

# Dynamic Website – Amazon

Course: (WEB120) -Web Application Programming

Submitted By

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## **Introduction**

Criteria of the assignment is to create a dynamic website like – Amazon.

The below is created using Node.js, Express, Express handlebars, and MVC model.

## **Home Page**

The home page consists of Header with logo and navigation bar, banner image to depict the current promotion products, top deals product categories, Best sellers and then footer with menu option.

The data are done in Dynamic way with two different Database.

- productDB
  - It consists of all the products description, rating, price, featured and product image.
  
- categoriesDB
  - It consists of all the products title of the category and the category product image.

The header has Amazon logo, and other menu option with Sign In and Sign Up button.

Then, it has the banner image which displays the current promotion of products. Followed by that, there is a Top Deals section which displays the different category of products and the products displayed is taken dynamically from categoriesDB.

The next section is Best Sellers, which displays the products which are featured. It means, it fetches the data from productDB, if the featured Boolean is set to “true”.

In the end, the footer is displayed with set of menu options and social media links and Copyrights.

The following image is the Home Page of Amazon that is created from above given details.

# UP TO 50% OFF MONTHLY GROCERIES



## Top Deals

### Electronics

[Explore Now](#)

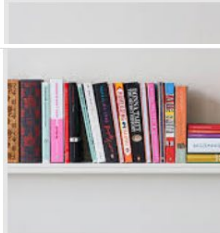
### Father's Day

[Explore Now](#)

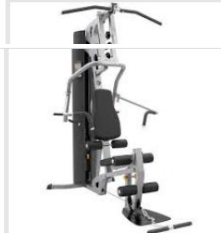
### Furnish your home

[Explore Now](#)

### Books

[Explore Now](#)

### Get fit at home

[Explore Now](#)

## Best Sellers



## **Product Page**

The product page consists of Header with logo and navigation bar, products, and then footer with menu option.

The data are done in Dynamic way with two different Database.

- categoriesDB
  - It consists of all the products title of the category and the category product image.

The header has Amazon logo, and other menu option with Sign In and Sign Up button.

Then, it displays the product list which is fetched from the database – productDB. It displays the product in a grid with 3 columns and one filter column. The products are displayed with description, rating, price, product image.

In the end, the footer is displayed with set of menu options and social media links and Copyrights.

The following image is the Product Page of Amazon that is created from above given details.

## Login Page

The login page consists of Header with logo and navigation bar, products, and then footer with menu option.

The header has Amazon logo, and other menu option with Sign In and Sign Up button.

Then, it displays the login form for the user to sign in.

In the end, the footer is displayed with set of menu options and social media links and Copyrights.

The following image is the Login Page of Amazon that is created from above given details.

amazon.com Accounts Orders Cart Sign In Sign Up

## Sign In

Email  
Enter Email

Password  
Enter Password

Password must contain of at least 6 characters.

→ [Need help?](#)

Sign In

New to Amazon? [Create your amazon account.](#)

amazon.com

**Get to know Us**  
Careers  
Amazon planet  
Investor relation  
Press release

**Make money**  
Sell on Amazon  
Amazon associates  
Advertise your products

**Let Us help You**  
Shipping rates  
Returns  
Amazon Prime  
Customer service

**Follow Us**  
f i t

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## Registration Page

The registration page consists of Header with logo and navigation bar, products, and then footer with menu option.

The header has Amazon logo, and other menu option with Sign In and Sign Up button.

Then, it displays the registration form for the user to register when the user is using for the first time.

In the end, the footer is displayed with set of menu options and social media links and Copyrights.

The following image is the Registration Page of Amazon that is created from above given details.

amazon.com

AccountsOrdersCart

Sign InSign Up

Create account

Your Name

Enter your name

Email

Enter email

Password

Atleast 6 characters

Repeat Password

Repeat Password

Register

By creating an account, you agree to Amazon's [Condition of Use](#) and [Privacy Notice](#)

Already have an account? [Sign in](#).

amazon.com

Get to know Us

Careers  
Amazon planet  
Investor relation  
Press release

Make money

Sell on Amazon  
Amazon associates  
Advertise your products

Let Us help You

Shipping rates  
Returns  
Amazon Prime  
Cutomer service

Follow Us



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## Inventory Page


The inventory page consists of List of all the inventory products and the Addition of the inventory products.

The List of all the Inventory products will display the prodcuts that has been added by the admin through the Inventory addition page and it also has the options to add new products and the Update/deletion of the products. Then, it displays the registration form for the user to register when the user is using for the first time.

The following image is the List of all the products added by admin.

amazon.com
Accounts
Orders
Logout

Add New product



Name: alexa

Description: Amazon alexa grey

Category: electronics


Quantity: 15

BestSeller: true

Price: 200

Edit/Update product

Delete product



Name: bose speaker

Description: High definition bose speaker

Category: electronics


Quantity: 10

BestSeller: true

Price: 275

Edit/Update product

Delete product



Name: boat headset

Description: Boat headset blue color

Category: electronics


Quantity: 15

BestSeller: true

Price: 90

Edit/Update product

Delete product



Name: hard disk

Description: seagate 1TB hard disk

Category: electronics


Quantity: 100

BestSeller: true

Price: 100

Edit/Update product

Delete product



Name: Mens t-shirt

Description: cotton tshirt

Category: men


Quantity: 12

BestSeller: true

Price: 50

Edit/Update product

Delete product



Name: Me before you

Description: jojo moyes

Category: books

Quantity: 10

BestSeller: true

Price: 15

Edit/Update product

Delete product

The following image is the Addition of the inventory.



amazon.com

AccountsOrdersLogout

## Inventory

Product Name

Enter product name

Product Price

Enter product price

Product Description

Enter product description

Product Category

Men's

Product Quantity

Enter product quantity

Bestseller

☐ Yes ☐ No

Upload Photo

Choose FileNo file chosen

Submit

amazon.com

Get to know Us

Careers  
Amazon planet  
Investor relation  
Press release




Make money

Sell on Amazon  
Amazon associates  
Advertise your products

Let Us help You

Shipping rates  
Returns  
Amazon Prime  
Customer service

Follow Us



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## Description Page


The description page will provide detail information about the product.

