

Technical Report for Online Fashion Store System

Technology Stack

1. ReactJS
2. NodeJS
3. MongoDB
4. ExpressJS

REST API

Authentication is done using JWT.

There is three user roles,

1. Admin
2. Manager
3. User

Note: Here only most important routes have been listed. There may be more end points.

User end points

Route	Type	Description	Body Type	Parameters
api/users/	GET(Protected)	Get all users	-	-
api/users/login	POST	Authenticate User	json	email : string, password: string
api/users/register	POST	Register User	Multipart formdata	name: string, email: string, password: string, imageLink: file, type: string(Optional)

**Default user type for register request is User. To create a Manager type User should send a JWT token as a header value in Authorization.*

Category end points

Route	Type	Description	Body Type	parameters
api/category/	GET	Get all categories	-	-
api/category/find	GET	Find category by ID	-	id: string
api/category/	POST	Create a category(Protected)	Json	catName: string
api/category/update	POST	Update Category	Json	id: string,

				catName: string
api/category/delete	POST	Delete category	Json	id: string

Cart end points

Route	Type	Description	Body Type	Parameters
api/cart/	GET	Get all cart items	-	-
api/cart/create	POST	Add products to cart	Json	userId: string, productId: string, isBought: Boolean
api/cart/	PATCH	Update cart product details	Json	id: string, isBought: boolean
api/cart/delete	POST	Delete item from cart	json	userId: string, productid: string

Rating end points

Route	Type	Description	Body Type	Parameters
api/ratings/create	POST	Add new rating	json	userId : string, productid: string, comment: string, rate: number, imageLink: string, username: string
api/ratings/update	POST	Update a rating	json	ratelId: string, comment: string, rate: number
api/ratings/delete	POST	Delete rating	json	ratelId: string
api/ratings/findByProductId	GET	Get ratings by product id	-	productId: string

WishList end points

Route	Type	Description	Body Type	Parameters
-------	------	-------------	-----------	------------

api/wishList/create	POST	Add new item	json	userId: string, productId: string
api/wishList/delete	POST	Remove item	json	userId: string, productId: string
api/wishList/find	GET	Find wishlist items by user	-	userId: string

Product end points

Route	Type	Description	Body Type	Parameters
api/products/findByCategoryId	GET	Get products by category id	-	id: string
api/products/findByProductId	GET	Get product by product id	-	id: string
api/products/	POST	Create new product	multipart/form data	name: string, price: string, description: string, categoryId: string, categoryName: string, hasDiscount: Boolean, imageLink: file, productCount: number
api/products/updateWithoutImage	POST	Update product	multipart/form-data	name: string, price: string, description: string, categoryId: string, categoryName: string, hasDiscount: Boolean,

				productCount : number
api/products/updateWithImage	POST	Update product	multipart/form-data	name: string, price: string, description: string, categoryId: string, categoryName: string, hasDiscount: Boolean, productCount : number, imageLink: file
api/products/updateProductCount/:id	PATCH	Update product count	json	id: string, productCount : number