חנות מכישירים אלקטרונים

data structure

item in store

|  |  |  |
| --- | --- | --- |
| field name | type | description |
| id | running int | the serial id of the product |
| name | string | the name of the product |
| description | string | the description of the product |
| category | int | the category id |
| createTime | auto | the time when the product was up |
| price | int | the price of the product |
| imageUrl | string | the url of the image |
| unitsInStock | int | the number of products left |

category

|  |  |  |
| --- | --- | --- |
| field name | type | description |
| id | running int | the id of the |
| name | String | the name of the category |

user

|  |  |  |
| --- | --- | --- |
| field name | type | description |
| id | running int | the id of the user |
| fName | string | the first name of the user |
| lName | string | last name |
| userEmail | string | email |
| userPassword | hashed string | the decrtpted password of the user |
| isAuthorized | bool | is the user entered the passcode |
| userPasscode | int | random passcode to authorize the user |

User table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Error | Response 200 | request | endpoint | Method |
| * User exist | * userPasscode – random * account details | * fName * lName * userEmail * userPassword | /signUp | Post |
| * userEmail or password invalid | * token | * userEmail * userPassword | /login | Post |
| * email not found or * passcode don’t match | * message | * userEmail * userPasscode | /verify | Post |
| * email not exist | * message * passcode | * Email | /forgetPassword | Put |
| * same old password * email not exist | * message | * id * new password | /changePassword | Put |

Product table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| method | Endpoint | request | Response 200 | Error |
| Post | /addProduct | * name * description * category * price * imageUrl * unitsInStock * token | * id * message | * empty name/price/category/unitsInStock * token invalid |
| Remove | /remove | * id | Message | Id not exist |
| Put | /update | * name * id * description * category * price * imageUrl * unitsInStock * token |  |  |
| Get | /findById | Id | Product’s details | Id now exist |
| Get | /findAll |  | All products |  |
| Get | /findByCategory | categoryId | Products from that category | Category not exist |

Category table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Endpoint | Request | Response | Error |
| Post | /addCategory | * token * categoryName | Id | Category name already exist  Invlaid token |
| Remove | /remoceCategory | * token * categoryId | Message | * id don’t exist * invalid token |
| Get | /findById | Id | Category details | Id doesn’t exist |
| Get | /findAll |  | All categories’s details |  |
| Put | /updateCategory | * token * categoryId | Message | * invalid token * id not exist |