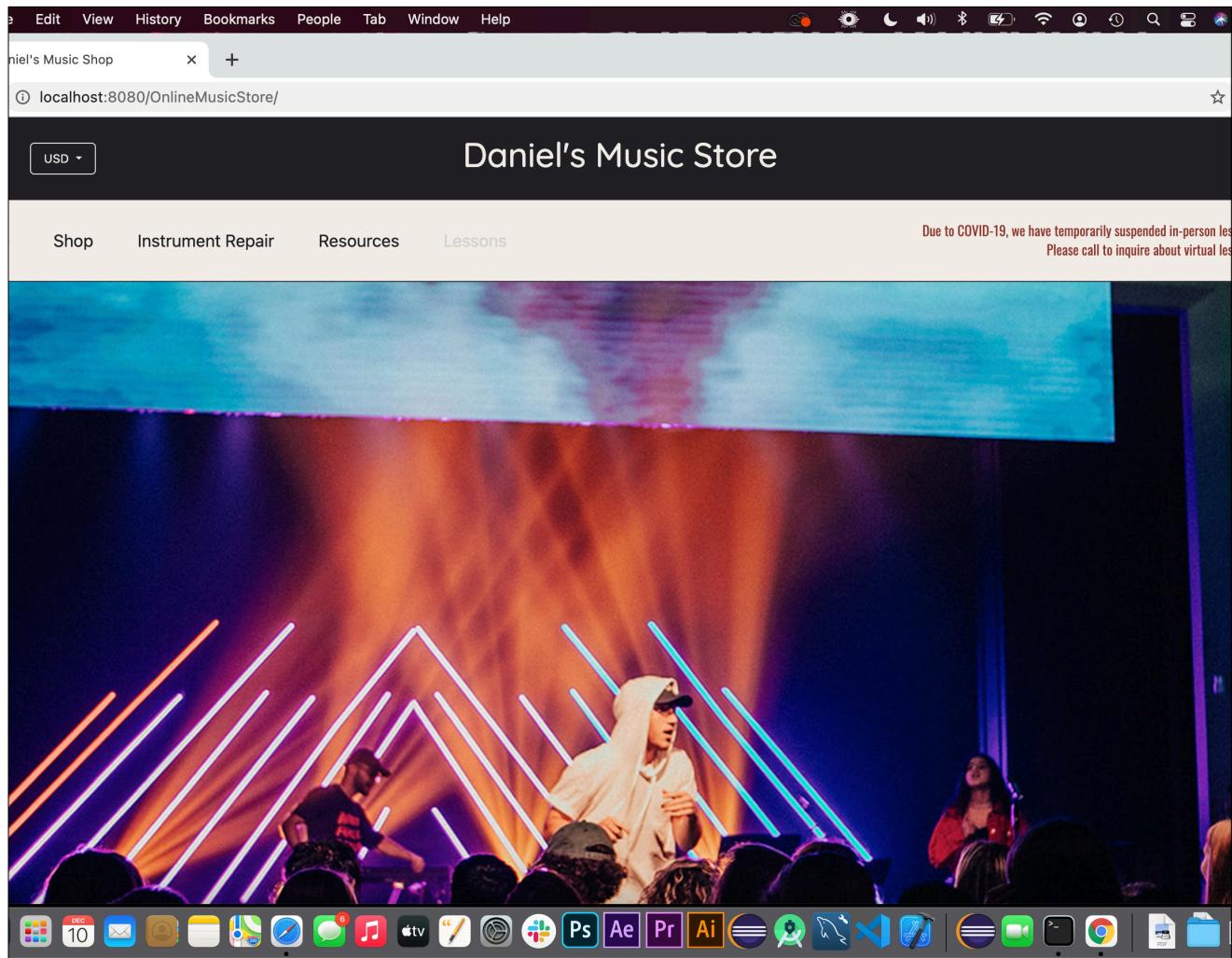

DANIEL'S MUSIC STORE



Daniel's Music Store

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December 10, 2020

EXECUTIVE SUMMARY

Objective

The website will be a place where a customer interacts with your company to request and/or purchase service(s) and/or product(s). The website will return to the customer an invoice and/or request update. You will further code server side applications in PHP and client side in Javascript. The intent is for you to use open source web technologies and showcase your scripting skills in one project.

