junkReSell

Final Report
Created by SnowTech

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Table of Contents

Team Contributions

Created and edited mainly by Manuel Colon:
- Files in the account folder:
    - addProduct.php
    - addProductConfirm.php
    - checklogin.php
    - deleteProduct.php
    - editProduct.php
    - editProductConfirm.php
    - index.php
    - login.php
    - logout.php
    - register.php
    - viewOrderItems.php
    - viewOrders.php
    - viewProducts.php
- Files in the cart folder:
    - adminError.php
    - cart.php
    - cartAction.php
    - checkout.php
    - orderSuccess.php
    - paymentInfo.php
    - paymentProcessing.php
    - viewCart.php
- Files in the util folder:
    - dbConfig.php
    - main.php
    - userSession.php
- File in the header folder:
    - header.php

Created and edited mainly by Giuliana Rojas:
- Files in the admin folder:
    - addcategory.php
    - addcategoryconfirm.php
    - addproduct.php
    - addproductconfirm.php
    - adminlogin.php
    - checkadminlogin.php
    - createadmin.php
    - createconfirm.php
    - deleteadmin.php
    - deletecategory.php
    - deleteproduct.php
    - deleteuser.php
    - editcategory.php
    - editcategoryconfirm.php
    - editproduct.php
    - editproductconfirm.php
    - index.php
    - viewadmins.php
    - viewcategories.php
    - viewproducts.php
    - viewusers.php
- Files in the category folder:
    - categories.php
    - categoryfunctions.php
    - categorypage.php
    - productpage.php

The assets folder contains bootstrap and css files used to create junkReSell. The files were not edited. The images folder contains the png files for the pictures used on junkReSell. These files were uploaded by both team members.

The junkReSell_db.sql file and index.php files were created and edited by both team members evenly.
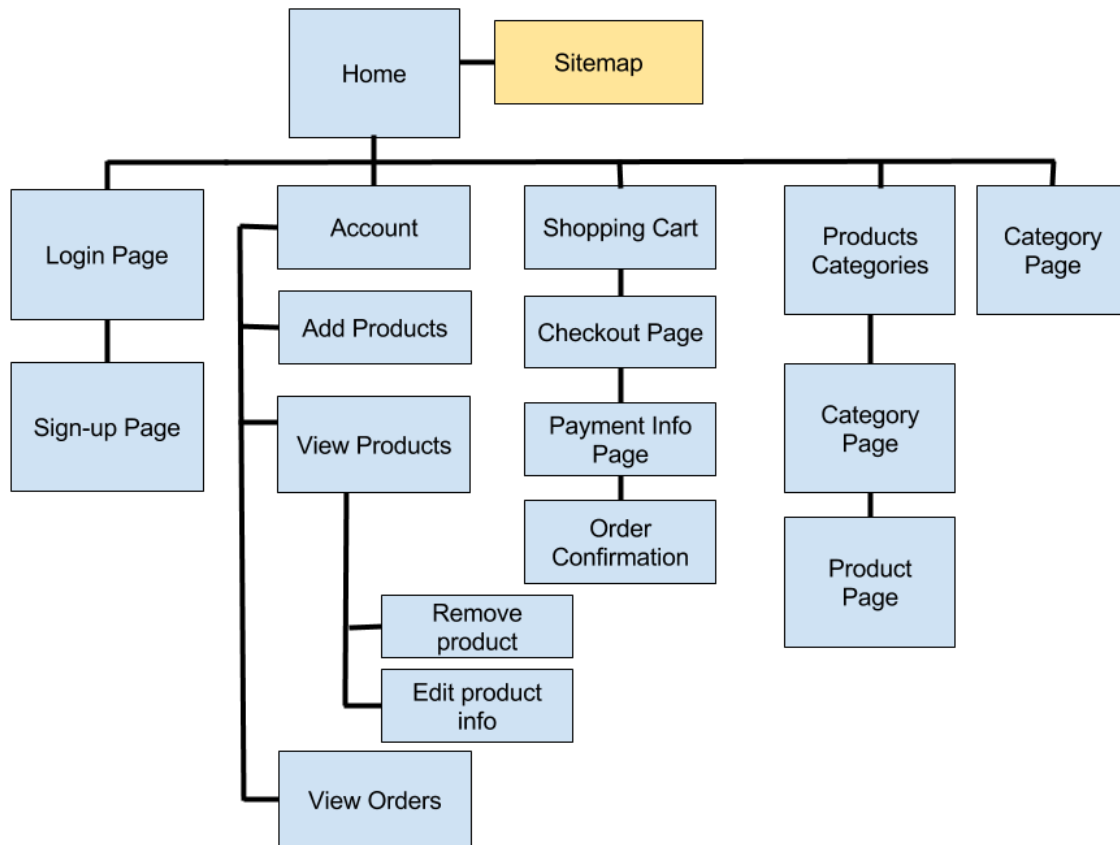
Summary

