החנות הינה חנות כלבו וחומרי בניין.

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| --- | --- | --- | --- | --- | --- |
| **ID** | **Method Name** | **HTTP Method** | **Parameters** | **Returns** | **Explanation** |
| 1 | loginUser | POST | Username, password | Bool, last login date | Login cannot pass in GET.  True= login successfully.  False =login fail |
| 2 | createNewProduct | GET | ProductName, ProductID, ProducSupplier, ProducPrice | Bool, (Json object) Product | We will use GET to create new Products because its very few parameters, and we want to create new entity. |
| 3 | deleteProduct | DELETE | ProductID | Status code:200: user deleted successfully.  404: user not found.  500: error during deletion. | Deleting Product using DELETE method. Given ProductID we will delete the right Product. |
| 4 | createNewSupplier | GET | SupplierName | Bool, (Json object) Supplier | We will use GET to create new Supplier because its very few parameters, and we want to create new entity. |
| 5 | newPurchase | Post | UserID, amount, CreditCardCode, PurchaseID, PurchaseDate | Status code:200: Payed successfully.  500: error during Purchase. | We will use POST because we transfer secured data. |
| 6 | deleteSupplier | DELETE | SupplierID | Status code:200: user deleted successfully.  404: user not found.  500: error during deletion. | Deleting Supplier using DELETE method. Given ProductID we will delete the right Product. |
| 7 | getSellsSumByDate | Get | Date | Purchase[] | Getting Sell summarized by specific date using Get because it's only one parameter. |
| 8 | deleteUser | DELETE | UserID | Status code:200: user deleted successfully.  404: user not found.  500: error during deletion. | Deleting Product using DELETE method. Given ProductID we will delete the right Product. |
| 9 | productDetailsByID | Get | productID | String[] – returns details about a specific product: name, Supplier, price | using Get because it's only one parameter to pass. |
| 10 | addToCart | POST | UserID, ProductsID,  Quantity | Status code:200: add to cart successfully.  500: error during adding. | Creating new order in system, using post method because we pass a lot of paremeters and data. |
| 11 | allItemsInCart | Get | UserID | Returns all the previews orders of the specific user. Orders[],Product[] | We use GET because we want to receive information from the server. |
| 12 | updateUserDetails | Post | Username, pword,  Firstname,lastname,Email | Status code:200: updated successfully.  500: error during process. | Updating user Details. cannot pass in GET.  There is information to deliver to the server and also update the db. |
| 13 | createNewUser | post | Username,  Password,  first name, last name,email. | Status code:200: user created successfully.  500: error during process. | Create new User. cannot pass in GET.  There is information to deliver to the server and also update the db. |
| 14 | makeUserAdmin | Post | UserID | Bool | Making existing user to admin that opens to him al the administrations option. We use POST because we have to update the DB. |
| 15 | searchProduct | Get | productID | Json object - product | We wont going wt update the db wo we can pass the parameters by Get method. |
| 16 | recoverPassWord | Get | UserID | Bool | We will pass the parameter with GET method. When user ask to recover password he will get an email to do so. |
| 17 | productSearchByCategory | Get | productCategoryId | Products[] | We use GET because we want to receive information from the server. |
| 18 | productSearchByName | Get | productCategoryName | Products[] | We use GET because we want to receive information from the server. |
| 19 | removeFromCart | Get | productId | bool | We use GET because we want to receive information from the server. |

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הנחות –קבצי JASON אשר מיצגים אובייקטים.

קשיים – להחליט מי מהצדדים אחראים על אילו שיטות, היה קושי נוסף להחליט מתי להשתמש בPOST או מתי להשתמש בGET (מחוסר נסיון) כמו כן לא ידענו מהו הבמנה של קובץ JSON

קובץ JSON לדוגמא של משתמש חדש

{

"user\_name ": "NoahShogan",

"user\_password": 19608,

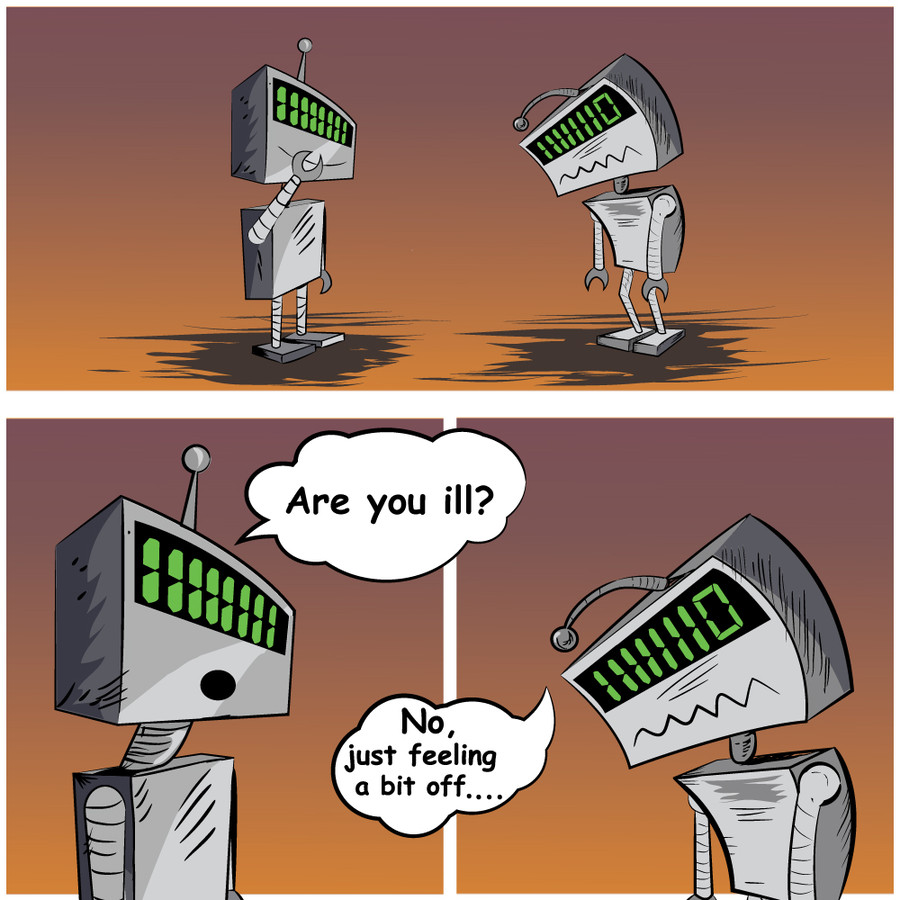
"email": "NoahShogan@gmail.com",

"payment\_method": creditCard,

"cardNumber": 1234-5678-1234-5678,

}

תמונת אילוסטרציה ממחישה אותנו עובדים על השרת



יוני

נח