Major areas of concentration for the project:

- Linux architecture
- Apache Tomcat
- Web server architecture
- PHP
- Javascript
- MySQL
- Usability of web applications
- Testing and metrics for measuring
- Developing e-commerce sites

Product

- The website features products with images and prices, as well as ratings from other customers.
- The website features sliders powered by JavaScript, courtesy of Slick (<https://kenwheeler.github.io/slick/>)
- The website features fonts from Font Awesome (<https://fontawesome.com/>)
- The website features Navigation Bars from Bootstrap (<https://getbootstrap.com/>)
- The website features a cart that initializes with one of all the products in the cart, able to remove items from the cart, and add to the quantity of the cart. The total updates as the quantity changes and products are removed.

DANIEL'S MUSIC STORE

THE PROJECT

The screenshot shows the Apache Tomcat Web Application Manager interface running in a Safari browser on a Mac OS X desktop. The title bar reads "Tomcat Web Application Manager". The main content area is divided into sections:

- Manager**: A navigation bar with tabs for "List Applications", "HTML Manager Help", "Manager Help", and "Server Status".
- Applications**: A table listing deployed applications with columns for Path, Version, Display Name, Running, Sessions, and Commands.
- Deploy**: A section for deploying new WAR files with fields for Context Path, Version (for parallel deployment), and XML Configuration file path.

The table data is as follows:

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/OnlineMusicStore	None specified		true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/docs	None specified	Tomcat Documentation	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/examples	None specified	Servlet and JSP Examples	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/host-manager	None specified	Tomcat Host Manager Application	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/manager	None specified	Tomcat Manager Application	true	1	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes

First, the Apache Tomcat server deploys perfectly fine. The application is stored in a .war file, the file is then deployed using the Manager App on localhost, and the link then is used to go to the website.

The screenshot shows the "Daniel's Music Store" website running in a Chrome browser on a Mac OS X desktop. The title bar reads "Daniel's Music Store". The main content area features a large banner image of a person performing on stage with colorful lights. The navigation menu at the top includes "Menu", "Home", "Shop", "Instrument Repair", "Resources", and "Lessons". A message in the top right corner states: "Due to COVID-19, we have temporarily suspended in-person lessons. Please call to inquire about virtual lessons". The bottom of the screen shows the Mac OS X dock with various application icons.

Once deployed, the website is organized, concise, and appealing

The screenshot shows the homepage of the Online Music Store. At the top, there's a navigation bar with links for Home, About, Products, Services, Contact, and Log In. Below the navigation is a search bar with placeholder text "Search our store". The main content area features a "Featured Products" section with four items: CP CP221 Bongos, Eastman Guitar, Laurel Canyon Acoustic, and Nord Piano 2. Each item has a small image, the product name, and a "View Details" button. Below this is a "Staff Favorites" section with three items: Yamaha Stage Piano, Sennheiser EW 300, and Shure SM58. A "See all staff favorites" link is also present. The footer contains links for Home, About, Products, Services, Contact, and Log In, along with social media icons for Facebook, Twitter, and YouTube.

The screenshot shows a product page from the Online Music Store. At the top, there's a navigation bar with links for Home, About, Products, Services, Contact, and Log In. Below the navigation is a search bar with placeholder text "Search our store". The main content area features a "Featured Products" section with four items: Alvarez CC7HCEAR, Behringer X32, Gibson Electric Guitar, and Les Paul Guitar. Each item has a small image, the product name, a star rating, the original price (\$2,750.99), the discounted price (\$2,250.99), and an "Add to Cart" button. Below this is a "Staff Favorites" section with three items: Yamaha Stage Piano, Sennheiser EW 300, and Shure SM58. A "See all staff favorites" link is also present. The footer contains links for Home, About, Products, Services, Contact, and Log In, along with social media icons for Facebook, Twitter, and YouTube.

