Mher Tovmasyan

E-commerce website

Introduction:

Project is a simple and reliable e-commerce website. With user-friendly interface and basic functions.

A well-organized product catalog and search has been created to allow customers to browse through different categories and easily find the products they want and add to cart.
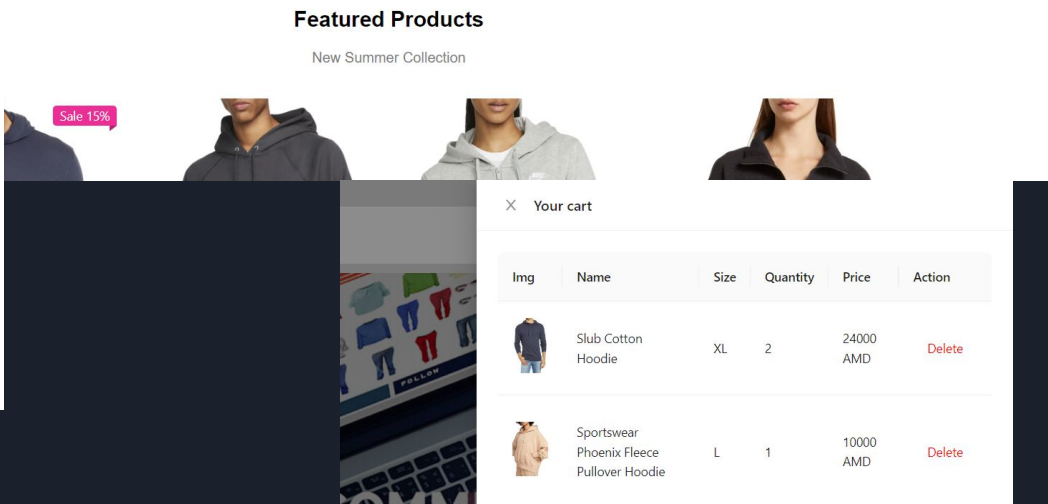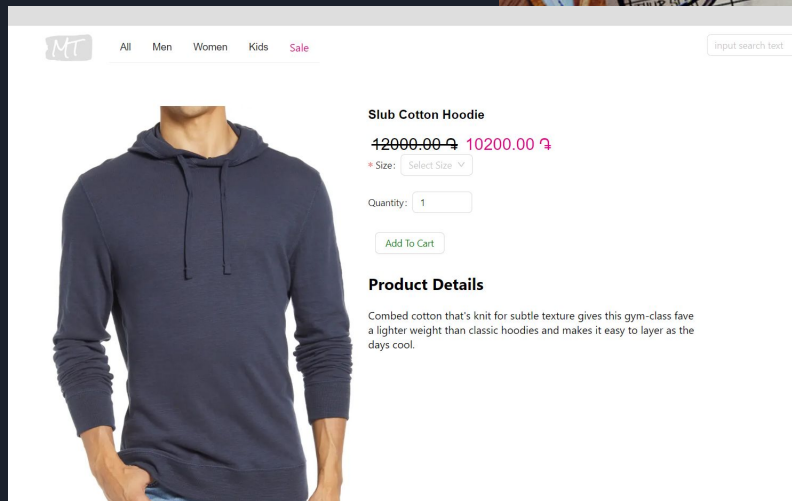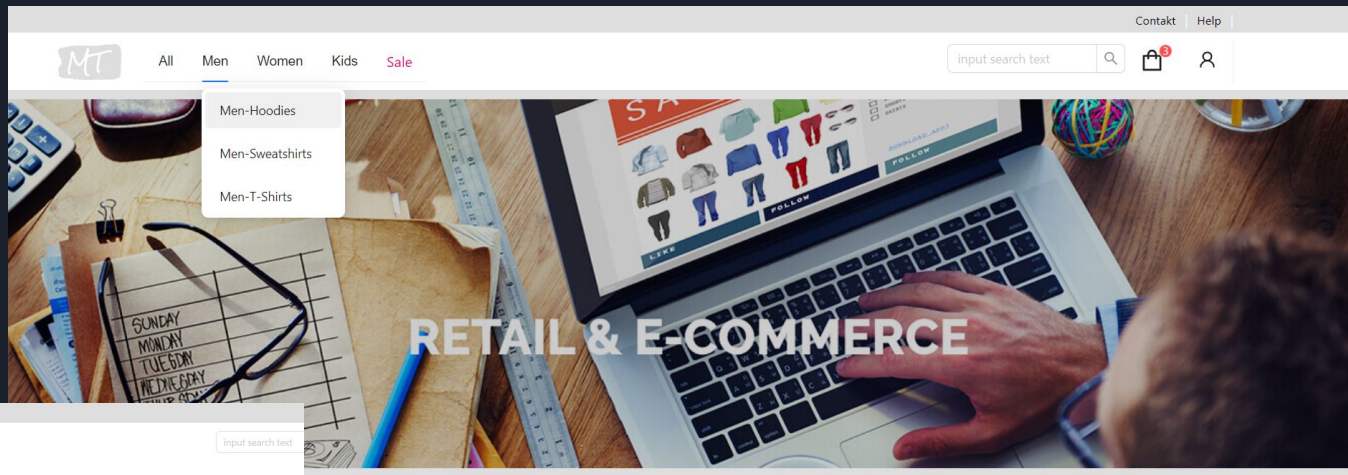
Tech stack

