Introduction 1/5

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 Rending, up to you.

Assignment Goal:

All products, promotions, features are loaded from database. (Required)
 Provide admin panel for administrator to manage products
 Authentication is required for admin to manage product or normal users to purchase products

 Normal users can add product to cart and click purchase
 Normal users can see their purchase history
 Normal users can comment on product.

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.

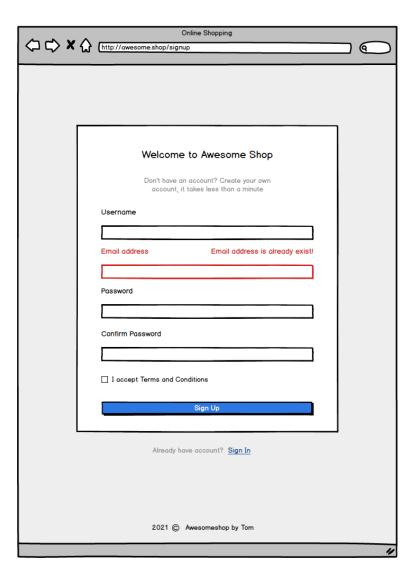
Application Workflow:

- 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.
- 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



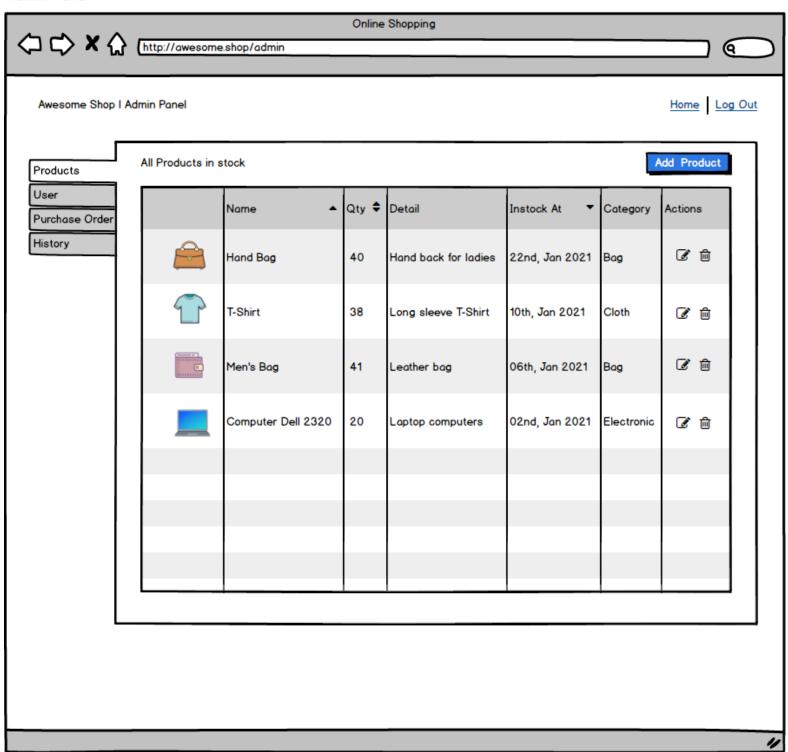
After user log in, go to any page that user come from



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"
- 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



The other items has the same layout.

Home Page 4/5



Product Page 5 / 5

