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| --- | --- | --- | --- | --- | --- |
| No | Method | Endpoint | Request | Response 200 | Error |
| 1 | POST | /register | * FirstName * LastName * Email * Password * Mobile | * message ("succeed! now login") | * Missing parameters * User with the email already exist |
| 2 | POST | /login | * Email * Password | * message * token | * Missing parameters * User Not found * The user does not verify * Password does not match |
| 3 | POST | /verify | * Email * Passcode | * message ("The user is now verified!") | * Missing parameters * User Not found * The passcode is incorrect |
| 4 | POST | /forgetPassword |  |  |  |
| 5 | POST | /updatePassword | * Email * Password | * message ("Password updated successfully") | * Missing parameters * User Not found |
| 6 | POST | /createProduct | * productName * productPrice * productPhoto(URL) * productCategoryId | * message ("The product is added") | * Token does not match (Forbidden) * Missing parameters * Product already exist |
| 7 | GET | /getAllProducts |  | * message – all the products | * Token does not match (Forbidden) |
| 8 | GET | /getProduct/:ProductId | * productId | * message – the product | * Token does not match (Forbidden) * Product with this id does not exist |
| 9 | GET | /getProductsByCategoryId/:categoryId | * categoryId | * message – the products | * Token does not match (Forbidden) * Products with this Category id does not exist |
| 10 | PUT | /updateProduct/:ProductId | * productid * productName * productPrice * productPhoto(URL) * productCategoryId | * message ("The product got updated successfully!") | * Token does not match (Forbidden) * Product with this id does not exist * Missing parameters |
| 11 | DELETE | /deleteProduct/:ProductId | * productId | * message ("The product got deleted!") | * Token does not match (Forbidden) * Product with this id does not exist |
| 12 | POST | /createCategory | * categoryName * categoryDescription | * message ("The category is added") | * Token does not match (Forbidden) * Missing parameters * Category already exist |
| 13 | GET | /getAllCategories |  | * message – all the categories | * Token does not match (Forbidden) |
| 14 | GET | /getCategory/:categoryId | * categoryId | * message – the category | * Token does not match (Forbidden) * Category with this id does not exist |
| 15 | GET | /getCategoriesByValue/:search | * Value(Name of category) | * message – the categories | * Token does not match (Forbidden) * There is no category name with this value |
| 16 | PUT | /updateCategory/:categoryId | * categoryId * categoryName * categoryDescription | * message ("The category got updated successfully!") | * Token does not match (Forbidden) * Category with this id does not exist * Missing parameters |
| 17 | DELETE | /deleteCategory/:categoryId | * categoryId | * message ("all delete category&products") * message ("The category got deleted!") | * Token does not match (Forbidden) * Category with this id does not exist |