

3s.co - Online Fashion Store

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Introduction

3s.co is an online fashion store developed as a part of Web Programming and Data Management course. The project has the basic functionalities of an online store like adding and retrieval of different products and categories, it also has functionality that allows users and administrators to view and edit cart and orders.

To Access the project:

link: <http://80.223.187.55/logtest>

Admin username: admin

Admin password: adminpass

Objectives

The objective of the project is to develop an online shopping website by using HTML, CSS, JAVASCRIPT, PHP and MYSQL. The shop requires distinct customer and admin sides. The requirements of both admin and client sides are given below:

Admin Side:

Admin has the privilege to add and remove other admins, products and product categories. Admin can also view all the orders placed by different users and respond to them.

Client Side:

A customer visiting the site can view and order the products offered. The customer can view products based on different categories and can view his/her cart and past orders.

Implementation

DATA Structure:

Technology used: MySql

Table Structure:

1. Users

Stores user details and login data.

Fields:

username, password, firstname, lastname, email, address, phone

Note: It contains an additional field access whose values are set to 0 and 1 depending on whether the user is an admin or a customer.

2. Product

Stores the details about the products and is used to fetch the products in the client side.

Fields: product_id, category_id, product_name, product_description, price

3. Category

Stores and serves data on different categories of products

Fields: category_id, category_name, category_details

4. Cart

Stores the unconfirmed orders of the users.

Fields: item_id, product_id, user_id, quantity

5. Order_details

Fields: order_id, product_id, user_id, quantity, order_price

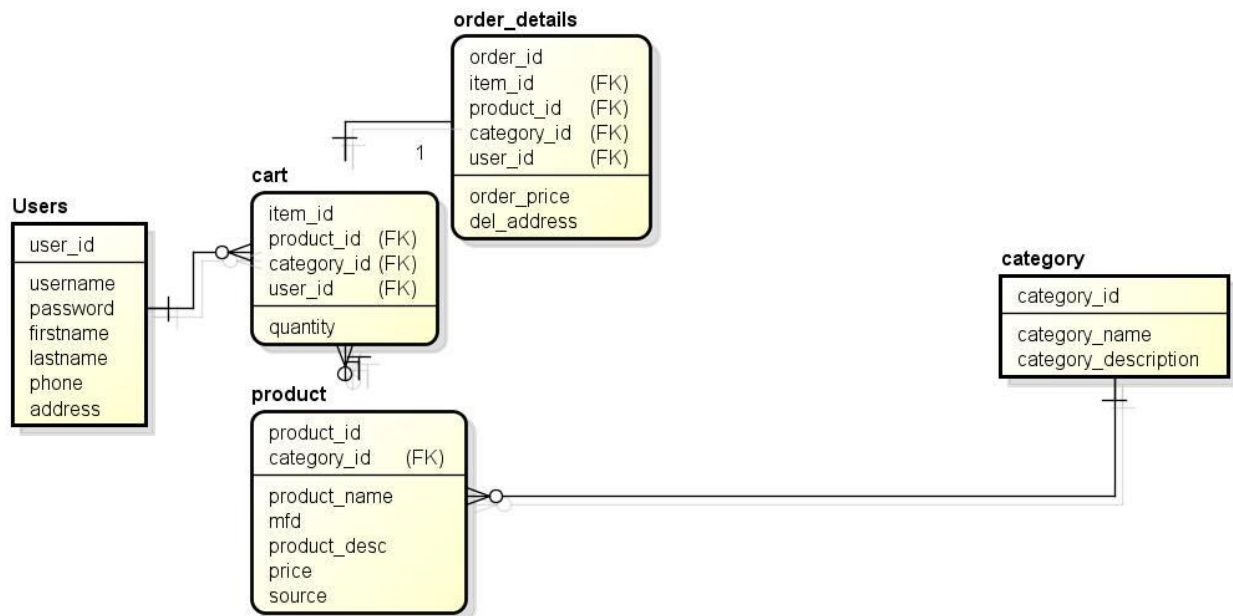


Figure 1 Data Relations

Client Side

Technologies Used: Php, MySql, HTML, CSS and Bootstrap, JavaScript

Functions:

The client side contains all the functionalities required for buying the items of the shop. IT has a simple and beautiful user interface which displays the navigation bar and the products. Each user can add the products to the cart from the same page by providing the quantity they want to order. The delivery address and the phone number are fetched from the user data provided.

