CS 6314.001 Web Programming Language
Online Auto-Parts Store

Project Description

Our project is to build an online auto-parts store which allows customers to search and buy specific auto parts. Our auto parts are classified by 5 categories, such as motor oil, wash & wax, batteries, lights and tires & wheels. Customers must create an account and the account registration would be strictly checked to make sure the input is legal. For users, the purchase history can be reviewed.

Our project also maintains an administration page to add new items or update the existing items.

Database Design
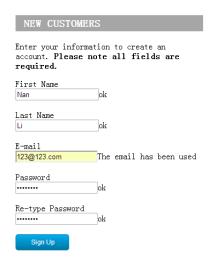
(…………Not list here)

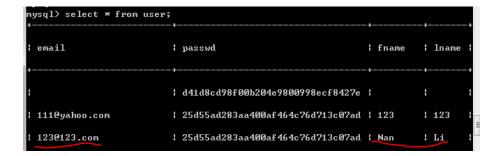## Used Languages

Client side: HTML, CSS, JavaScript, JQuery

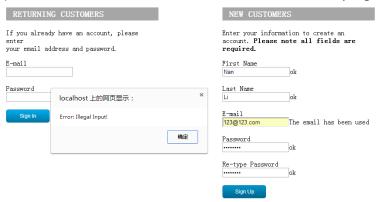Server side: PHP

Application platform: MAMP

Main Functionalities

1). User sign up: register a new customer to the system.

```
mysql> select * from user;
+-------------------------+-------------------------------------+---------+---------+
| email                   | passwd                              | fname   | lname   |
+-------------------------+-------------------------------------+---------+---------+
|                         | d41d8cd98f00b204e9800998ecf8427e    |         |         |
| 111@yahoo.com           | 25d55ad283aa400af464c76d713c07ad    | 123     | 123     |
| 123@123.com             | 25d55ad283aa400af464c76d713c07ad    | Nan     | Li      |
```
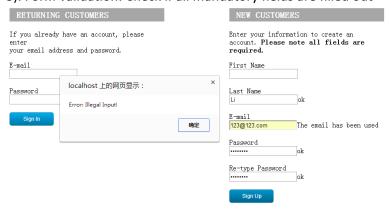
2). Check the new username or email address if it's already registered
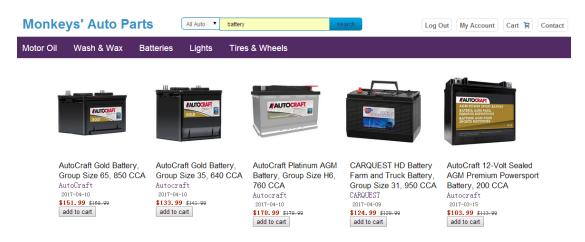

3). Form validation: Check if all mandatory fields are filled out

4). Check if password is strong enough

5). Search available products/services in the system
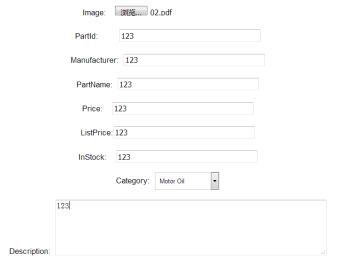
6). Add item(s) to the cart and checkout

Shopping Cart

ITEM DESCRIPTION	STATUS	QTY	PRICE
REDBOURNE MANOR 20 X9.5 5-120.00 32 BKGLXX by REDBOURNE partId:500010 REMOVE	In Stock	1	$360

7). For Admin user(s), list all items

Image	PartId	PartName	Manufacturer	Date	Price	list Price	Category	
	500010	REDBOURNE MANOR 20 X9.5 5-120.00 32 BKGLXX	REDBOURNE	2017-04-19	$360	$400	Tires & Wheels	Edit Delete
	100009	Mobil1 0W20 Fully Synthetic Motor Oil (5 Plus Quart Jug)	Mobil1	2017-04-19	$36.99	$40	Motor Oil	Edit Delete
Cute Monkey	x000001	Cute Monkey	Zoo	2017-04-19	$99.99	$999.99	Motor Oil	Edit Delete
	100004	Castrol GTX 5W-30 Conventional Motor Oil (5 Quart Jug)	Castrol	2017-04-19	$26.99	$30	Motor Oil	Edit Delete

8). Add new item

Image: 浏览... 02.pdf

PartId: 123

Manufacturer: 123

PartName: 123

Price: 123

ListPrice: 123

InStock: 123

Category: Motor Oil

Description: 123

9). Delete item

Image	PartId	PartName	Manufacturer	Date	Price	list Price	Category	
123	123	123	123	2017-04-27	$123	$123	Motor Oil	Edit Delete

10). Update item

Image	PartId	PartName	Manufacturer	Date	Price	list Price	Category	
123	123	123	123	2017-04-27	$123	$123	Motor Oil	Edit Delete

Team Members

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