Auto Parts Online Store

TEAM MEMBERS

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PROJECT TITLE: Auto-Parts Online Store

PROJECT DESCRIPTION

The purpose of this project is to create an online auto parts store that allows customers to search and purchase the auto parts over the Internet instead of going to the local Auto_Parts or Walmart/Amazon, which is much more convenient and popular in today's world.

Our website features an impressive and user-friendly interface for the online shopping. The auto-parts are classified by different categories. After a free and quick membership registration, the user can add the selected auto-parts into the shopping cart and continue to check out with a price and also can review the purchase history and order details in his account as well.

Compared with the common user, the administrator has some additional functionalities who can add a new part with uploading the image and update/delete an existing part.

The URL for customer to sign up/in:
http://127.0.0.1/auto-parts/

Admin to sign in:

username: admim@admin
password: admin

DATABASE DESIGN

1. Project schema

2. Relation

3. Create table statement & Queries

LANGUAGES USED FOR IMPLEMENTATION

Application platform: **WAMP including Apache webserver, MySQL database and PHP**

Client-side scripting: **HTML5, CSS, JavaScript, jQuery**

Server-side scripting: **PHP**

IMPLEMENTED FUNCTIONALITIES

1. New user sign-up:

- A new user can sign up by providing all the required information including first name, last name, email and password. Check all the mandatory fields and show the ok/error message.
- The password should be at least 8-digit long. Check the rule for sign-up.
- The email address should contain "@". Check the rule for sign-up.
- Check the email address for the new registration if it has already existed in the system.

2. Existing user sign-in:

- The existing user can sign in via registered email and password.
- Validate the email address and password.

3. List all Auto_Parts

- Present all the books on homepage
- The user is directed to the homepage when click the logo "Home" at the top-left corner of the page, or after sign up/in, or log-out.

4. Filter Auto Parts

The user can filter the related auto parts of the same genre according to the categories showing on the top of the page: wheel, light, Inner Parts, Machine, Oil.

5. Search Auto Parts

- The user can search for a specific auto part based on any key word among all the auto parts.
- The user can search for a specific auto part based on any key word within the typical category.

6. Add auto parts to shopping cart

- The user can add the auto parts to shopping cart on the index.
- The user can change the quantity of the auto part in the myCart Page.

* If the operating is valid, then the auto part will be added to the cart.

* If the operating is invalid, nothing will be added to the cart.

7. Edit shopping cart

- The user can remove any auto-part from the cart.
- The user can modify the quantity of the auto-part in the cart.
- The subtotal is calculated according to the auto-part in the cart automatically.
- The subtotal varies according to the modified quantity of the auto-part.
- The user input for quantity should be validated. (The input is bounded to integer.)
- The user cannot checkout when the shopping cart is empty.

8. Check out auto-parts

- Only the existing user can check out auto-parts.
- The order summary is presented.

- The number of in-stock auto-parts varies only after a successful checkout.
- An order number is generated automatically after a successful checkout.
- A new record is created in the purchase history after a successful checkout.

9. Show purchase history

- An existing user can view the order history in his account.
- The latest order always shows up on the top.

10. View order details

All the detailed information regarding a typical order is presented.

11. Admin user

- The admin user is able to add a new auto-part, edit/delete an existing auto-part in thesystem.
- The admin user is able to log out.