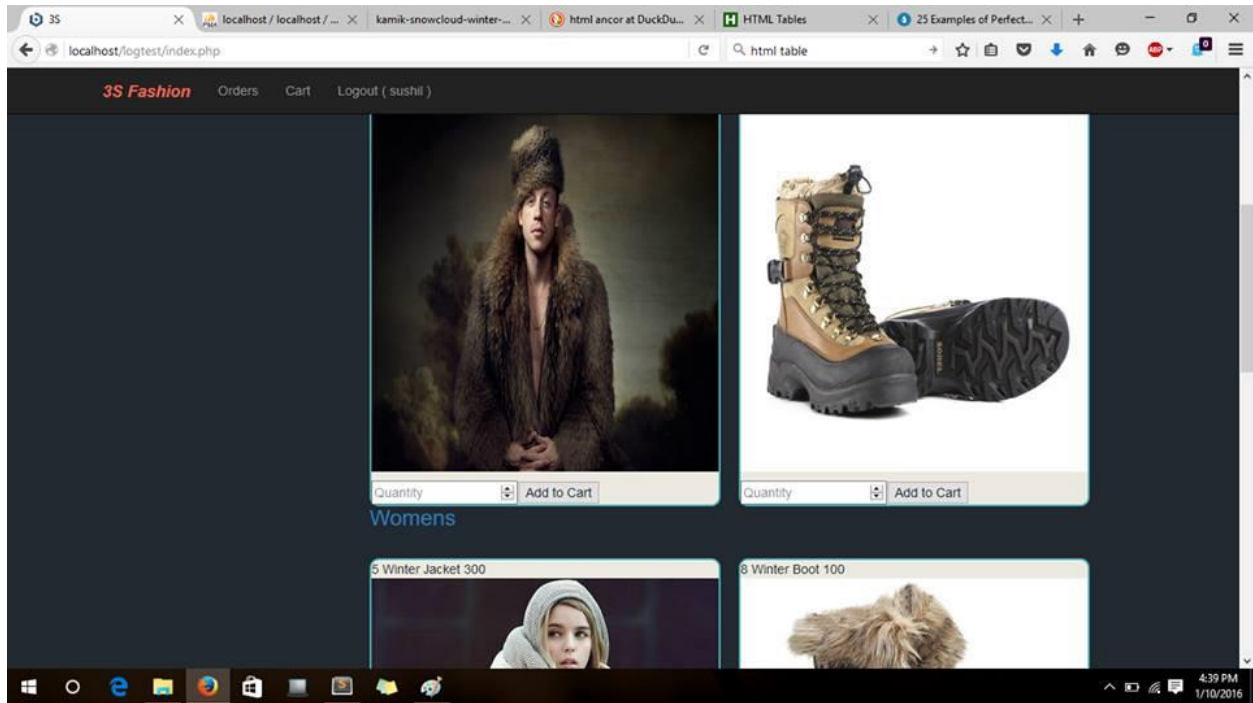


Figure 2. Main Page

The main page has three navigation options:

1. Orders

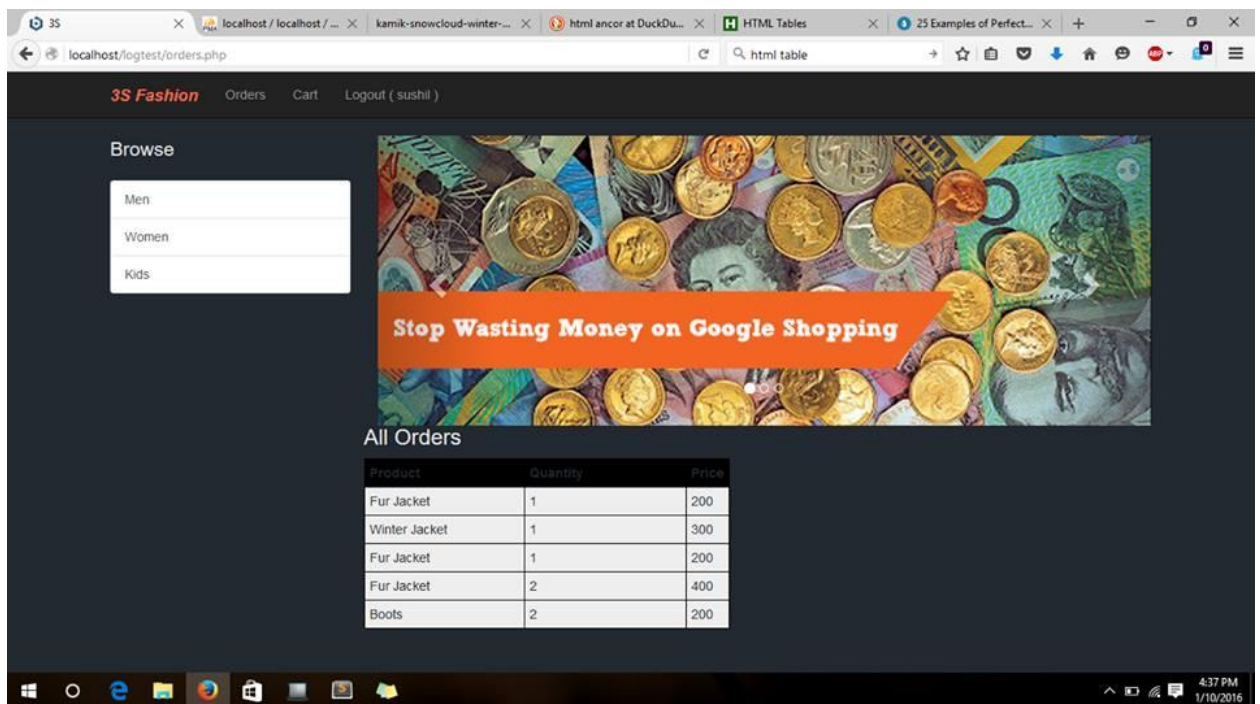


Figure 3 Orders Page

The Orders page shows all the confirmed orders made by the user along with the quantity they ordered and the price they paid.

