

MobiShop

-An Online Mobile Store

Web Programming Languages (CS6314.001)

Akshaya Ramaswamy (AXR170131)

Adithya Ganapathy (AXG172330)

Sri Hari Murali (SXM179330)

Description:

Online mobile store is a web application which provides a seamless user experience for viewing the different mobile phones deals and purchasing them. The application's user interface was built using bootstrap along with Angular. The web application was built with several components used to perform different functionalities . The client makes requests to Node JS which allows retrieval of data from a MongoDB database . We have implemented the required core functionality as mentioned below :

❖ Login & Registration

The login page is used for authenticating the user. A new user is first asked to register and the values entered in the signup form are validated. The passwords are encrypted using secure hashing algorithm and salt. The database stores the encrypted password.

❖ Navigation Header

A fixed header is available in every page of the application with links to home page, Product Display page, Contact Us page, About Us page, a search field where the user can enter the name of the mobile he wishes to search, and a login page.

❖ Home Page

The home page displays the trending mobile phones and the deals on them. This allows the users to view the most featured products of our mobile store.

❖ Search Functionality

A helpful search functionality to find products based on their model provides the users a quick access to view their desired mobile phone.

❖ Product List Page

This page displays the various mobile phones sold by our store. Filters can be applied on the mobile phones based on their brand, price and color.

❖ Product Details Page

The details about the selected mobile such as, the OS version, price, screen resolution and many other specifications are displayed on this page. A button is also provided on this page to directly add the mobile to the cart.

❖ Cart

The user is allowed to add any mobile of his choice to the cart and has the ability to select the desired quantity for each individual item added to the cart. The total cost involved is displayed. He can then checkout and confirm the purchase of those phones.

❖ Admin

Admin and users both share the same interface but admins have extra privileges of performing additional functions like adding a new phone, updating or deleting an existing phone.

❖ About Us

This page provides information about the website along with its developers.

❖ Contact Us

The users can contact us with their queries or complaints using this page.

Database Design:

Tables

MOBILES

▼ ⓘ (1) ObjectId("5abc3378d606c83e38ea4aee")	{ 14 fields }	Object
□ _id	ObjectId("5abc3378d606c83e38ea4aee")	ObjectId
📄 name	Apple iPhone X	String
📄 image	Apple_iPhone_X.png	String
📄 brand	Apple	String
📄 os	iOS 11.1	String
▶ ⓘ display	{ 2 fields }	Object
📄 cpu	Apple A11 Bionic	String
📄 gpu	Apple GPU	String
▶ ⓘ memory	{ 2 fields }	Object
▶ ⓘ camera	{ 2 fields }	Object
▶ ⓘ battery	{ 2 fields }	Object
▶ ⓘ price	{ 2 fields }	Object
📄 isdeleted	false	Boolean
📄 availableQuantity	0	Int32

USERS

▼ ⓘ (1) ObjectId("5abc323d6c9608235818f5dc")	{ 9 fields }	Object
_id	ObjectId("5abc323d6c9608235818f5dc")	ObjectId
firstname	Adithya	String
lastname	Ganapathy	String
▶ address	{ 6 fields }	Object
email	adithyaganapathy16@gmail.com	String
phone	2149095967	String
password	\$2a\$10\$IfH27WBVtfwJdYGRcHNpm.ndaMJXWpmY...	String
userrole	admin	String
*_v	0	Int32