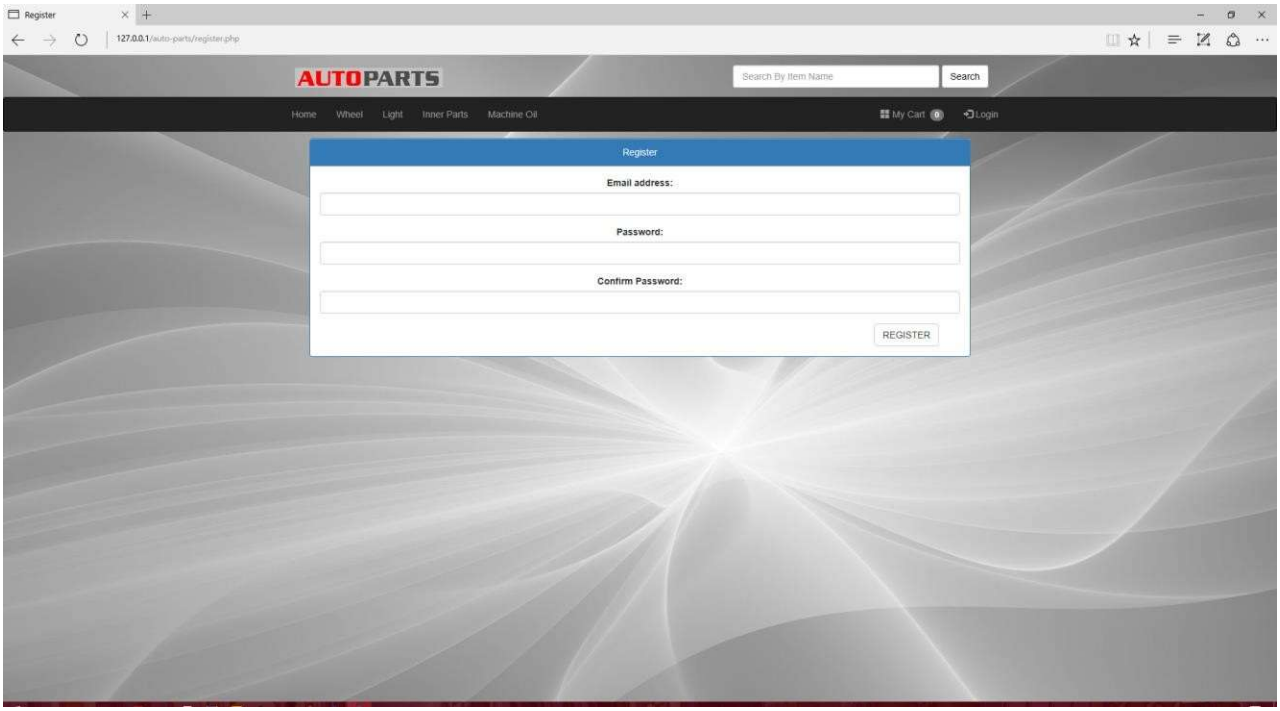
SCREENSHOT

1. Sign up/in to the system

The new user must fill out all the required fields for sign-up.

The existing user can sign in using the email address and password.

The user input is validated for both sign-up and sign-in.

