

README

Files path - <https://github.com/rantsur/Ass4-web.git>

Listening to Port 5000

List of Users:

1. **UserName:** ron , **Password:** ronron11
2. **UserName:** galit , **Password:** galit777
3. **UserName:** tom , **Password:** tomtom88
4. **UserName:** dan , **Password:** dandan11
5. **UserName:** shaked , **Password:** shaked22
6. **UserName:** tal , **Password:** taltal11
7. **UserName:** adam , **Password:** adam4567
8. **UserName:** adi , **Password:** adiadi55
9. **UserName:** hila , **Password:** hila9999
10. **UserName:** amit , **Password:** amitami1

List of Admins:

1. **UserName:** Ran , **Password:** ran12345
2. **UserName:** Mor , **Password:** mor12121
3. **UserName:** a , **Password:** a

All the string fields are limited to 50 characters unless specific limit mentioned

*All the date fields are need to be written in the format: MM.DD.YYYY

POST: /register

Parameters: passed in request body

- UserName – String – mandatory (limit to 8 characters – letters only)
- Password – String – mandatory (limit to 10 characters)
- FirstName – String – mandatory
- LastName - String – mandatory
- Address - String – mandatory
- City - String – mandatory
- Country - String – mandatory
- Phone - String – mandatory
- Cellular - String – mandatory
- Mail - String – mandatory
- CreditCardNumber - String – mandatory
- isAdmin - Int – mandatory
- lastVisited – Date – mandatory – to enable last visited on login
- IdentifyQuestions[] – String – mandatory (1-2 questions)
- IdentifyAnswers[] – String – mandatory (according to questions[] size)
- Preferences[] – String – Not Mandatory

Returns: Cookie

POST: /login

Parameters: passed in request body

- UserName – String – mandatory
- Password – String – mandatory (limit to 10 characters)

Returns: Cookie

GET: /getQuestions

Parameters: none

Returns: Questions[] – {questionID (int), Description (string)}

GET: /getUsersQuestions/:UserName

Parameters: passed in request URL

- UserName – String – mandatory

Returns: QuestionsID[] – {questionID (int)}

POST: /restorePassword

Parameters: passed in request body

- UserName – String – mandatory
- QuestionsID[] – Int – mandatory
- Answers[] – String - mandatory

Returns: Password (String)

GET: /getCategories

Parameters: none

Returns: Categories[] – {CategoryID (int), CategoryName (string)}

GET: /getBrands

Parameters: none

Returns: Brands[] – {BrandID (int), BrandName (string)}

GET: /users/getPastPurchases

Parameters: passed in request URL

- UserName – String

Returns: Orders[] – {OrderID (int), UserName (string), OrderDate (date), ShipmentDate (date), Currency (string), TotalAmount (float)}

GET: /getTopXItems/:Quantity/:Days

Parameters: passed in request URL

- Quantity – Int – mandatory – Number of items to return
- Days – Int – mandatory – Amount of days to calculate

Returns: Products[] – { ProductID (int), Description (string), CategoryID (int), BrandID (int), Price (string), DateAdded (date) }

Remark: DateAdded return format: YYYY/DD/MM

GET: /getProducts

Parameters: none

Returns: Products[] – { ProductID (int), Description (string), CategoryID (int), BrandID (int), Price (string), DateAdded (date) }

GET: /users/getRecommendedProductsForUser

Parameters: none

Returns: Products[] – { ProductID (int), CategoryID (int), Description (string) }

POST: /users/purchaseShoppingCart

Parameters: passed in request body

- UserName – String – mandatory
- OrderDate – Date – mandatory
- ShipmentDate – Date - mandatory
- Currency – String - mandatory
- TotalAmount – float - mandatory
- Products[] – { ProductID (int) } – mandatory
- Quantities[] – { quantity (int) } - mandatory

Returns: none

Remark: Client should check products availability before purchase

GET: / products/getNewestXItems/:Quantity/:Days

Parameters: passed in request URL

- Quantity – Int – mandatory – Number of items to return
- Days – Int – mandatory – Amount of days to calculate

Returns: Products[] – { ProductID (int), Description (string), CategoryID (int), BrandID (int), Price (string), DateAdded (date) }

Remark: DateAdded return format: YYYY/DD/MM

GET: /products/checkStock/:ProductID/:Quantity

Parameters: passed in request URL

- ProductID – Int – mandatory
- Quantity – Int – mandatory

Returns: True – exist in with sufficient quantity, False – other

GET: /products/checkQuantity/:ProductID

Parameters: passed in request URL

- ProductID – Int – mandatory

Returns: Number of items from the concrete product in the stock

GET: /products/SearchForProducts/:stringToSerach

Parameters: passed in request URL

- stringToSearch – String – mandatory

Returns: RelatedProducts[] – { ProductID (int), Description (string), CategoryID (int),
BrandID (int), Price (string), DateAdded (date) }

GET: /admins/getOrders

Parameters: none

Returns: Orders[] – { OrderID (int), UserName (string), OrderDate (int), ShipmentDate (date),
Currency (float), TotalAmount (double) }

GET: /admins/getStock

Parameters: none

Returns: Stock – { ProductID (int), Quantity (int) }

POST: /admins/insertProduct

Parameters: passed in request body

- Description – String - mandatory
- CategoryID – Int – mandatory
- BrandID – Int - mandatory
- Price – Float – mandatory
- DateAdded – Date - mandatory

Returns: none

POST: /admins/deleteProduct

Parameters: passed in request body

- ProductID – Int – mandatory

Returns: none

PUT: /admins/updateStock

Parameters: passed in request body

- Products[] – { ProductID (int) } – mandatory
- Quantities[] – { Quantity (int) } - mandatory

Returns: none

Remarks: Quantity will be added to the current quantity in stock.

POST: /admins/insertUser

Parameters: passed in request body

- UserName – String – mandatory
- Password – String – mandatory (limit to 10 characters)
- FirstName – String – mandatory
- LastName - String – mandatory
- Address - String – mandatory
- City - String – mandatory
- Country - String – mandatory
- Phone - String – mandatory
- Cellular - String – mandatory
- Mail - String – mandatory
- CreditCardNumber - String – mandatory
- isAdmin - Int – mandatory
- IdentifyQuestions[] – String – mandatory (1-2 questions)
- IdentifyAnswers[] – String – mandatory (according to questions[] size)
- Preferences[] – String – Not Mandatory

Returns: none

PUT: /admins/deleteUser

Parameters: passed in request body

- UserName – String - mandatory

Returns: none