Group 5 – BCS32
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A Proposal on E-commerce Platform with Auction and Barter Systems for Online Shoppers and Sellers

1.) Accessing the Website

We have deployed the website on Heroku (PaaS) to showcase the working demo. The demo can be found at https://minima-bcs32.herokuapp.com/. No installation is required to access it.
Note: It may take a while to start up at first. This is because Heroku automatically shuts down the server after 30 minutes of inactivity on the free version and it needs to be booted up again.

Alternatively, you may follow the installation instructions below to run the website on a local host. Installation and running of the server are all run from the terminal, but the website is accessed at localhost:3000 in your preferred browser. You may also need to familiarize yourself with Linux CLI before proceeding with the installation.

2.) Installation Instructions

Requirements:

Operating System: Linux or Windows Subsystem for Linux (WSL)

Note: Installation may differ depending on the Linux distribution used. You may also use a virtual machine.

Ruby version: 2.7.2

Rails version: 6.0 +

Node version: 14.0 +

Yarn version: 1.22.10

ImageMagick: 7.0+

Installation:

RVM - Ruby Version Manager

We recommend installing RVM first to avoid conflict with system and pre-existing ruby installations. A full guide for installation can be found at their website linked here - https://rvm.io/rvm/install

Once RVM is installed you need to type in "rvm list" to see which version of ruby you are using. If none, then you must install the correct version of ruby by entering "rvm install 2.7.2". If there are two versions and you are using a different version stated by rvm list, you need to type "rvm use 2.7.2 --default" to use the correct one. Confirm the ruby version by typing in "ruby -v".

Troubleshooting:
1.) **RVM is not a function [when typing in rvm use]**
You may need to do "source ~/.bash_profile" or ". ~/.bash_profile" first to be able to switch versions.

Ruby on Rails

Once you are using the correct version of ruby (2.7.2), you can simply install rails by typing in "gem install rails -v 6.0" in the terminal. If ruby or gem command is not found, you may need to refer to the installation again and properly add rvm to the bash profile.

Once you are both using the correct version of ruby and rails, go to the BCS32 directory using the terminal (Files are linked here - https://drive.google.com/file/d/1Vu7nqvF6ObXq8JPsLwC5QaFJuFyxevFa/view?usp=sharing – simply unzip the file). You need to then type in "bundle install" to install the required gems specified in the rails project. Lastly,

simply run the website by typing in "rails server" and, using your browser, access localhost:3000.

An admin account can be accessed by going logging in with e-mail: bcs32@example.com with a password: password. Then simply go to the admin URL page at localhost:3000/admin to configure the site's products, shipping, prices, orders, and more. To halt the website, use the interrupt command CTRL+C in the terminal.

Troubleshooting:

1.) Your ruby version is X.X.X, but your Gemfile specified 2.7.2
   You may need to check which ruby version you are currently using by typing in "ruby -v" in the terminal. Make sure you are inside the BCS32 directory when entering this command. Afterwards, follow the steps again for selecting the correct ruby version in the RVM section of this instruction.

2.) Node_module / Webpacker error
   You may need to check if you have node and yarn installed via "node -v" and "yarn -v" respectively. Make sure you are using the same or higher version specified in the requirements.

3.) Other Errors
   It is possible to run into errors that we have not encountered during the installation process. If this occurs, you may need to reinstall either ruby, rails, or rvm to continue.

ImageMagick

To properly display and resize images on the site, the rails application needs to use imagemagick. The installation can be found on their website here - https://imagemagick.org/script/download.php. Be sure to check if your Linux distribution already has it pre-installed to prevent double installation.

