ASE 299

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Great Products



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# Introduction

Hello user and welcome to the Great Products user manual. This manual should guide you in configuring and setting up the necessary tools to implement and run the database on your own personalized machine, while also giving you insight on the different pages of the website and their functions. The project assumes you have the XAMP control panel, as well as Apache and mySQL installed on your machine. If not, a handy guide to installing both on your machine can be followed here: <https://www.youtube.com/watch?v=YFUOS4GZJD0&t=361s>

It is important that these both are installed, or the database will NOT run on your machine. One that is set, proceed to the following section for configuration of the database.

# Configuration

Graphical user interface, text, application

Description automatically generated

When you fully have set-up XAMP control panel and logged into PhpMyAdmin, you will be greeted with the following screen. On the left, you will see a panel with a list of all databases you have running on your system. Here we want to hit the New one, and name it really whatever you want. Whatever name you choose, keep note of it for later as we will need it in the settings.php file in order to configure and connect to the database. Once that is done, select the database as it should now appear on the panel. In the picture the example being the database “greatproducts”. Once selected you will be greeted with the homepage of the database and a number of features along the top of the window. We want to navigate to the “Import” Option.

Graphical user interface, text, application, email

Description automatically generated

Now, simply select “choose file”, and navigate to wherever the files for the greatproducts database were stored and select the greatproducts.sql file to import. This will import all the tables and dummy data into your new database to populate it.

Text

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In the settings.php file from the GreatProducts folder, there is a number of settings we need to make sure are set-up in order to correctly establish the database for use. The key things to note are to make sure the dbname variable lines up exactly with whatever name you gave the database when you imported it into phpMyAdmin. In addition, username, password, and charset must also match their fields. So whatever username and password you set for your phpMyAdmin should be reflected here in settings, and whatever charset you set the database up with should match.

Once configured and set-up, open a web-browser and navigate to localhost/GreatProducts/index.php

# Home Page

Graphical user interface, text

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This will bring you up to the homepage of the database. This page is viewable to all visitors to the page. Guests, users, and admins alike.

# Guest Area

Graphical user interface, text, application

Description automatically generated

From the homepage, users can select any of the categories listed to only view products belonging to that category. They can also choose to clear the category, returning the view to showing all listed categories and products.

If they instead select a product from the list. It will take them to a following detail page.

Graphical user interface, text, application, email

Description automatically generated

Here, the name, details, cost, and quantity of the item is displayed. A button returning the user to the main page is also present. For logged in users, they will additionally see an add to cart button.

Graphical user interface, text, application, email

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# Login

On the homepage, if the user selects the login button on the top right of the window it will take them to the following window.

Graphical user interface, application

Description automatically generated

Simply enter in your username and password and you will be returned to the homepage, but now as a logged in user. If either the username or password is wrong, instead it will take you to an error window saying that your entries were incorrect. In that case, there will be a button to let you try and login again, or one to return you to the home area.

# Logout

Once logged in, from then on the users login button shall be replaced by this button.

Graphical user interface, application

Description automatically generated

Clicking this button will log the user out and return them to the main landing page.

# User (Non-Admin) Areas

Graphical user interface, application

Description automatically generated

Upon successful login of the user. They will be returned to the homepage, with a welcome message partnered with the username. On the top right, you will notice new options now there. Of note, the Admin button is ONLY available to users who are classified as admins and not available to all users.

Graphical user interface, application, Teams

Description automatically generated

Selecting the profile page button will take the user to a page where their details are listed. Included will be the username, password, and email. Also included is a list of addresses associated with the user, as well as the ability to add, update, or remove addresses from the user. Further, a list of orders belonging to that user will be listed at the bottom.

Shape, rectangle

Description automatically generated

In the top right, logged in users will also be able to select the cart button to see if they currently have any items in their cart, as well as the ability to checkout with the cart. This will then add the cart to their existing orders which will be viewable in their profile page.

# Admin Area

Graphical user interface, text, application

Description automatically generated

Admins have access too all areas of the websites as every other user, with the added benefit of also having a separate admin panel, comparable to the profile panel. Here, admins will be able to see a list of all products, categories, orders, and users. They also have the ability to add, update, and remove from all of these fields except orders. The order field is instead created by users checking out, but admins can update or delete orders here.