2. Cart

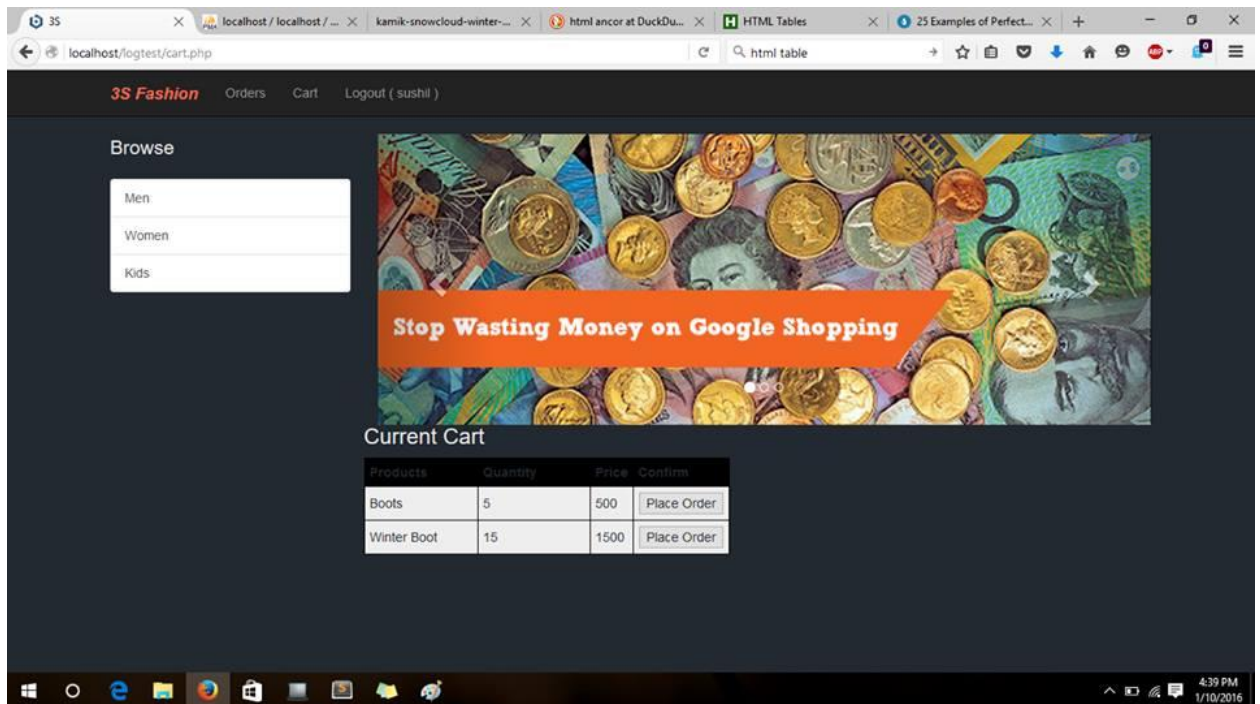
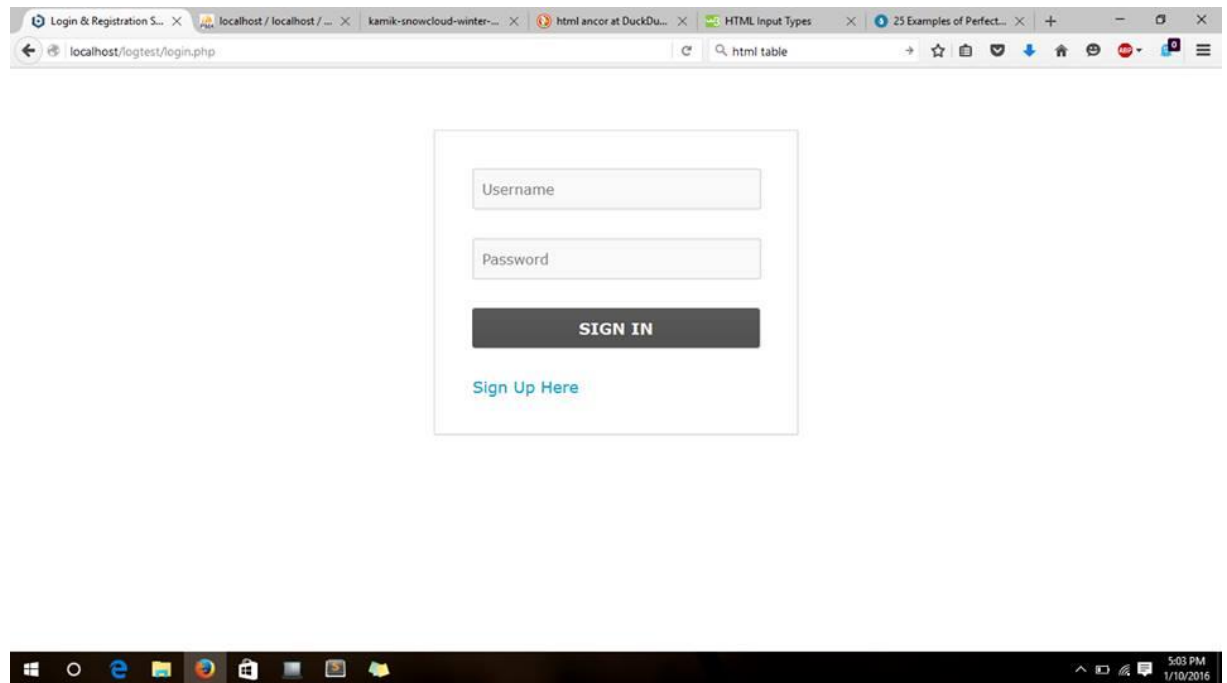