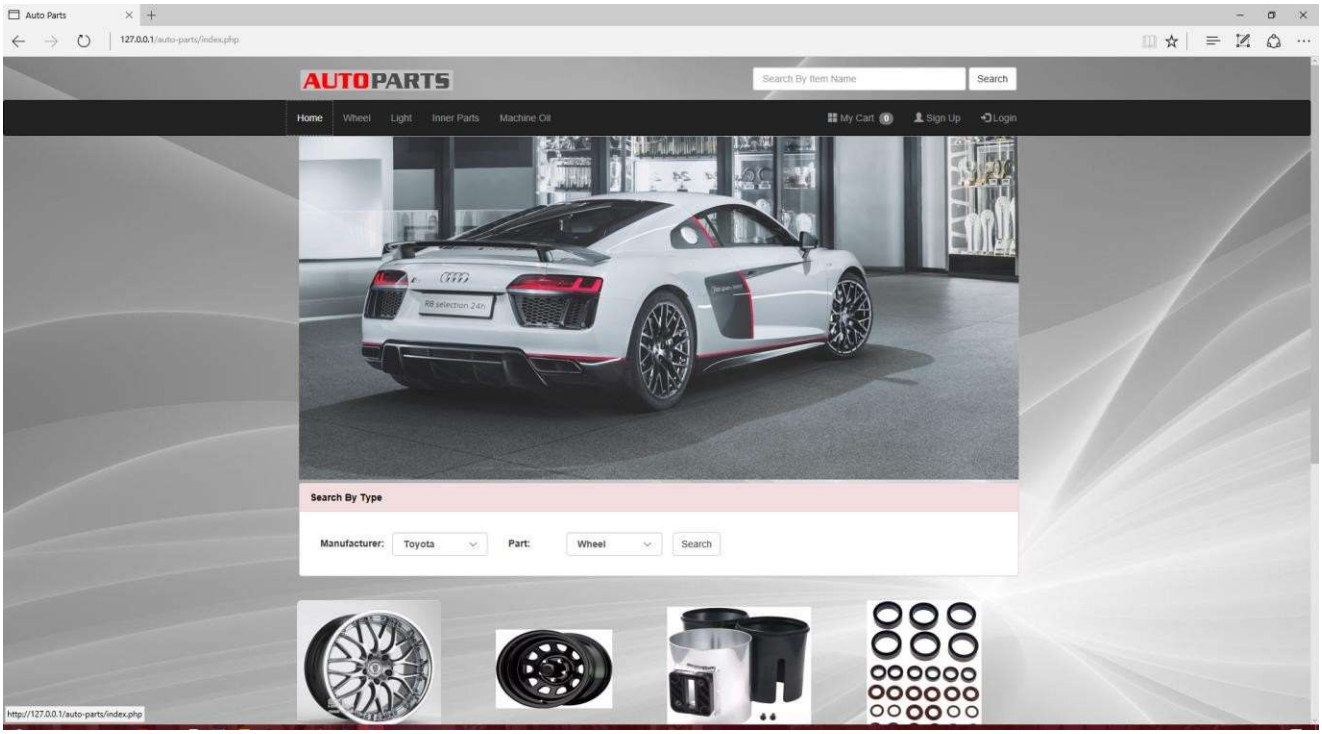


2. Homepage

All the auto-parts are displayed on the homepage.

The user can filter the auto-parts by clicking the corresponding category name on the top (wheel, light, etc)

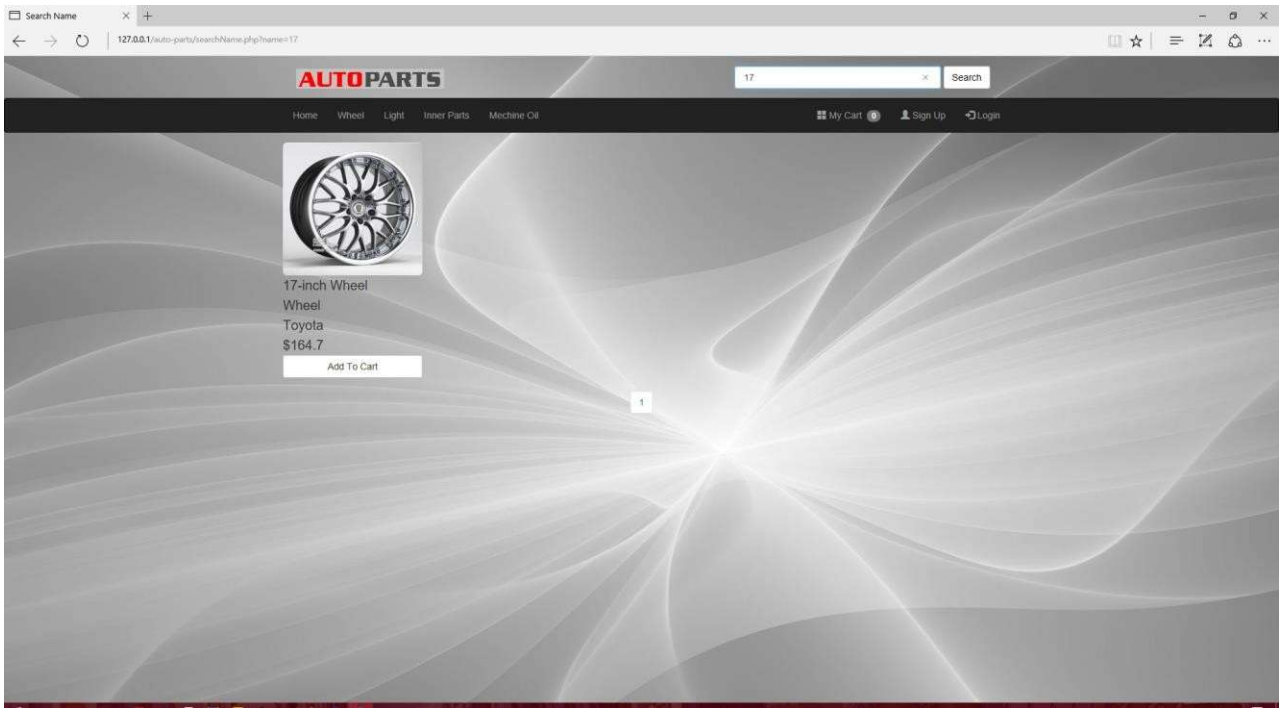
The user can add the auto-parts to the shopping cart here.


