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| ID | Method Name | HTTP Method | Parameters | Returns | Explanation |
| 1 | FiveHotProducts | GET | - | List of top five products: product[5] | Products are related to the seller not the client.  Using GET because there is no information to deliver to the server or any wish to change any information. |
| 2 | Login | POST | Username, Password | int | Login cannot pass in GET  1 = Regular user  2 = Admin  -1 = Failed |
| 3 | Register | POST | Username, Password, Firstname, Lastname,  Birthday, Sex, Email,  Address,  categoryid[], countryid, Question[], Answer[] | string | Register must pass in  POST to create a new record.  True = success False = error message |
| 4 | Users/ResetPassword | POST | username  Newpassword | Bool | Newpassword cannot pass in GET method because we don’t want to display the parameters in the URL.  True = success False = fail |
| 5 | GetpersonalQ | GET | Username | List of personal questions:  Questions[] | The method gets all the questions of the user  we used GET because there is no information to change or deliver to the server. |
| 6 | CheckAnswer | POST | Answer  Question  username | Bool | Answer cannot pass in GET methods because we don’t want to expose the answer.  True = correct answer to the question False = incorrect answer to the question |
| 7 | GetExistCategories | GET | - | List of categories:  CategoriesList[] | Using GET because there is no information to deliver to the server or any wish to change any information.  Returns all the categories |
| ~~8~~ | ~~GetExistCountries~~ | ~~GET~~ | ~~-~~ | ~~List of countries:~~  ~~CountriesList[]~~ | ~~Using GET because there is no information to deliver to the server or any wish to change any information.~~  ~~Returns all the countries~~ |
| ~~9~~ | ~~SendCookieInfo~~ | ~~POST~~ | ~~UserID,~~  ~~LastLoginDate~~ | ~~-~~ | ~~Answer cannot pass in GET methods because we don’t want to expose the answer.~~ |
| 10 | GetNewestProd/:many | GET | - | List of products:  Products[] | Products are related to the seller not the client.  Using GET because there is no information to deliver to the server or any wish to change any information.  Returns the newest products from this months |
| ~~11~~ | ~~GetProductsByCategory~~ | ~~GET~~ | ~~-~~ | ~~Tuples that contains category and list of products of this category:~~  ~~Tuple<category , products[]>~~ | ~~Products are related to the seller not the client.~~  ~~Using GET because there is no information to deliver to the server or any wish to change any information.~~  ~~Returns products by category~~ |
| 12 | ProductsFilteredByCategory | GET | Categoryid | List of products:  Products[] | Products are related to the seller not the client.  Using GET because there is no information to deliver to the server or any wish to change any information.  Returns products by category |
| 13 | Users/GetSuggetedProducts | GET | username | List of products:  Products[] | Products are related to the seller not the client.  Using GET because there is no information to deliver to the server or any wish to change any information.  Returns the suggested products |
| 14 | SearchProductsByName | GET | productname | List of products:  Products[] | Products are related to the seller not the client.  Using GET because there is no information to deliver to the server or any wish to change any information.  Returns the products by the search name. |
| 15 | SearchProductsByGenre | GET | Genreid | List of products:  Products[] | Products are related to the seller not the client.  Using GET because there is no information to deliver to the server or any wish to change any information.  Returns the products by the genre. |
| 16 | GetGenre | GET | - | Genres[] | Using GET because there is no information to deliver to the server or any wish to change any information.  Returns all of the genres exist. |
| 17 | Users/GetProductProper | GET | ProductID | productid  Productname, description, genreid, artistid  Price  adddate Amountintheinventory  orders | Using GET because there is no information to deliver to the server or any wish to change any information.  Returns all the products properties |
| 18 | Users/AddToCart | POST | ProductID, UserName  amount | string | 'Success' = Insert to cart succeeded 'error' = Insert to cart failed |
| 19 | Users/GetCart | GET | UserName | product [] | List of all the information about the albums in the cart of the user |
| 20 | Users/RemoveFromCart | POST | ProductID, UserName | string | Delete the product from the cart True = success  False = failed |
| 21 | Users/GetHistoryOfPercussing | GET | Username | product [] | List of all the information about the history of percussing |
| 22 | Users/PercussingProduct | POST | UserName,  productid  amount | string | True = The percuss succeeded False = There are not enough products in the inventory. |
| ~~23~~ | ~~SetDeliverTime~~ | ~~POST~~ | ~~UserName, ProductID,~~  ~~Date~~ | ~~string~~ | ~~True = The deliver time was set.  False = The deliver time set failed.~~ |
| ~~24~~ | ~~ExchangeCoins~~ | ~~POST~~ | ~~CoinType, Sum~~ | ~~Double~~ | ~~Return the sum of coins after the exchange or -1 if failed~~ |
| ~~25~~ | ~~ApproveOrder~~ | ~~POST~~ | ~~UserName, product~~ | ~~Int~~ | ~~Returns the number of the order or -1 if failed~~ |
| ~~26~~ | ~~GetOrderDetails~~ | ~~POST~~ | ~~OrderID~~ | ~~OrderTime, DeliverTime, productID, UserName~~ | ~~Returns the details of the order.~~ |
| 27 | Users/PercussCart | POST | UserName | string | True = The percuss succeeded False = There are not enough products in the inventory. |
| 28 | Admins/GetUsers | GET | - | List of users : Users[] | Returns a list of all of the Users in the collection |
| ~~29~~ | ~~GetUserDetails~~ | ~~GET~~ | ~~UserID~~ | ~~Username, Firstname, Lastname,~~  ~~Birthdate, Sex, Email,~~  ~~Address,~~  ~~Favoritecategories[], Country~~ | ~~Returns all the details of the given user~~ |
| 30 | Admins/AddProduct | POST | productid  ProductName  Price  Artistid  Genreid  Discription  Amountintheinventory  Category[] | string | Adding new product to the inventory. |
| 31 | Admins/DeleteProduct | post | ProductID | Bool | Deleting chosen product from the inventory. True = the deletion successded False = the deletion failed |
| 32 | Admins/AddCostumer | POST | Username, Password, Firstname, Lastname,  Birthday, Sex, Email,  Address,  categoryid[], countryid, Question[], Answer[] maneger | Int | Adding new costumer to the collection. -1 = failed else costumer ID |
| 33 | Admins/DeleteCostumer | POST | CostumerID | Bool | Deleting chosen costumer from the collection. True = the deletion successded False = the deletion failed. |
| 34 | Admins/GetProducts | GET | - | List of the products and their amount in the inventory:  Products[] | Return the amount of every product in the inventory . |
| 35 | Admins/AddToProductAmount | POST | ProductID, AmountToAdd | Bool | True = The add went successfully. False = the add failed. |