Figure 4. Carts Page

The cart page shows all the unconfirmed products that the user has added to the cart. The orders can be confirmed by using the place order button shown along with all the products in the cart.

3. Login/Logout

The login/logout button can be used either to log in or to logout from the site. The login/logout text is generated based on if the session is active (i.e. user logged in or not). The snippet of the page is as follows:



Username

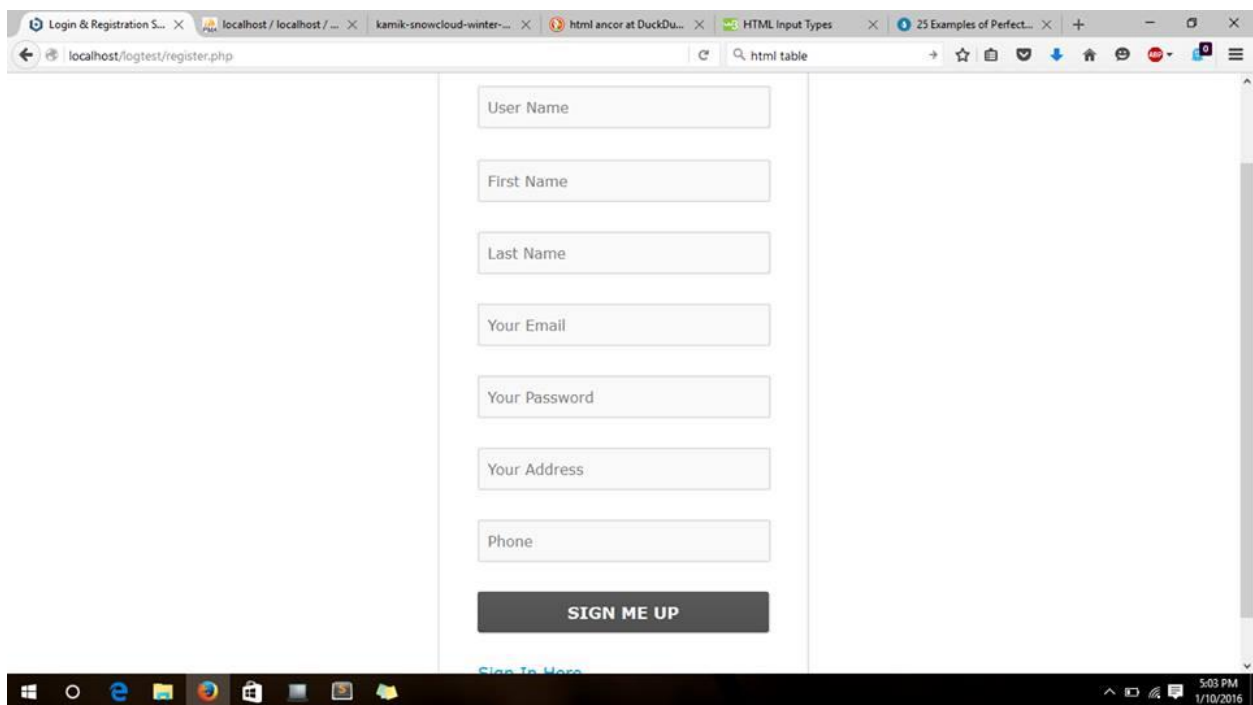
Password

SIGN IN

[Sign Up Here](#)

Figure 5. Login Page

If the user is not logged in and does not have a login credential the user can register by using the sign up here link, which redirects to the following page:



User Name

First Name

Last Name

Your Email

Your Password

Your Address

Phone

SIGN ME UP

[Sign Up Here](#)

Admin Side:

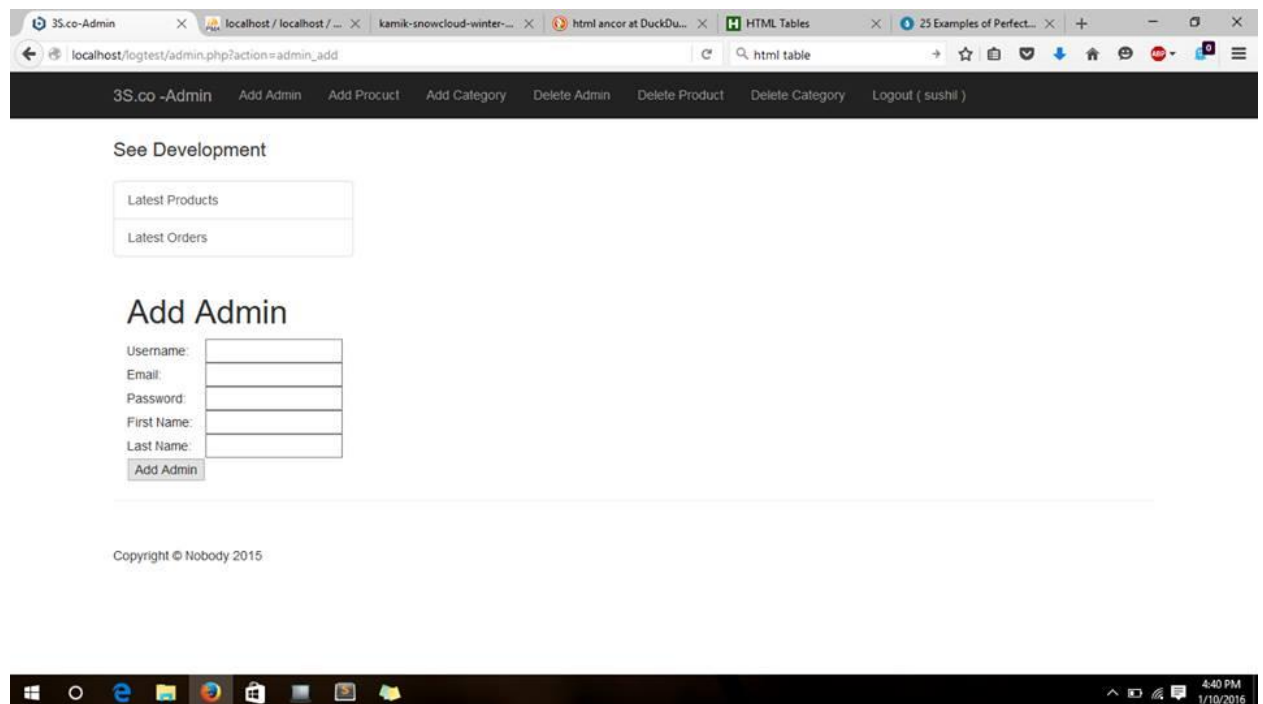
Admin site can be reached by logging in using the admin username and password in the login menu provided in the index page.

The admin page has a navigation bar consisting of options to add or remove admins, products or categories. **Note that removing a category removes all the products associated with the category.**

The Admin functionalities are described below with the snippets:

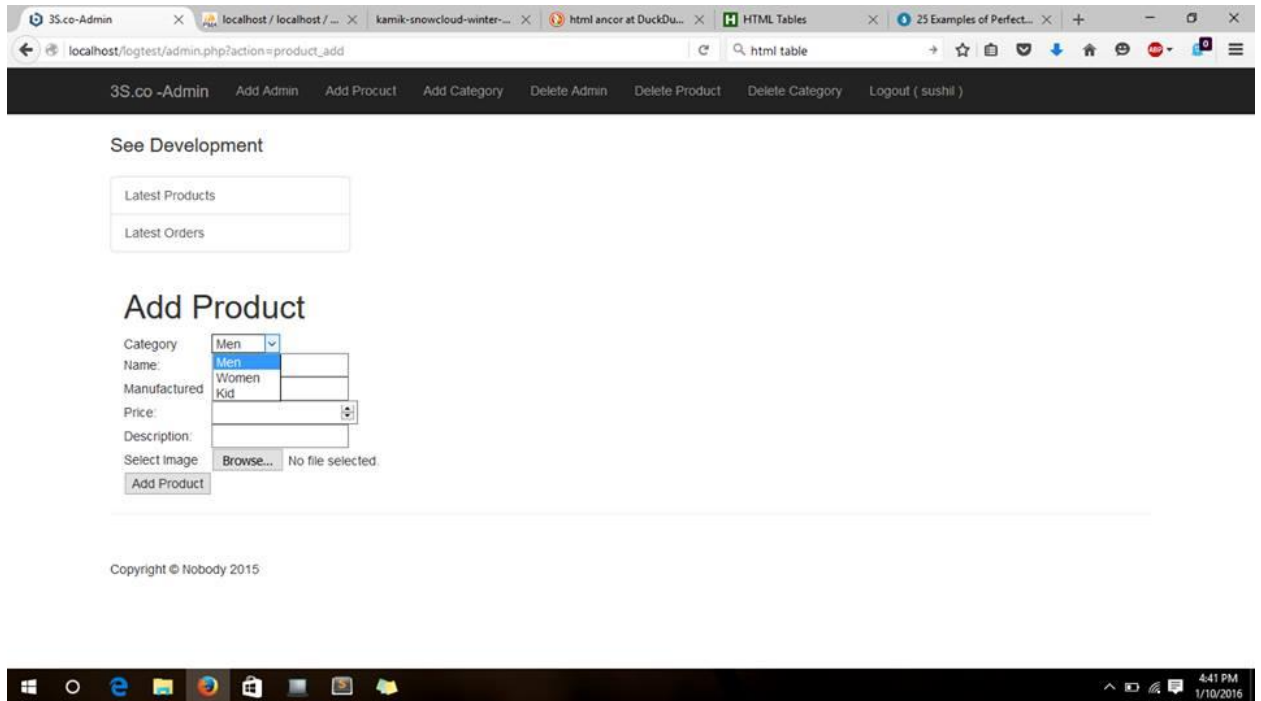
1. Add admin

This helps the admin to add further admins who can add or remove other products and categories.

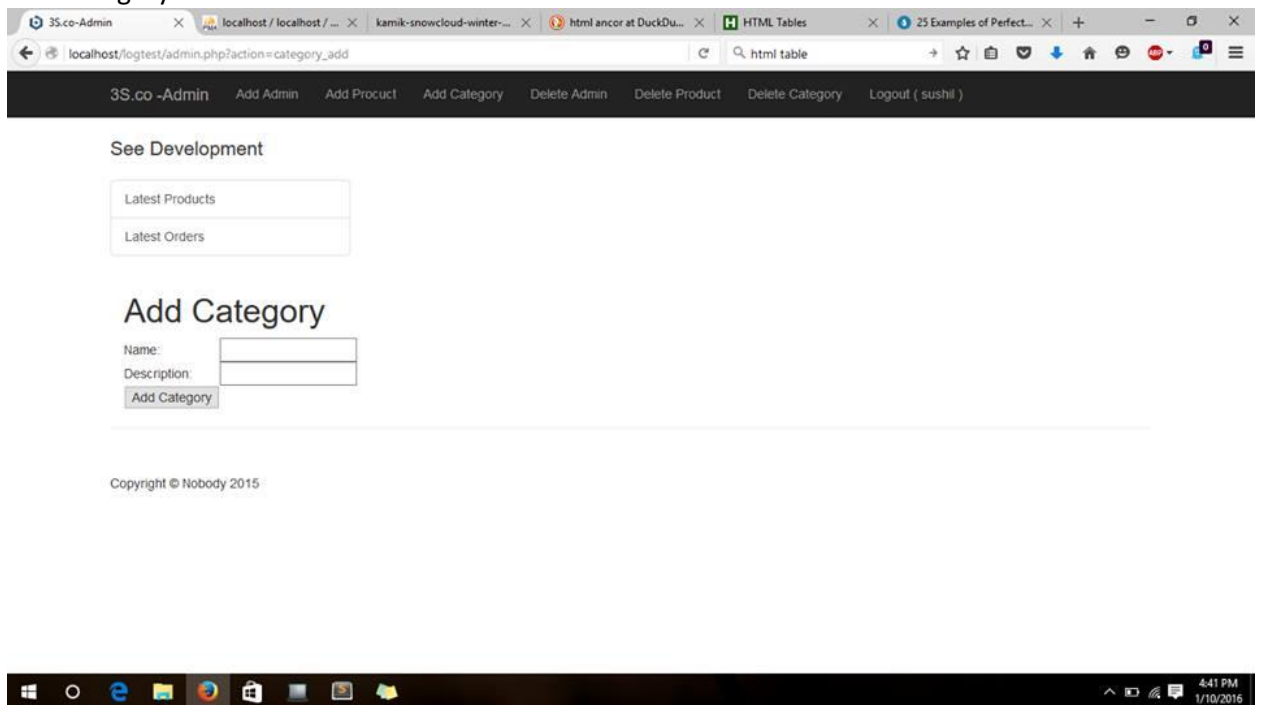


2. Add Product

This helps the admin add new products to the pre-existing categories.



3. Add Category



4. Remove Admins/products/categories

Removing can be done by using the remove tabs in the navigation bar corresponding to the entity that the admin wants to remove by selecting the entity from a simple dropdown menu that consists all the entries in that field. The sample page is as follows

