ASSIGNMENT

Models :-

* User
* Product
* Cart

Routes :-

* User
* Product
* Cart
* Order

User Model Schema :-

* name (type = string, required)
* email (type = string, required, validation)
* password (type = string, required, minlength =7)
* isAdmin (type = string, required, default = false)
* token (type = string, autogenerated)

Product Model Schema :-

* name (type = string, required)
* brand (type = string, required)
* category (type = string, required)
* description (type = string, required)
* rating (type = number, required, default = 0)
* numReviews (type = number, required, default = 0)
* price (type = number, required, default = 0)
* owner (type = ObjectId, required, ref = User)

Cart Model Schema :-

* user (type = ObjectId, required, ref = User)
* items array ([{ product : {(type = ObjectId, required, ref = Product) }, quantity (type = Number)])

API End Points

|  |  |  |  |
| --- | --- | --- | --- |
| Description | Operation | URI | Access |
| Create new user | POST | /user/signup | Public |
| Login user | POST | /user/login | Public |
| Logout from current session | POST | /user/logout | USER |
| Logout from all session | POST | /user/logout All | USER |
| Get user info | GET | /user/me | USER |
| Update user info | PATCH | /user/me | USER |
| Delete user and its cart | DELETE | /user/me | USER |
| Login Admin | POST | /user/admin | PUBLIC |
| Get Admin info | GET | /user/admin/me | ADMIN |
| Get all products | GET | /catalogue | PUBLIC |
| Insert Single New Product | POST | /user/admin/createproduct | ADMIN |
| Insert multiple new product | POST | /user/admincreateproducts | ADMIN |
| Create another Admin or user | POST | /user/admin/createadminoruser | ADMIN |
| Delete product using its id | DELETE | /user/admin/product/:id | ADMIN |
| Update product using tis id | PATCH | /user/admin/product/:id | ADMIN |
| Delete admin user or user and its cart | DELETE | /user/admin/user/:id | ADMIN |
| Add item to cart using id | POST | /user/addtocart/:id | USER |
| Get info of all item of cart | GET | /user/cart | USER |
| Remove item from cart | PUT | /user/removefromcart/:id | USER |
| Final list of product to buy and total amount | POST | /user/buy | USER |