The purpose of this project is to develop an online e-store which allows customers to do online shopping. Our website junkReSell is an E-commerce web application which allows customers to buy or resell new or used items. We used a three-tier approach to develop the application. The front-end user interface incorporates HTML, Javascript, CSS, and Bootstrap. For the middle tier, the website uses PHP. The back-end data processes are handled by MySQL database as the server. Apache was used as the web server. The website can be deployed to XAMPP 1.8.3.

Set-up:

1. Download XAMPP.
2. Go under modules or servers tabs:
    a. Start under apache server.
    b. Start under MySql server.
3. Set up your database.
4. Open your browser of choice and go to the following link http://localhost/phpmyadmin/ to import your Database.
5. Click import.
6. Click "choose file" and select junkReSell_db.sql and then "Go".
7. After that go to the following link on your browser http://localhost/junkReSell/

Website Architecture

Home — Sitemap

Login Page — Sign-up Page

Account — Add Products — View Products — Remove product — Edit product info — View Orders

Shopping Cart — Checkout Page — Payment Info Page — Order Confirmation

Products Categories — Category Page — Product Page

Category Page

Features

Customer View:

The customer is able to see all the products sold on the website listed in different categories. When the user clicks on a product, they will be able to see the product page which lists the name, price, and description. The customer can also add the product to their cart if they are logged into their account. They can also specify the item quantity for each product. After the customer is finished adding to their cart, they can proceed to checkout. In their account, the customer can see orders that they placed and the items they have ordered.

If a customer does not have an account, they will need to register on the website. The registration requires information about the customer, such as their name and address. The customer will then use their email and newly created password to login.

Admin View:

The admin of the website cannot make a purchase while they are logged in as an admin, but they have multiple other functionalities. An admin can add a product and a category to the website with a picture of their choice. They can also view a list of all registered users and other junkReSell admins. Admins have the ability to delete both users and admins from the website. They can also see a list of products offered on the website and have the ability to edit and delete products. Admins can also view the list of categories in the website and edit or delete them.