Auto Parts
127.0.0.1/auto-parts/index.php
AUTOPARTS
Search By Item Name
Search
Home
Wheel
Light
Inner Parts
Machine Oil
My Cart 0
Sign Up
Login
Search By Type
Manufacturer:
Toyota
Part:
Wheel
Search
http://127.0.0.1/auto-parts/index.php

3. Search Auto-part

The search bar is on the top of the page.

The user can search for a specific auto-part among all auto-part or within a typical category based on any keyword.



4. Add Auto-part in to shopping cart
The user can add the auto-part to the shopping cart here.

5. Shopping cart

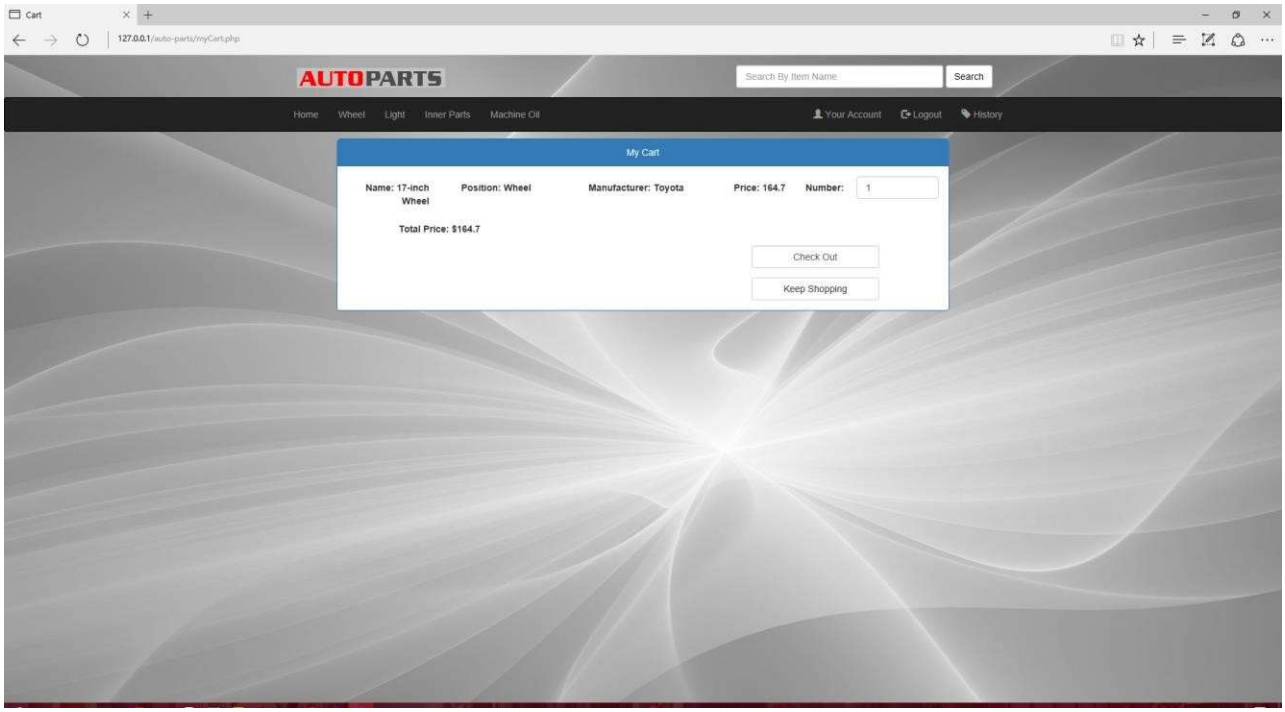
The user can remove any auto-part from shopping