Chrome File Edit View History Bookmarks People Tab Window Help

Daniel's Music Shop

localhost:8080/OnlineMusicStore/

125 Days

16 Hours

46 Minutes

03 Seconds

Scarlett Solo Studio



Focusrite Scarlett Solo Studio

Focusrite Scarlett Solo Studio (2nd Gen) USB Sound card usb audio interface +CM25 condenser microphone + HP60 headset. Second generation 2 in / 2 out USB 2.0 audio interface with one Scarlett mic preamp and one instrument input, 24bit/192kHz & USB bus Powered. Pro Tools | First & Ableton Live Lite recording software, plug-ins and samples, Condenser Mic, Headphones and 3m/10' Microphone cable included. Mac & PC compatible.

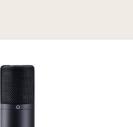
Description from [aliexpress.com](#)

★★★★★

\$319.99 \$289.00

Add to Cart

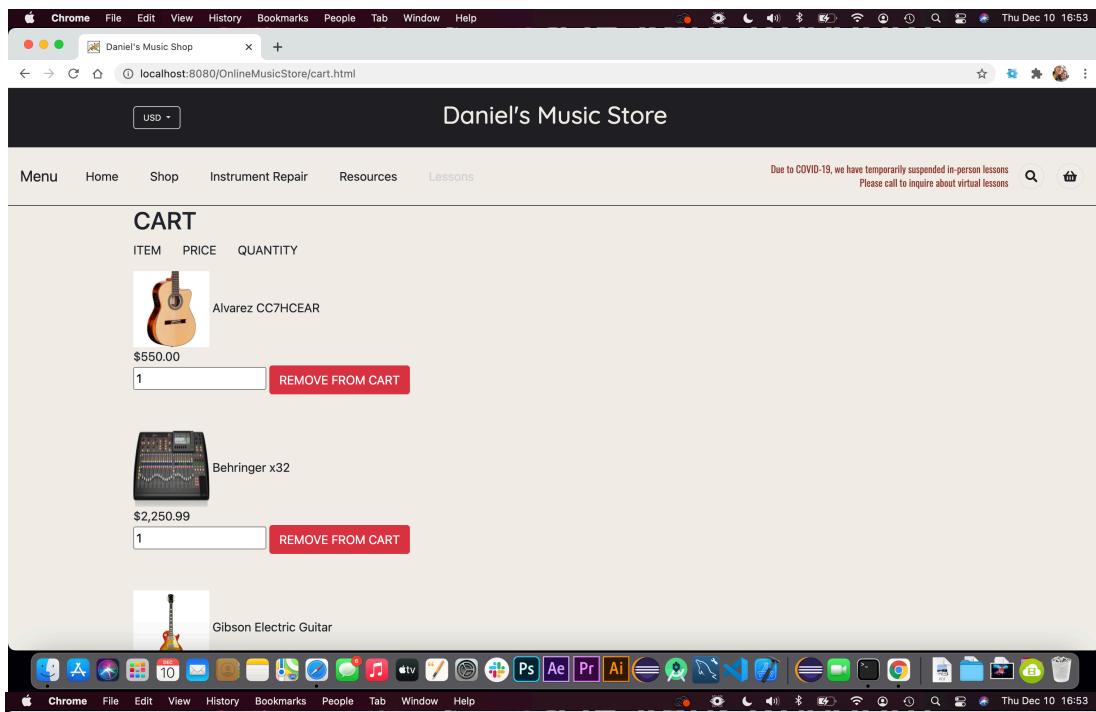
  



Thu Dec 10 16:53

A screenshot of a web browser displaying the 'Daniel's Music Shop' website. The page features a header with navigation links like Chrome, File, Edit, View, History, Bookmarks, People, Tab, Window, Help, and a search bar. Below the header are three large product images: a black condenser microphone on the left, a pair of black over-ear headphones in the center, and a red and black audio interface on the right. Below these images is a dark banner containing three service promises: 'Free Shipping & Return' with a rocket icon, 'Money Back Guarantee' with a hand and dollar sign icon, and 'Online Support' with a headphones icon. Each promise includes a brief explanatory text.

