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| API | USE & SAMPLE |
| /registeruser | To add a new user to gift registry.  POST  INPUT: JSON  {  "email": "test23@gmail.com",  "password": "test213",  "userType": 1,  "username": "User123"  }    OUTPUT: JSON  {  "email": "test23@gmail.com",  "password": "test213",  "userID": 129,  "userType": 1,  "username": "User123"  } |
| /customerdetails | To get all users with all user info.  GET  INPUT: -  OUTPUT:  [  {  "email": "test1@gmail.com",  "password": "test1",  "userID": 124,  "userType": 1,  "username": "Radhika1"  },  {  "email": "test@gmail.com",  "password": "test",  "userID": 125,  "userType": 2,  "username": "Radhika"  },  {  "email": "test2@gmail.com",  "password": "test2",  "userID": 126,  "userType": 1,  "username": "User1"  }  ] |
| /customerdetails/{userID} | To get a particular user information.  GET  Eg: <http://localhost:8085/GiftRegistryDBWeb/rest/customerdetails/124>  OUTPUT: JSON  {  "email": "test1@gmail.com",  "password": "test1",  "userID": 124,  "userType": 1,  "username": "Radhika1"  } |
| /registeruser/newuser/{emailId} | To check if the user already exists.  GET  OUTPUT: TXT  False – new user  True –old user |
| /customerdetails/updateInfo | To update user information like username and password.  POST  INPUT: JSON (Must have userID in the JSON)  {  "email": "test23@gmail.com",  "password": "test213",  "userType": 1,  "username": "User123RAD1",  "userID": 124  }  OUTPUT:  JSON  {  "email": "test23@gmail.com",  "password": "test213",  "userType": 1,  "username": "User123RAD1",  "userID": 124  } |
| /productmanagement/getbrands | To get all brands  GET  INPUT: -  OUTPUT: JSON  [  {  "brandID": 1,  "brandName": "Nike"  },  {  "brandID": 2,  "brandName": "Wildcraft"  }  ] |
| /productmanagement/getcategories | To get all categories.  GET  INPUT: -  OUTPUT:JSON  [  {  "categoryID": 1,  "categoryName": "Electronics"  },  {  "categoryID": 2,  "categoryName": "Kitchen"  },  {  "categoryID": 3,  "categoryName": "Fashion"  }  ] |
| /productmanagement/allproducts | To get all products  GET  INPUT: -  OUTPUT:  JSON  [  {  "brandID": 1,  "brandname": "PEN",  "category": "Electronics",  "categoryID": 1,  "certification": 1,  "imageURL": "",  "price": 40,  "productID": 900,  "productName": "PEN",  "rating": 4  }  ] |
| /productmanagement/addproduct | To add a product.  POST  INPUT: JSON  {  "productID" : 0,  "productName" : "IPHONE",  "price" : 1400,  "imageURL" : "",  "rating" : 5,  "certification" : 1,  "brandID" : 1,  "categoryID" : 1,  "brandName" : "",  "categoryName" : ""  }  productID,brandName,categoryName are updated after inserting into DB.  OUTPUT:JSON  {  "code": 100,  "message": "Success"  } |
| productmanagement/deleteproduct/{product-ID}  Eg:  http://localhost:8085/GiftRegistryDBWeb/rest/productmanagement/deleteproduct/903 | To delete a product.  GET  Input: -  OUTPUT:  {  "code": 100,  "message": "Success"  } |
| registrymanagement/getallregistry/{user-ID}  eg :  registrymanagement/getallregistry/124 | To get all registries of a user  GET  INPUT: -  OUTPUT:  [  {  "registryID": 900,  "registryName": "MyPublicRegistry",  "registryType": 1,  "userID": 124  },  {  "registryID": 901,  "registryName": "MyPrivateRegistry",  "registryType": 0,  "userID": 124  }  ] |
| /registrymanagement/add | To add a registry.  POST  INPUT: JSON  {  "registryID": 0,  "registryName": "My\_NEW\_PublicRegistry",  "registryType": 1,  "userID": 124  }  OUTPUT:  JSON  {  "registryID": 902,  "registryName": "My\_NEW\_PublicRegistry",  "registryType": 1,  "userID": 124  } |
| /registrymanagement/delete/{registry-ID}  Eg:  /registrymanagement/delete/902 | To delete a registry  GET  INPUT: -  OUTPUT:  JSON  {  "code": 100,  "message": "Success"  } |
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