cart.

The subtotal is displayed here.

The user is able to modify the quantity for the selected book, and the subtotal varies with the

quantity. The user input is bounded to the inventory of the auto-parts.



6. Checking out

The existing user is able to check out and the order summary

is presented.

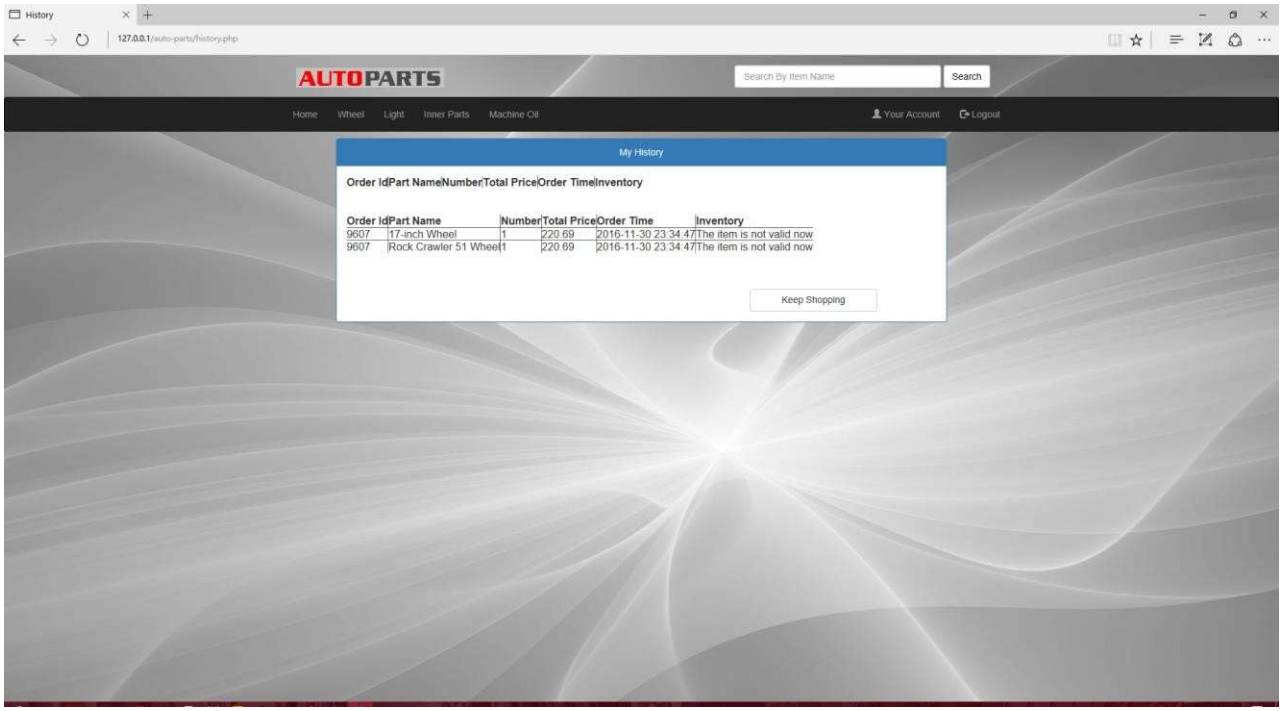
Place the order by clicking “check out” button at the bottom of this page.