Baskend Node.js

- MySql
- Express
- Sequelize
- Jwt, nodemailer
- Multer

Frontend

- Typescript
- React.js
- Redux, toolkit
- Ant design

Home page

- Categories
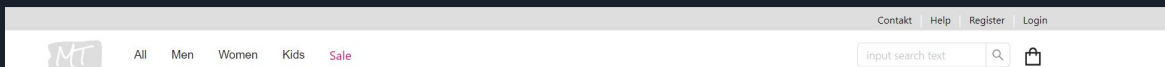- Search
- Cart
- Product

MT | Contakt | Help

All Men Women Kids Sale

Men-Hoodies

Men-Sweatshirts

Men-T-Shirts

input search text

RETAIL & E-COMMERCE

Featured Products

New Summer Collection

Sale 15%

MT All Men Women Kids Sale

input search text

Slub Cotton Hoodie

12000.00 ֏ 10200.00 ֏

* Size: Select Size ∨

Quantity: 1

Add To Cart

Product Details

Combed cotton that's knit for subtle texture gives this gym-class fave a lighter weight than classic hoodies and makes it easy to layer as the days cool.

✕ Your cart

Img	Name	Size	Quantity	Price	Action
	Slub Cotton Hoodie	XL	2	24000 AMD	Delete
	Sportswear Phoenix Fleece Pullover Hoodie	L	1	10000 AMD	Delete

Login and registration page

- Authentication (JWT)
- verification (NodeMailer)
- Cart

All Men Women Kids Sale

input search text

BECOME A MT MEMBER

* Name:

* Surname:

* Email:

* Password:
Please input your password!