Database Schema
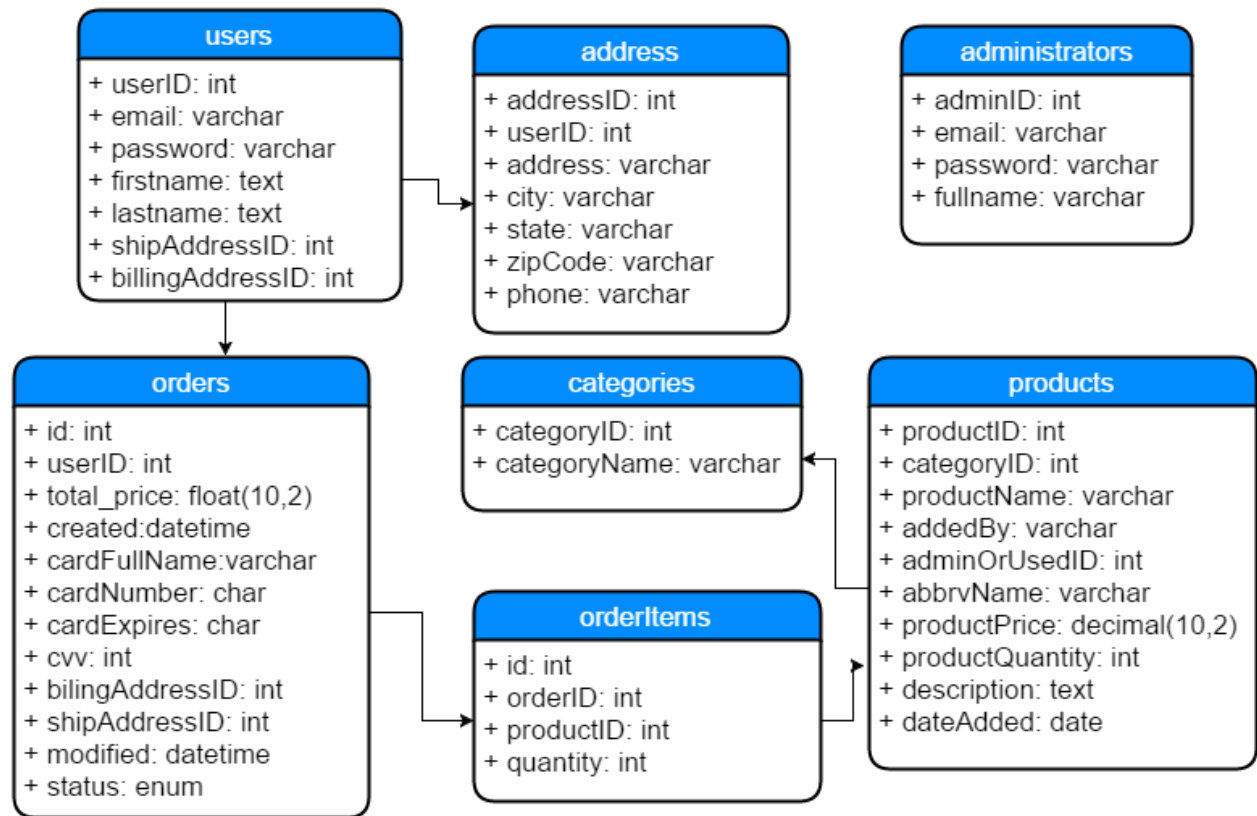
There are 7 tables in the database schema.

Database description:

Users:
The users table takes in an user's email account address which is used as username throughout the web application. It also takes in the user's first and last name. In addition, when the user registers his/her addresses information are saved in the address table and only the shipping address ID and billing address ID are save in the users table. The billing address will be different from shipping address if user selected so when registering.

Address:
The address table is first updated when an user registers for a new account. The address table takes in the address information from the register form. So it basically takes in address, city, state, zip code and phone number.

Orders:
The orders table holds the order userID number for a specific order, the total price for the order, timestamp, credit card information, and billing and shipping addresses IDs. Users and access this information by going to their account page and going to view Orders.

Order Items:
This table holds the orders items information. In other words, when an order is placed the product/s information will be saved in this table. Furthermore, it holds the order a id for the product/items as well as quantity of items order for that specific product. Users and access this information by going to their account page and going to view Orders and then view order Items.

Categories:
The category table holds the categoryID with its corresponding category name. It is used when an admin wants to add, edit, or delete a category. These attributes are also used to display the categories on the website.

Products:
The product table holds all the information regarding a product's details. Each product has a unique ID and a category ID according to the category it belongs to. It also has the product name, price, description, the name of the image file, the quantity of products

available in stock. It also has the date the product was added and whether it was added by an admin or user. Product information like name, price, and description are reflected on the website while other fields are only available to view by the admin.

Administrators:

The administrators table has the information about each admin, who are assigned unique IDs. It has the full name, email, and password information of the admin. This information is used to login to the admin portion of the website.