Troubleshooting:

1.) I have ImageMagick installed but the images are still not showing up.
   This is a problem with the delegates of your magick installation. If you type in "magick -version" you can see the list of all installed delegates. If png and jpeg are both missing, then you must install them first to display the images.
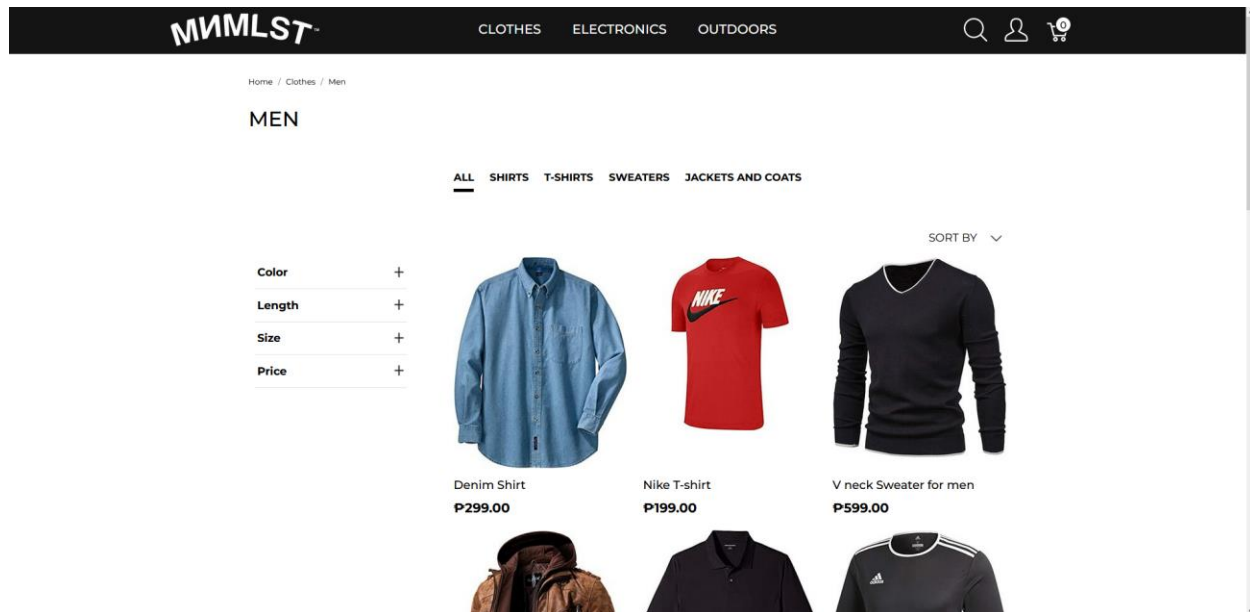
3.) Important Features of Online Store