Submit

Already a Member? login

All Men Women Kids Sale

input search text

YOUR ACCOUNT
FOR EVERYTHING

* Email: mhertovmasyan904@gmail.com

* Password: ••••••••

Submit

Not a Member? register

info | support | marketing

Admin page to manage the site

- CRUD products
- CRUD categories
- CRUD navbar

- Routers (Express)
- Authentication (JWT)
- Verification (NodeMailer)
- Multer

```javascript
jwt.verify(token, SECRET, (err) => {
    if (err) {
        return res.sendStatus(403)
    };
    const decoded = jwt.decode(token)
    Users.findOne({
        where: {
            email: decoded.email
        }
    }).then((user)=>{

        if("user" === user.role){
            return res.json("it is not verified")
        } else if("verified_user" === user.role){
            next()
        } else {
            return res.sendStatus(403)
        }
    }).catch((err)=>{
        console.log(err)
        res.sendStatus(403)
    })
})
```

```javascript
10  router.get('/allproducts', PublicControllers.allProducts);
11  router.get('/allcategories', PublicControllers.allCategories);
12  router.get('/allnavbars', PublicControllers.allNavbars);
13  router.get('/product/:product_id', PublicControllers.product);
14  router.get('/navbars', PublicControllers.navbars);
15  router.get('/categories/:category', PublicControllers.categories);
16  router.get('/categoryId/:category_id', PublicControllers.categoryId);
17  router.get('/navbarId/:navbar_id', PublicControllers.navbarId)
18  router.get('/verify/:token', PublicControllers.verify);
19  router.get('/images/:name', PublicControllers.images);
20  router.post('/register', PublicControllers.register);
21  router.post('/login', PublicControllers.login);
22
23  router.post('/addcart', authenticateToken_user, userControllers.addCart);
24  router.post('/deletecart', authenticateToken_user, userControllers.deleteCart);
25  router.get('/userbuys/:cart_id', authenticateToken_user, userControllers.userBuys);
26
27  router.post('/addcategory', authenticateToken_admin, adminController.addCategory);
28  router.post('/addnavbar', authenticateToken_admin, adminController.addNavbar);
29  router.post('/addproduct', authenticateToken_admin, adminController.addProduct);
30  router.post('/upload', upload.single('image'), adminController.upload);
31  router.delete('/deleteproduct', authenticateToken_admin, adminController.deleteProduct);
32  router.delete('/deletecategory', authenticateToken_admin, adminController.deleteCategory);
33  router.delete('/deletenavbar', authenticateToken_admin, adminController.deleteNavbar);
34  router.put('/updateproduct/:product_id', authenticateToken_admin, adminController.updateProduct);
35  router.put('/updatecategory/:category_id', authenticateToken_admin, adminController.updateCategory);
36  router.put('/updatenavbar/:navbar_id', authenticateToken_admin, adminController.updateNavbar);
37
38  module.exports = router;
```

```javascript
function sendmail(email, token) {

    const transporter = nodemailer.createTransport({
        service: 'gmail',
        auth: {
            user: process.env.EMAIL,
            pass: process.env.EMAIL_PASSWORD
        }
    });

    const mailOptions = {
        from: 'tovmasyanmher70@gmail.com',
        to: email,
        subject: 'Sending Email using Node.js',
        text: `click http://localhost:3001/verify/${token}`
    };

    transporter.sendMail(mailOptions, function (error, info) {

        if (error) {
            console.log(error);
        } else {
            console.log('Email sent: ' + info.response);
        }
    });
}
```
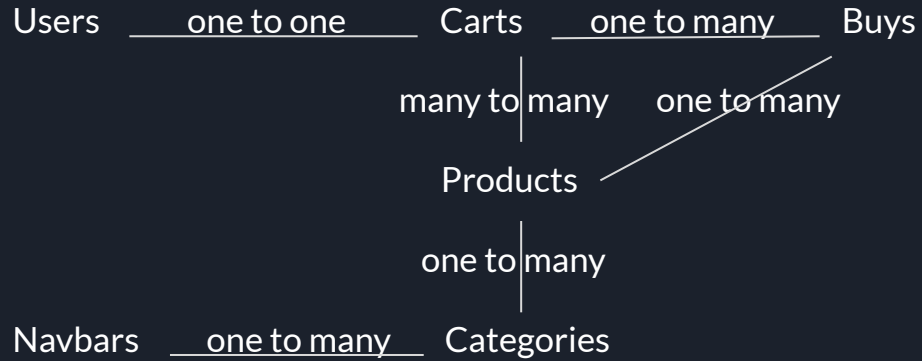
- MySql
- Sequelize

Users _____ one to one _____ Carts _____ one to many _____ Buys

many to many   one to many

Products

one to many

Navbars _____ one to many _____ Categories

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