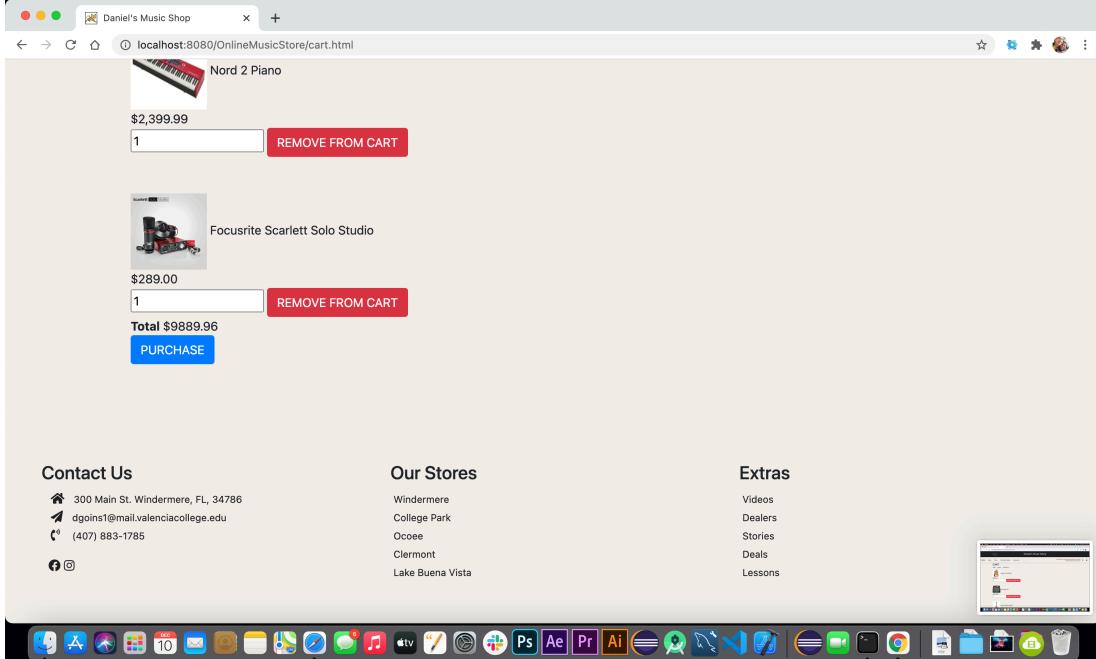
When the shopping cart icon is clicked, the user is taken to a shopping cart page where they can see a list of items in their cart, as well as an updatable cart total.



The screenshot shows a shopping cart page for "Daniel's Music Store". The cart contains two items:

ITEM	PRICE	QUANTITY
Alvarez CC7HCEAR	\$550.00	1
Behringer x32	\$2,250.99	1

Each item has a "REMOVE FROM CART" button. The total cart value is \$2,800.99.



The screenshot shows a shopping cart page for "Daniel's Music Store". The cart contains three items:

ITEM	PRICE	QUANTITY
Nord 2 Piano	\$2,399.99	1
Focusrite Scarlett Solo Studio	\$289.00	1
Gibson Electric Guitar	\$550.00	1

Each item has a "REMOVE FROM CART" button. The total cart value is \$3,238.99. There is also a "PURCHASE" button at the bottom.

Contact Us

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(407) 883-1785
[Facebook](#) [Instagram](#)

Our Stores

Windermere
College Park
Ocoee
Clermont
Lake Buena Vista

Extras

Videos
Dealers
Stories
Deals
Lessons



The idea was to use PHP to integrate with the database on the MAMP server, but my knowledge of PHP, MySQL, HTML, and JavaScript left much to be desired. However, the database was created, with tables for users, admins, and of course products.