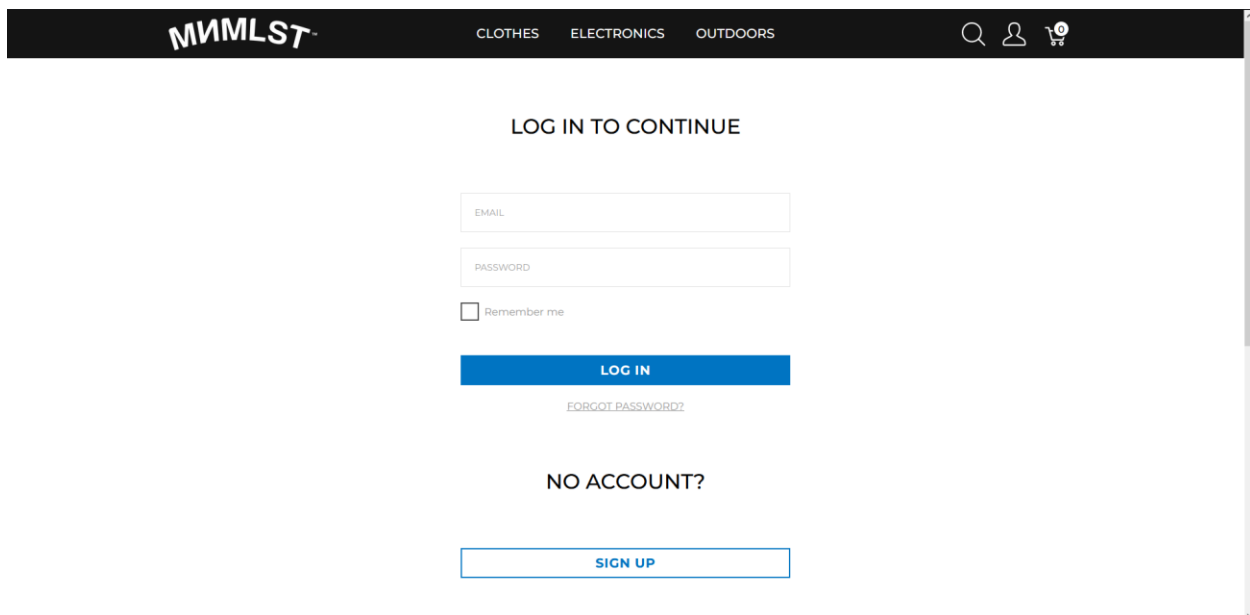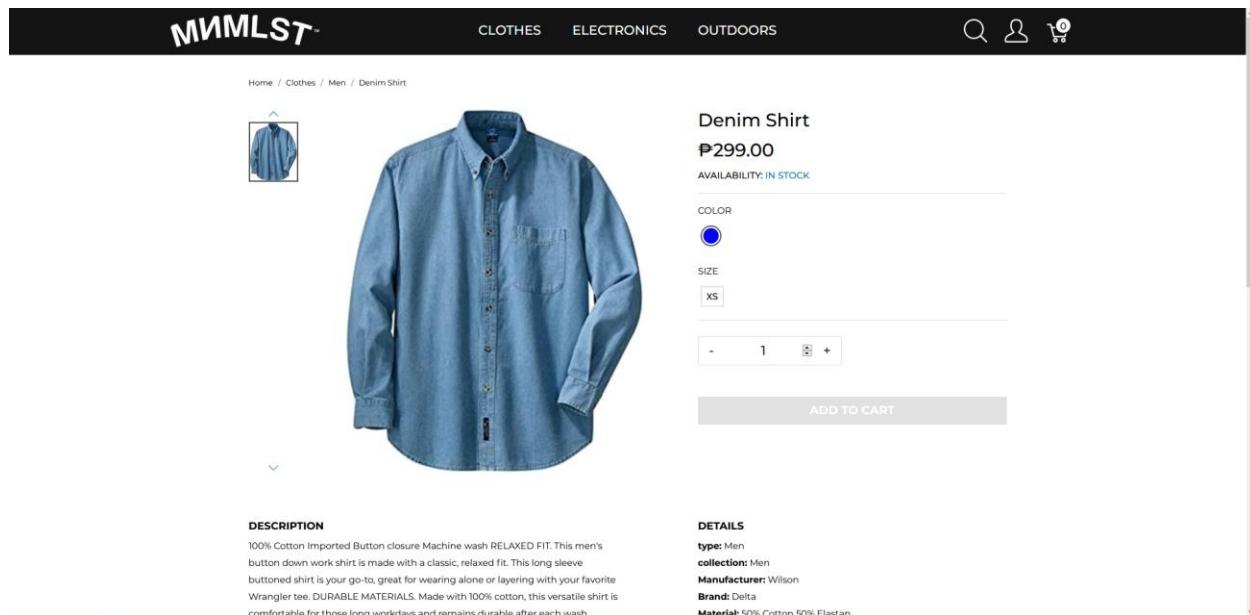
Home Page
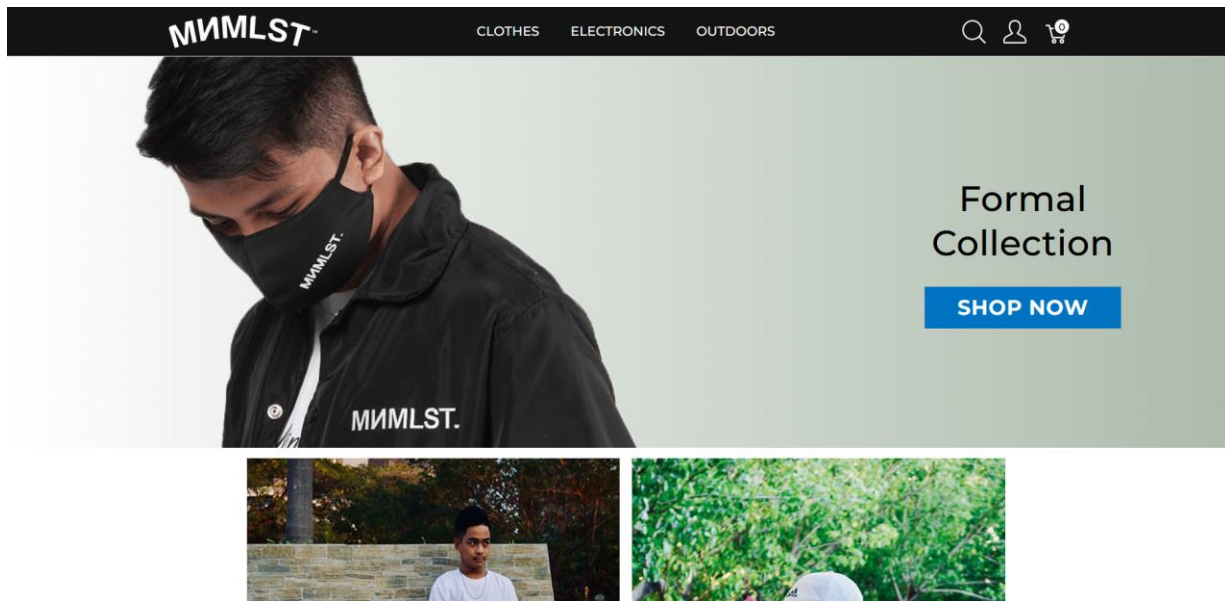
Search | Log-in / Sign-out | Cart
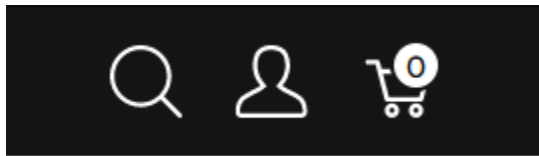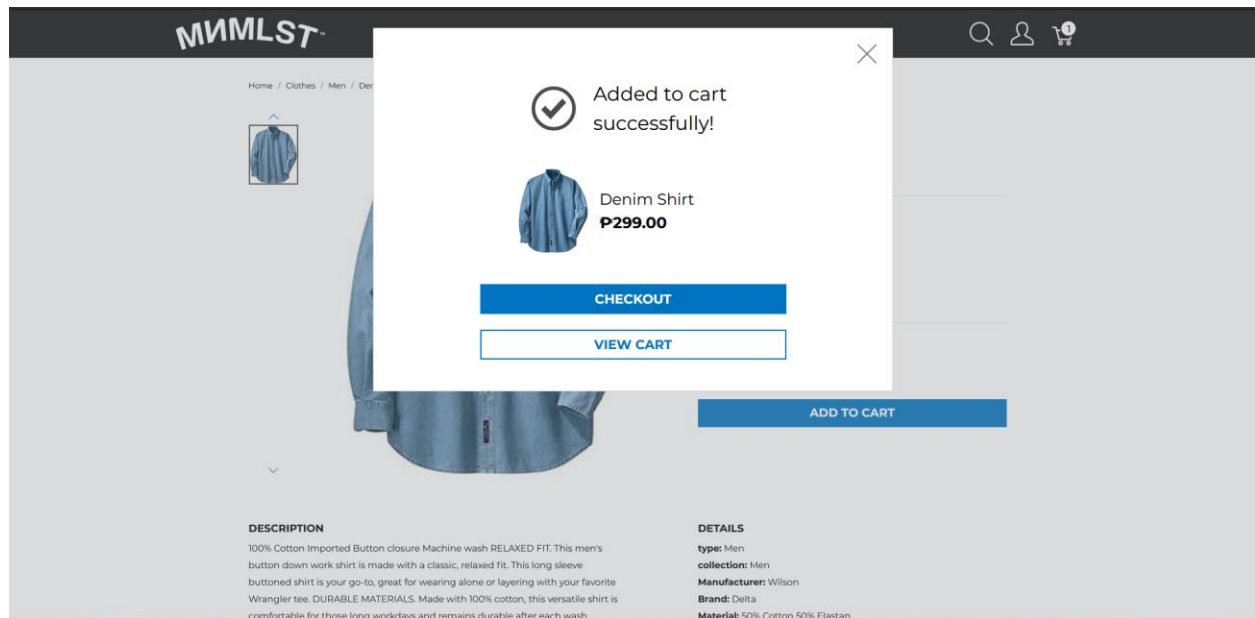