The following is the image for the Description of product.

amazon.com

AccountsOrdersLogout

bose speaker



High definition bose speaker

Price: \$ 275

In Stock

Product Quantity

3

Add to Cart

amazon.com

Get to know UsMake moneyLet Us help YouFollow Us

## Cart Page

The cart page will provide information about the product added to cart by the user.


It provides the product, the quantity and the Total of the product

The following is the image of Cart.

amazon.com

AccountsOrdersLogout

Cart



bose speaker

Price :275

Quantity :2

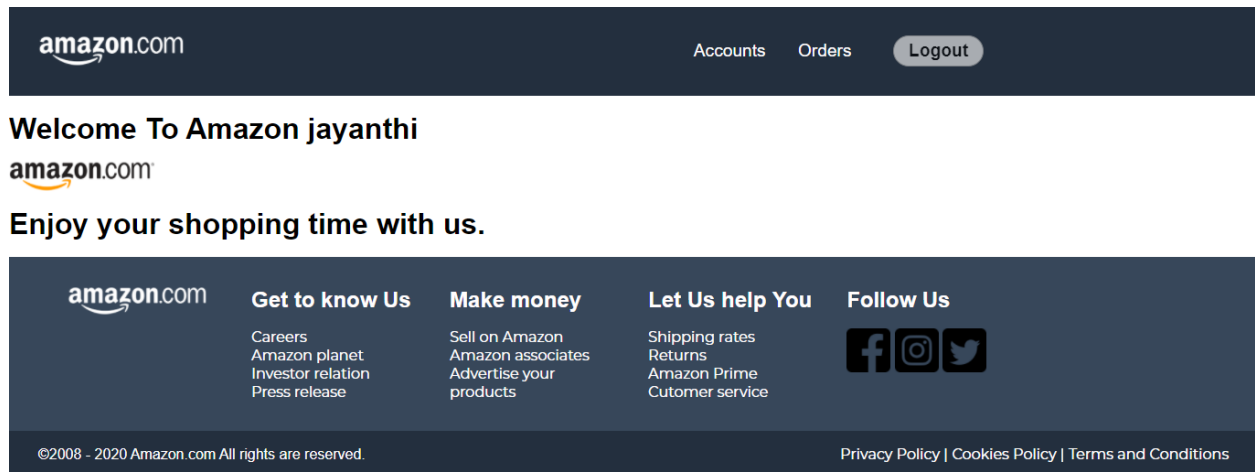
Total :550

Confirm Order

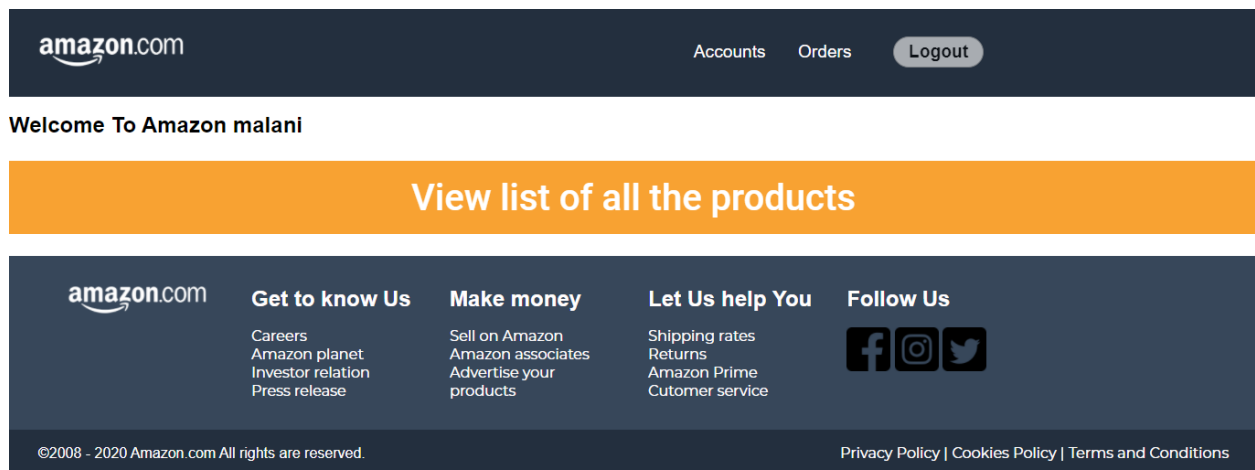
amazon.com

Get to know UsMake moneyLet Us help YouFollow Us

The following is the image User Dashboard.



The following is the image Admin Dashboard.



## Admin

User name : Malani

Email : [malani@gmail.com](mailto:malani@gmail.com)

**Password** : malani@12

## **User**

**User name** : jayanthi

**Email** : [jayanthi@gmail.com](mailto:jayanthi@gmail.com)

**Password** : jaimaa