The screenshot shows a Mac desktop with two windows open. The top window is a browser displaying the phpMyAdmin interface for the 'music_store' database on the 'products' table. The bottom window is the MAMP control panel. Both windows are running on the localhost:8888 port.

phpMyAdmin - Database: music_store - Table: products

MAMP Control Panel

Console

phpMyAdmin - Database: music_store - Table: products

Query results operations:

```
SELECT * FROM products
```

	id	name	price	num_sold	num_stocked
<input type="checkbox"/>	1	Focusrite Scarlett Solo Studio	289	0	20
<input type="checkbox"/>	2	Alvarez CC7HCEAR	550	0	20
<input type="checkbox"/>	3	Behringer X32	2251	0	20
<input type="checkbox"/>	4	Gibson Electric Guitar	2151	0	20
<input type="checkbox"/>	5	Les Paul Guitar	2099	0	20
<input type="checkbox"/>	6	Zildjian Cymbals	150	0	20
<input type="checkbox"/>	7	Nord 2 Piano	2400	0	20

Resources used:

Udemy Course: <https://www.udemy.com/share/101HwuAEQZcV1WRnw=/>

YouTube Videos:

Simple PHP MySQL Shopping Cart

Image	Name	Price	Action
	Samsung J2 Pro	\$ 100.00	Add to Cart
	HP Notebook	\$ 299.00	Add to Cart
	Panasonic T44 Lite	\$ 125.00	Add to Cart

Order Details

Item Name	Quantity	Price	Total	Action
Panasonic T44 Lite	1	\$ 125.00	\$ 125.00	Remove
Samsung J2 Pro	3	\$ 100.00	\$ 300.00	Remove
HP Notebook	2	\$ 299.00	\$ 598.00	Remove
			Total \$ 1,023.00	

Online Food Ordering System

Administrator

Menu Item

Img	Name	Description	Price	Action
	Diet Coke	With Sugar	\$20.00	Delete
	Lemon Iced Tea	With Lemon	\$15.00	Delete
	Oriental Salad	With Dressing	\$15.00	Delete
	Shake	With Milk	\$20.00	Delete
	Chicken	With Spices	\$25.00	Delete

Available Category

Best Seller

Price

Image

Choose File

Step by step Create an eCommerce website using PHP - 1

Features:

1. Admin Login
2. Categories Add/Update/Delete/ Active/Deactive
3. Product Add/Update/Delete/ Active/Deactive
4. Register User Listing
5. Contact Us Form Leads Listing

Complete Admin Panel Creation

By Vishal Gupta

STEP BY STEP CREATE AN ONLINE FOOD ORDERING WEBSITE USING PHP - PART 2

- Topics
1. Admin Theme Setup
 2. Login Panel
 3. Category Management

STEP BY STEP CREATE AN ONLINE FOOD ORDERING WEBSITE USING PHP - PART 1

- Topics
1. About Series
 2. Features
 3. Database Design

Part 10

barterful

PHP & MYSQL DATABASE PROJECT

FRAMEWORK TELEVISION



```

if(request.getParameter("id") != null)
    id = request.getParameter("id");
String lastName = new String();
if(request.getParameter("lastName") != null)
    lastName = request.getParameter("lastName");
if(request.getParameter("name") != null)
    name = request.getParameter("name");
if(request.getParameter("email") != null)
    email = request.getParameter("email");
if(request.getParameter("password") != null)
    password = request.getParameter("password");
if(request.getParameter("confirmPassword") != null)
    confirmPassword = request.getParameter("confirmPassword");
if(confirmPassword.equals(password))
    result = userController.insertUser(lastName, name, email, password);
else
    result = "Incorrect Password";
    
```

JAVASCRIPT TUTORIAL

Shopping Cart

CART

ITEM	PRICE	QUANTITY
	\$19.99	3
	\$19.99	1

Total \$59.98

5

php

E

DATABASE OPERATIONS
(INSERT UPDATE DELETE SELECT)
IN PHP MySQL - (PART-1)

MySQL

X SIMPLE SNIPPETS

Installing MAMP/XAMPP

(Links to an external site.)

Java webapp

(Links to an external site.)

CRUD using PHP

(Links to an external site.)

Create database using phpMyAdmin

(Links to an external site.)