USER_ORDER_DETAILS

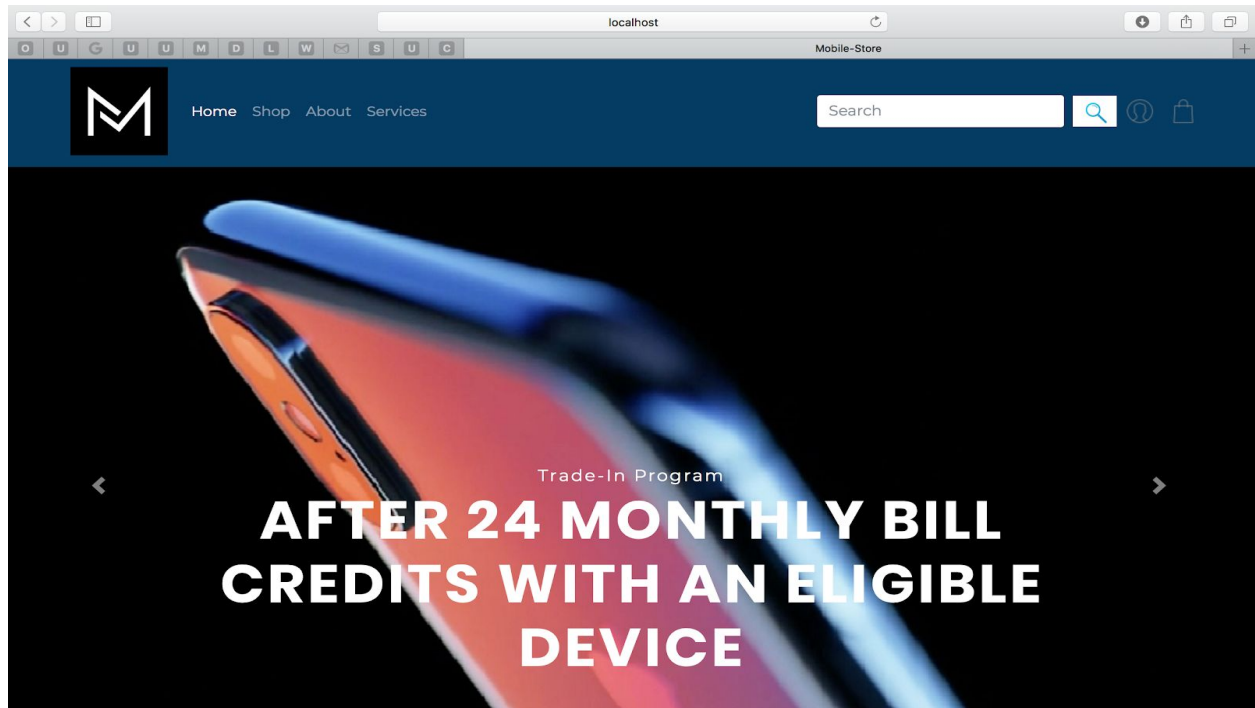
▼ ⓘ (1) ObjectId("5abc5799ae48181eb4c4f7f5")	{ 6 fields }	Object
_id	ObjectId("5abc5799ae48181eb4c4f7f5")	ObjectId
userId	5abc323d6c9608235818f5dc	String
totalPrice	1998	Int32
*_v	0	Int32
▶ product	[1 element]	Array
📅 orderdate	2018-03-29 03:03:53.889Z	Date

CART

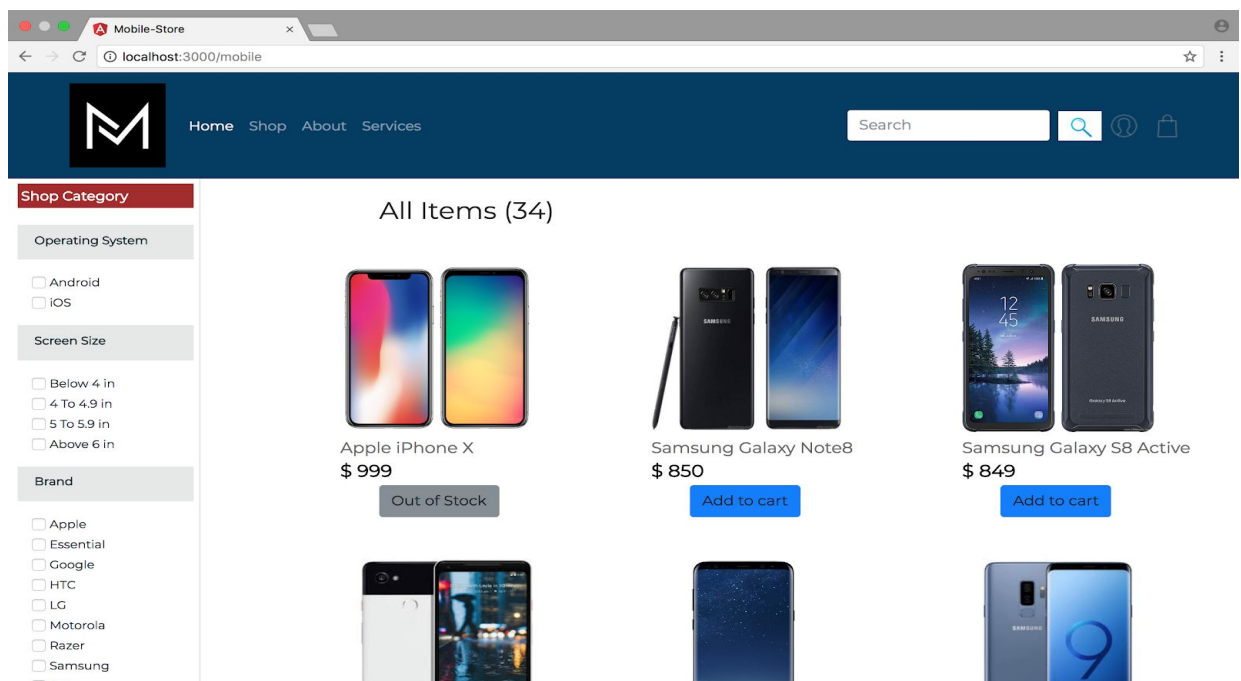
▼ ⓘ (1) ObjectId("5ae26b4ad01c983a132105c0")	{ 5 fields }	Object
_id	ObjectId("5ae26b4ad01c983a132105c0")	ObjectId
userId	5ae26b30d01c983a132105bc	String
totalPrice	2549	Int32
▶ product	[2 elements]	Array
*_v	2	Int32