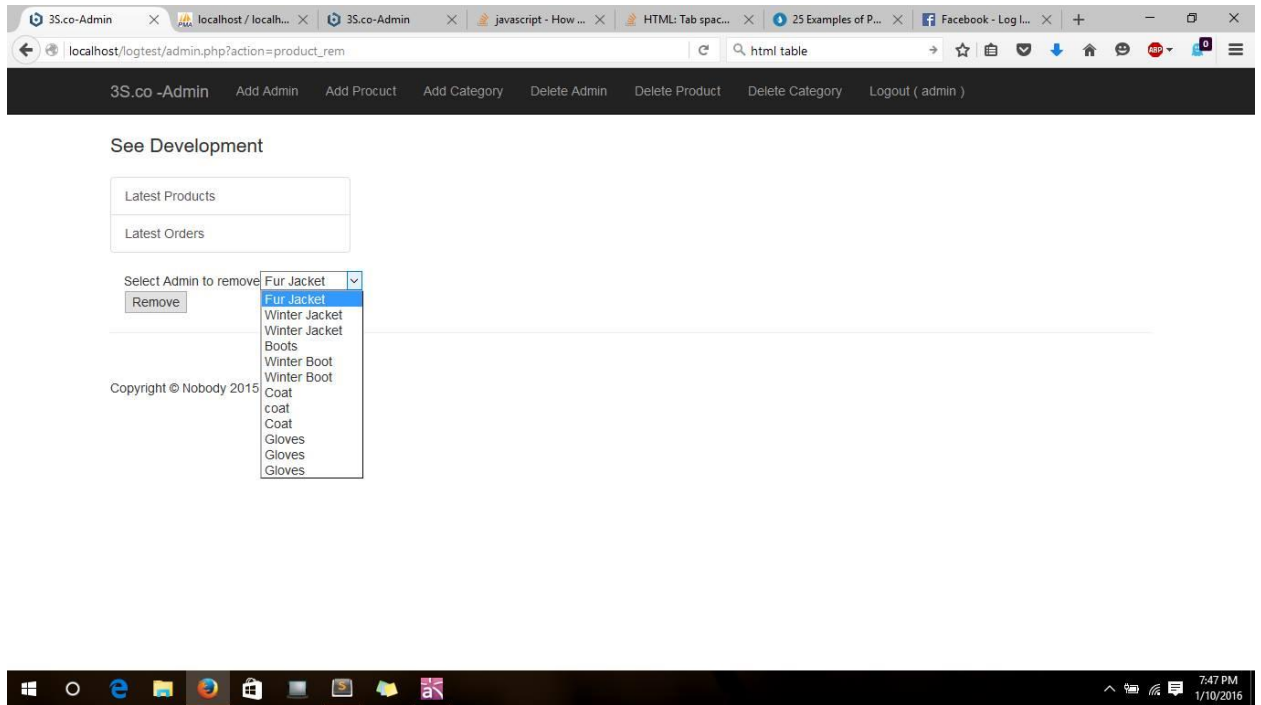
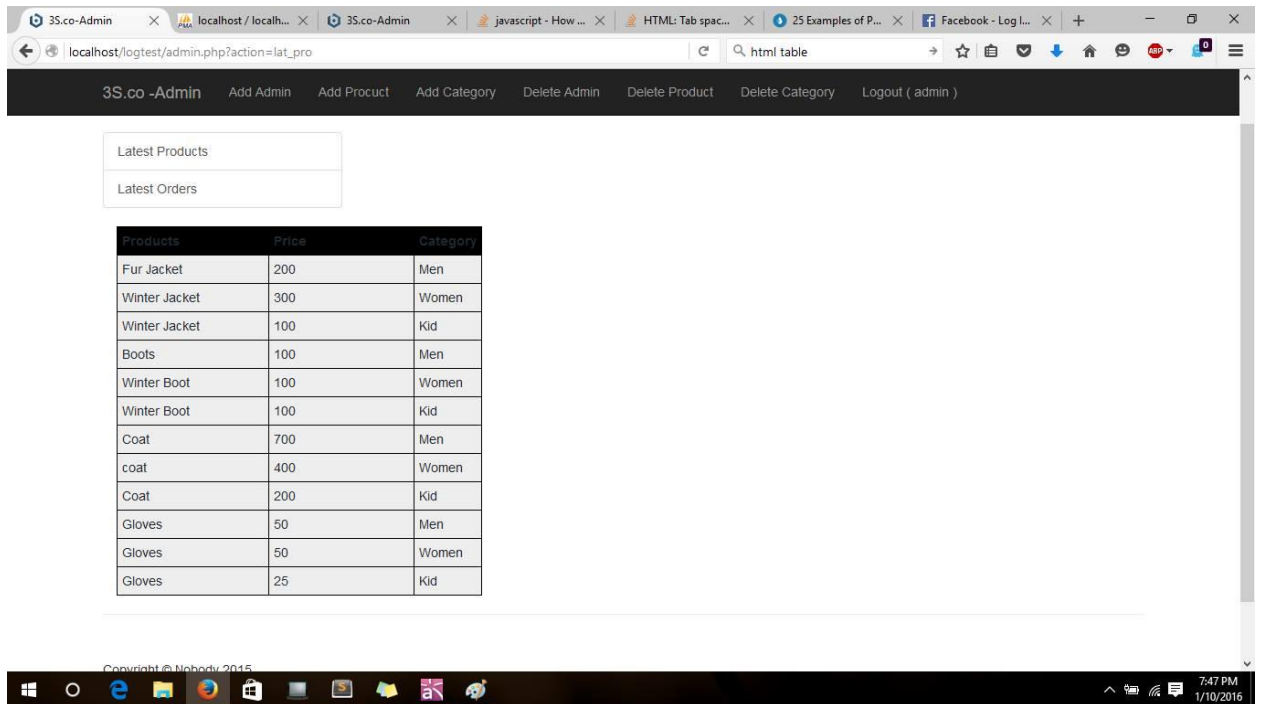


Figure 6 Removing a product

5. Sidebar: View Products

The products can be viewed by clicking the view products link on the sidebar. The demo page is as follows:



6. Sidebar: Viewing orders

The orders can be viewed by clicking on the view orders link on the sidebar. The sample page is

as follows.

