

Assignment 3

Convert your static website to a dynamic one by using:

- ExpressJs as backend server
- Mongodb as database storage
- Server Side or Client Side Rendering, up to you.

Assignment Goal:

1. All products, promotions, features are loaded from database . (Required)
2. Provide admin panel for administrator to manage products (Required)
3. Authentication is required for admin to manage product or normal users to purchase products (Required)
3. Normal users can add product to cart and click purchase (Bonus)
4. Normal users can see their purchase history (Bonus)
5. Normal users can comment on product . (Bonus)

Bonus tasks are what you are encouraged to do and you will get bonus score if you can manage to do it. Else, it is enough if you can finish the required tasks.

Application Workflow:

1. User go to <http://awesome.shop>, user will see the home page of the ecommerce website
2. User can look around, view product detail, view comments without log in
3. User is required to log in if user want to purchase product or comment on product
4. User is redirect back to the page they want to go before login.
example: User try to comment on product A (detail page), but user is required to login, so after log in, user will be redirect the detail page of product A.
5. User with role admin, can see additional admin panel page when they can manage the product
 - Create new product
 - Update existing product
 - Delete product
 - Create feature items
 - Update feature item
 - Delete feature item
 - View purchase order
 - (you may add more if you want, and it is encouraged to do so)

You are not required to make the UI exactly the same as the provided mockup, you are encouraged to make it more beautiful

Online Shopping

http://awesome.shop/signin

Welcome to Awesome Shop

Enter your email address and password to access to continue

Email address

Password

Log In

Don't have an account? [Sign Up](#)

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After user log in, go to any page that user come from

Online Shopping

http://awesome.shop/signup

Welcome to Awesome Shop

Don't have an account? Create your own account, it takes less than a minute

Username

Email address

Email address is already exist!

Password

Confirm Password

☐ I accept Terms and Conditions

Sign Up


Already have account? [Sign In](#)

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- Validation rules:
- 1. Username is a free text so you don't need to validate anything
 - 2. Email must be unique
 - 3. Password & Confirm password must be matched.
 - 4. Password must be at least 3 characters
 - 5. User must click on "I accept Terms and Condition" before they can click "Sign Up"
 - 6. If validation fail, they must return to the same page, and display what wrong (refill the old information)
 - 7. Password must be hashed

After user register successfully, redirect to Sign In

Online Shopping



http://awesome.shop/admin



Awesome Shop | Admin Panel

[Home](#) | [Log Out](#)

Products













User

Purchase Order

History

All Products in stock

Add Product

	Name ▲	Qty ▼	Detail	Instock At ▼	Category	Actions
	Hand Bag	40	Hand back for ladies	22nd, Jan 2021	Bag	 
	T-Shirt	38	Long sleeve T-Shirt	10th, Jan 2021	Cloth	 
	Men's Bag	41	Leather bag	06th, Jan 2021	Bag	 
	Computer Dell 2320	20	Laptop computers	02nd, Jan 2021	Electronic	 

The other items has the same layout.