Log-in / Registration
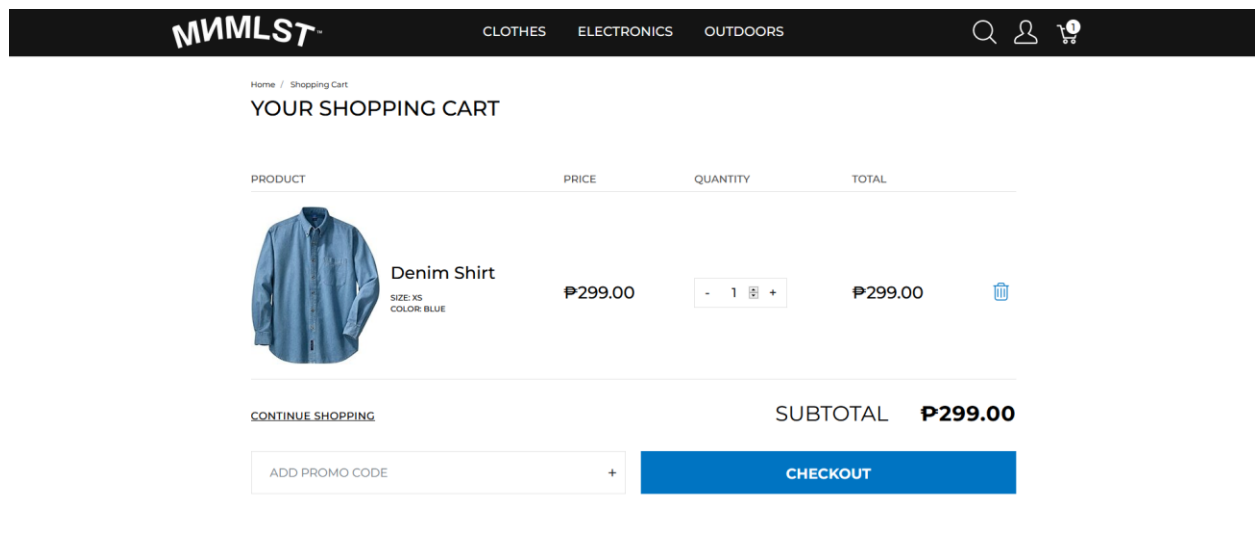
Product Listing

Product Page

Checkout Confirmation

Shopping Cart

Shipping Address

Other address

FIRST NAME *

LAST NAME *

ADDRESS *

ADDRESS (CONTD.)

CITY *

National Capital Region

ZIP CODE *

Philippines

PHONE *

*REQUIRED FIELDS

ORDER SUMMARY

SUBTOTAL: ₱299.00

TOTAL: **₱299.00**

SAVE AND CONTINUE

Auction Prototype View

МИМLST

CLOTHES   ELECTRONICS   OUTDOORS

PlayStation 5 Console

Current Bid: ₱10,000.00

TIME LEFT: 10 HOURS LEFT

DETAILS

Contents: 1x PS5 Console, 1x DS5 Controller
Condition: Slighly Used - Box intact

Total Bids (12)
Previous bid: ₱9,500.00

Buy now for: ₱30,000.00

BID NOW

BUY NOW

Description

Lightning Speed - Harness the power of a custom CPU, GPU, and SSD with
Integrated I/O that rewrite the rules of what a PlayStation console can do.
Stunning Games - Marvel at incredible graphics and experience new PS5 features.
Breathtaking Immersion - Discover a deeper gaming experience with support for
haptic feedback, adaptive triggers, and 3D Audio technology.

Barter Prototype View

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