3S.co -Admin Add Admin Add Product Add Category Delete Admin Delete Product Delete Category Logout (admin)

See Development

Latest Products

Latest Orders

User	Product	Quantity	Price	Phone	Address
sushil	Fur Jacket	1	200	1234578	Lintukorventie
sushil	Winter Jacket	1	300	1234578	Lintukorventie
sushil	Fur Jacket	1	200	1234578	Lintukorventie
sushil	Fur Jacket	2	400	1234578	Lintukorventie
sushil	Boots	2	200	1234578	Lintukorventie
sushil	Boots	5	500	1234578	Lintukorventie

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Folder Structure

logtest

File Home Share View

Pin to Quick access Copy Paste Copy path Cut Paste shortcut Move to ~ Copy to ~ Delete Rename New folder New item ~ Easy access ~ Properties Open ~ Edit History Select all Select none Invert selection Select

← → ↑ ↓ ↻ ↺ ⌂ This PC > Local Disk (C:) > Bitnami > wampstack-5.5.30-0 > apache2 > htdocs > logtest Search logtest

Name	Date modified	Type	Size
css	12/8/2015 1:09 PM	File folder	
fonts	12/8/2015 1:08 PM	File folder	
img	1/10/2016 7:35 PM	File folder	
js	12/8/2015 1:08 PM	File folder	
admin.php	1/10/2016 7:40 PM	PHP File	23 KB
cart.php	1/10/2016 7:45 PM	PHP File	2 KB
dbconnect.php	12/1/2015 2:34 PM	PHP File	1 KB
header.php	1/10/2016 5:49 PM	PHP File	6 KB
home.php	12/27/2015 1:55 PM	PHP File	2 KB
index.php	1/10/2016 6:22 PM	PHP File	5 KB
login.php	1/9/2016 10:32 AM	PHP File	2 KB
logout.php	1/10/2016 4:47 PM	PHP File	1 KB
orders.php	1/10/2016 7:46 PM	PHP File	2 KB
register.php	1/10/2016 5:03 PM	PHP File	3 KB

14 items

Index.php serves as the main page whereas admin.php handles all the admin functionalities. header.php serves as the basic template for the client side and cart.php and orders.php handle

respective functionalities. The folders css and js contain the stylesheets and scripts used in the site whereas img contains all the images.

Testing

The product was tested using Bitnami WAMP localhost. It is hosted by forwarding the port of a router.

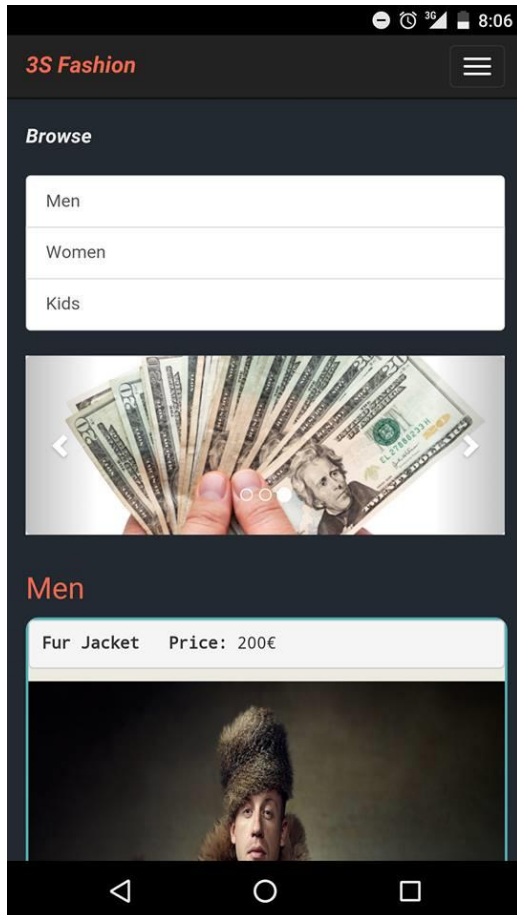


Figure 7. Running on a Nexus 6

References

Frain, Ben. *Responsive Web Design With HTML5 And CSS3*. Birmingham: Packt Publishing Ltd, 2012. Print.

McLaughlin, Brett. *PHP & Mysql*. Sebastopol, CA: O'Reilly Media, 2012. Print.

Nixon, Robin. *Learning PHP, Mysql, And Javascript*. Beijing: O'Reilly, 2009. Print.

Images taken from random google searches