Screenshots:


Home Page






Mobile List Page




Product Detail Page

[Home](#)[Shop](#)[About](#)[Services](#)



Mobile / Samsung Galaxy S8







Samsung Galaxy S8

Processor Qualcomm MSM8998 Snapdragon 835	Operating System Android 7.1
Display Resolution: 1440 X 2960 Screen Size: 5.8"	Camera Rear Camera: 12 MP , f/1.7 Front Camera: 8 MP , f/1.7
Memory 4 GB	Battery 2000 mAh
Graphics Adreno 540	Price 700 USD

Add to Cart

Login

[Home](#)[Shop](#)[About](#)[Services](#)



Welcome

Sign in to continue...

Log In

[Don't have an account? Create One](#)

GET IN TOUCH

Any questions? Let us know in store at 800 W Campbell Road, Richardson, Texas - 78080 or call us on (+1) 214-909-5967

SUPPORT

[Support Home](#)
[Device Support](#)
[Plan and Services](#)

LINKS

[Search](#)
[About Us](#)
[Contact Us](#)

NEWSLETTER

SUBSCRIBE

Register

Mobile-Store

Home Shop About Services

Search

Sign Up

First Name

Last Name

Email Address

Address Line 1

Address Line 2

City

State

Zip

Phone

Password

Confirm Password

Password must contain 6 or more characters,at least one number, one uppercase and lowercase letter

Register

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

Cart

Mobile-Store



Home Shop About Services

Search

Hi, akshaya fdbfb

Your Cart

Continue Shopping

Mobile	Unit Price	Quantity	Total Price
 <div>Samsung Galaxy Note8 By Samsung</div>	\$850	1	\$850 ✕
 <div>Moto Z2 Force By Motorola</div>	\$720	1	\$720 ✕

Product Total: \$1570

Clear Cart

Checkout


Order Confirmation Page

Mobile-Store

localhost:3000/cart/checkout

☆


⋮



HomeShopAboutServices

Search

Hi, akshaya fdbfb






Congratulations!!! Your Order has been placed.
You will receive a confirmation email, once the order is approved

Continue Shopping

GET IN TOUCH

Any questions? Let us know in store at 800 W Campbell Road, Richardson, Texas - 75080 or call us on (+1) 214-909-5967



SUPPORT

Support Home
Device Support
Plan and Services
Student/Teacher Discount

LINKS

Search
About Us
Contact Us
Returns

NEWSLETTER

SUBSCRIBE


Order History

Mobile-Store

localhost:3000/user/orders

☆


⋮



HomeShopAboutServices

Search

Hi, akshaya fdbfb




Order History

Order Placed: Apr 26, 2018

Total Price: \$1570

Order # 5ae26291d01c983a132105ac




Samsung Galaxy Note8
By Samsung

Price: \$850

Quantity: 1

Net Price: \$850



Moto Z2 Force
By Motorola

Price: \$720

Quantity: 1

Net Price: \$720

GET IN TOUCH

SUPPORT

LINKS

NEWSLETTER

About Us

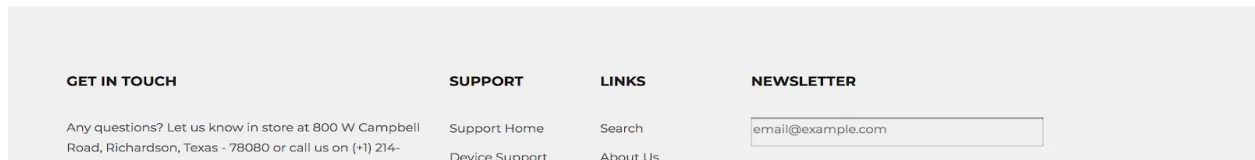


CS6314 - Web Programming Languages

Final Project - Online Mobile Store

Team Members

Adithya Ganapathy
Sri Hari Murali
Akshaya Ramaswamy



Contact us



Tech help and Service Requests. Send us your message. We will contact you within 24 hours.

Full Name

Phone Number

Email Address

Message

SEND

Languages / Frameworks used:

Client Side : HTML5, CSS, AngularJS

Server Side : NodeJS, MongoDB

Work Division:

Development was equally shared amongst us for client and server side scripting. To be specific,

AXR170131 - Home page, Sign-in and Sign-up modals, About Us, Services.

AXG172330 - Product list page, Product detail page, Filter options, Cart, Pagination.

SXM179330- Cart, Admin functionalities.