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| **Request/Response** | **Method+ Path** | **Description** | **Endpoint** |
| **Res**: allProducts | Get, '/admin/' | Get all products | Admin Router |
| Req: productID  Res : true/false | Post, '/admin/isTaken' | Check if the id of the product is taken | Admin Router |
| Req: Product Object  Res: newProduct | Post, 'admin/' | Add a product | Admin Router |
| Req: new Product Object  Res: updated Product | Put, 'admin/:id' | Update a Product | Admin Router |
| If Is Logged or Exist session  Res: User | Get, 'isUserLogged' | Checks if the user is logged | Common Routes |
| Req: Id and Email  Res: true:Taken, False: not | POST, 'idEmailTaken' | Checks ID and Email Taken | Common Routes |
| Req: User Obj  Res: the new UserObj | Post, 'register' | Register | Common Routes |
| Req: username and password  Res: foundUser in Db if Exist | Post, 'login' | Login | Common Routes |
| Destroy Session | Get, 'logout | Logout | Common Routes |
| **Res**: allProducts | Get,'/shop /' | Get all products | User Routes |
| **Res**: allCatagories | Get,  '/shop/allCatagories' | Get all catagories | User Routes |
| **Res**: allOrders | Get,  '/shop /allOrders' | Get all Orders | User Routes |
| **Res**: all Products in the catagory | Get,  '/shop /:catagoryName' | Get Category Id By name, then the products in the catagory | User Routes |
| Res: searches in all the products, if match, return it. Else, not Found. | Get,  '/shop/search/:product | Get a Product By Name | User Routes |
| Req: userId  Res: if found Cart return it, else false | Post, '/shop/isthereCart | Checks if there is a Cart | User Routes |
| Req: userId, orderStatus  Res: if found order return it, else false | Post, '/shop/isLastOrder | Checks if there is last Order | User Routes |
| Req: DateToDeliever  Res: if found and has more than 2 in the same day return false, else true | Post, '/shop/availableShipDate | Checks if the shipDate is avaiable | User Routes |
| Req: cartObj: userId, date, id  Res: a new Cart Obj if don’t have already | Post, '/shop/newCart' | New Cart | User Routes |
| Req: CartId  Res: AllCartProducts | Post, '/shop/cartProducts | Get All cartProducts | User Routes |
| Req: CartId  Res: Total Cart Price | Post, '/shop/TotalPrice | GetTotalPrice | User Routes |
| Req: CartProduct Obj  Res: new CartProduct | Post, '/shop/addCartProduct' | Add Product To Cart | User Routes |
| Req: Order Obj  Res: New Order Obj | Post, '/shop/orderCart' | OrderCart | User Routes |
| Req: Cart Id  Res: Deleted Cart | Delete,  '/shop/deleteCart' | DeleteCart after ordering | User Routes |
| Req: Cart Id  Res: How much Rows Affected | Delete,  '/Shop/deleteAllCart' | Delete all Products From Cart | User Routes |
| Req: Cartid, and ProductId  Res: if matched' the deletedProduct, else, json of 'Not match' Err | Delete,  '/shop/:id' | Delete A product From Cart | User Routes |
| Req: Cart id  Res: Downloaded textFile with the CartProducts | Post,  '/shop/downloadReciept | Download Reciept | User Routes |