | List of products: List | category | GET | ProductsByCategory | 7 |
| Returns a list of all products  Using GET because there is no information to deliver to the server or any wish to change any information | List of products: List | - | GET | AllProducts | 8 |
| Returns a list of suggested products to the specific user  Using GET because there is no information to deliver to the server or any wish to change any information | List of suggested products: List | username | GET | SuggestedProducts | 9 |
| Returns a list of all products that contain the given Name  Using GET because there is no information to deliver to the server or any wish to change any information | List of matching products: List | productname | GET | ProductSearch | 10 |
| Returns a json of the product details  Using GET because there is no information to deliver to the server or any wish to change any information | Json of product | productname | GET | ProductDetails | 11 |
| Adds the product to the user's shopping cart  True=Success False=Fail  Using PUT because there is a need to deliver the Shopping Cart to the server for update it in the DB  You cannot add an product that is already in the user’s cart, you must first delete it if you would like to increase/decrease | Bool | productname, username, amount | get | AddToCart | 12 |
| Returns a list of cart products by their name, company name and price. Sums up the prices  Using GET because there is no information to deliver to the server or any wish to change any information | List of items and the amounts: List | username | GET | DisplayCartItems | 13 |
| Using POST because we need to deliver the product to remove to the server for changing it in the order DB  Remove the product from the user's shopping cart  True=Success False=Fail | Bool | productname, username | POST | RemoveFromCart | 14 |
| Returns a list of all pass orders  Using GET because there is no information to deliver to the server or any wish to change any information | List of json objects – the whole order’s row: List | username | GET | PastOrders | 15 |
| Using POST because we need to deliver the details to the server for changing it in the order DB  Orders the products in the user's shopping cart  True=Success False=Fail | Bool | Shippmentdate,  userName | POST | PurchaseCart | 16 |
| Using POST because we need to deliver the username to the server  Success=total Fail=-1 | int | username | Post | CartTotalSum | 17 |
| Using POST because we need to deliver the username to the server | List of json of matching products in the user’s cart | username, flavor, company | Post | ProductByFeatures | 18 |