Then, an alert will show up indicating the order is placed successfully, and the order number is presented here.

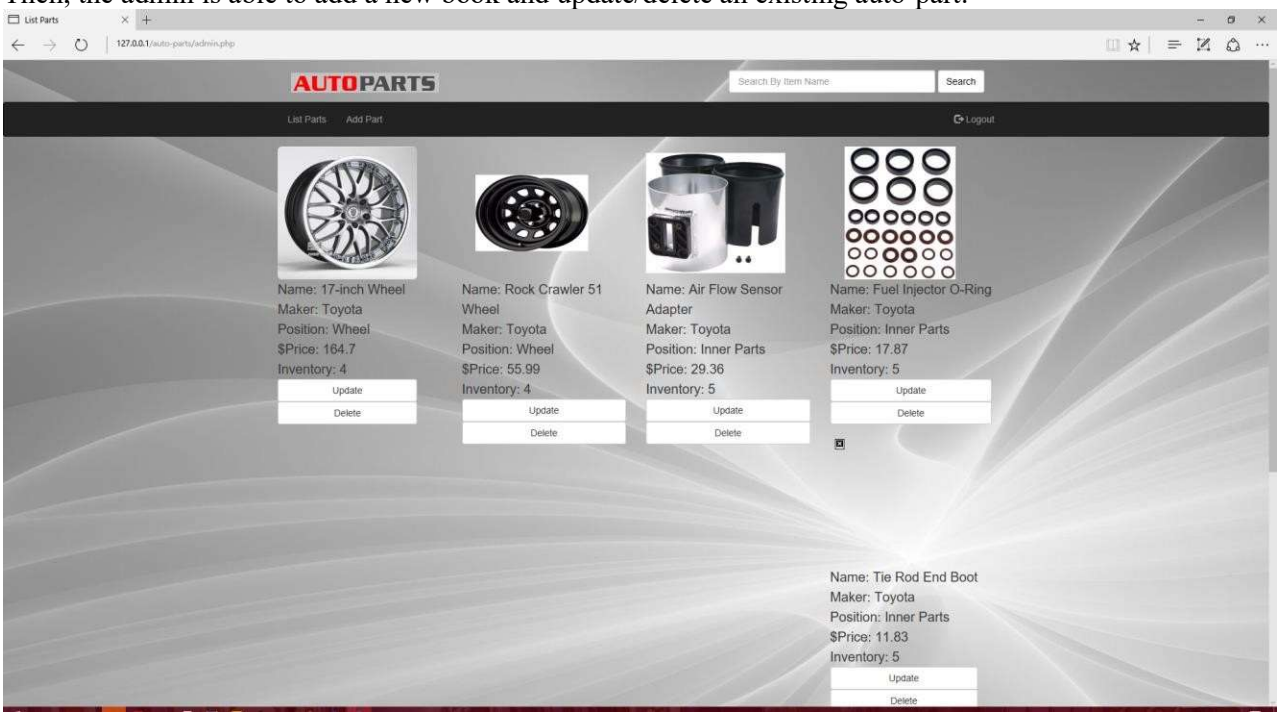
At this point, the order is considered as completed, and the user can find such record in the purchase history.

7. Purchase history & Order details

The existing user can view the order history in his account by clicking the “History” button on the right-top of the page.



8. Admin user

The admin should log in to the system, and the input is also validated.

Then, the admin is able to add a new book and update/delete an existing auto-part.