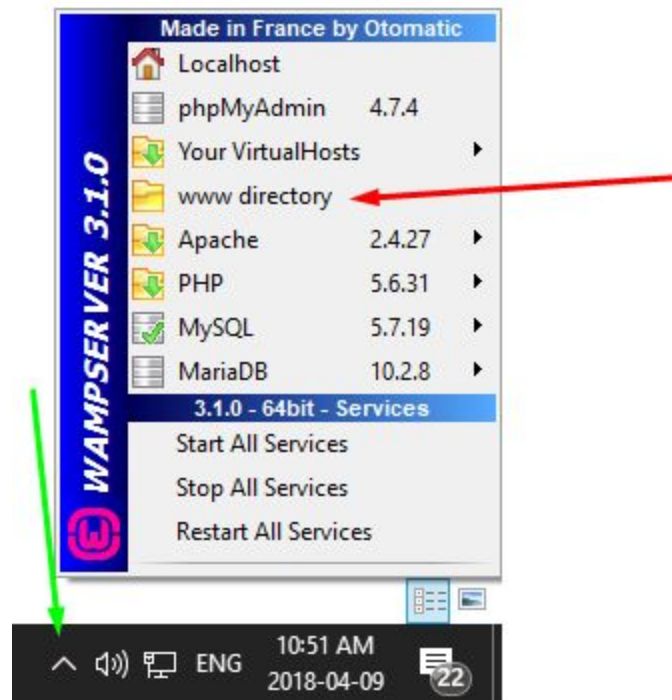


CPSC 3660 - Spring 2018
Introduction to Database Systems
Course Project User Manual
Nora White, Matthew Rose, Ryan Lockett

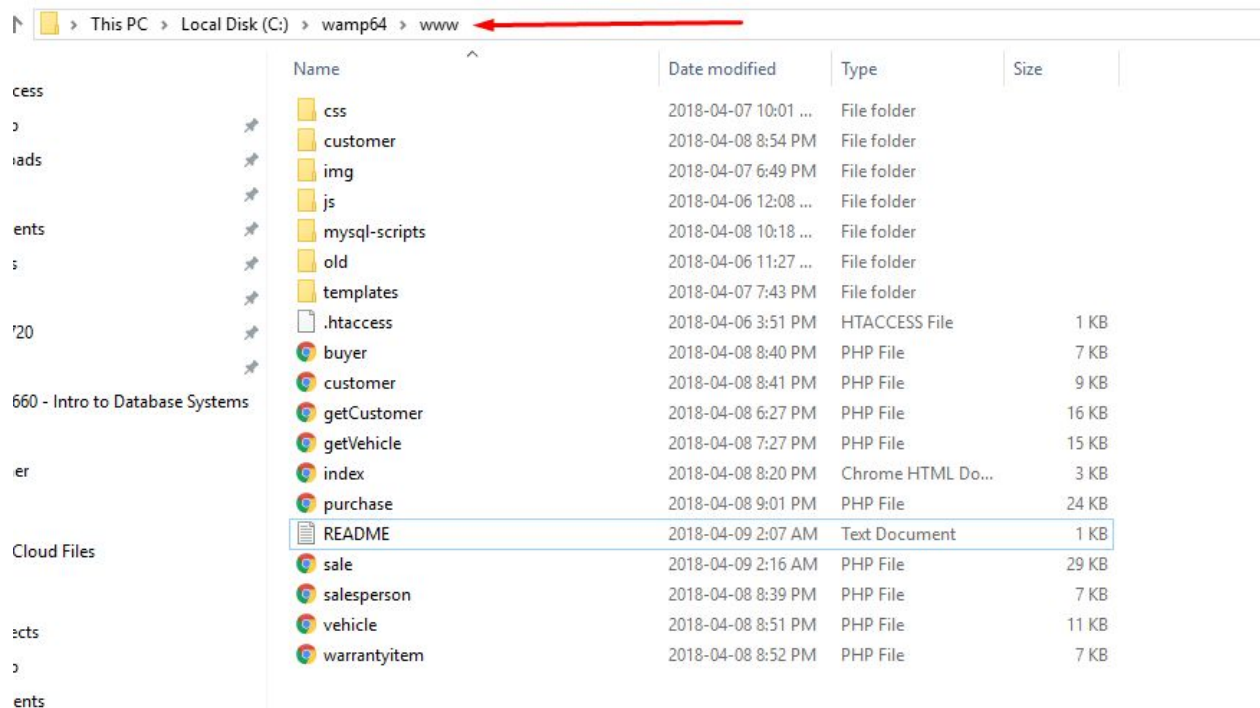
Installation

Prerequisite: WAMP must be installed and running on your local PC.

1. Open the www directory in wamp (C:\wamp64\www)
 - a. This directory can also be accessed by clicking on the **hidden icons** button on your taskbar, clicking on the WAMP icon, and clicking on the link to **www directory**.

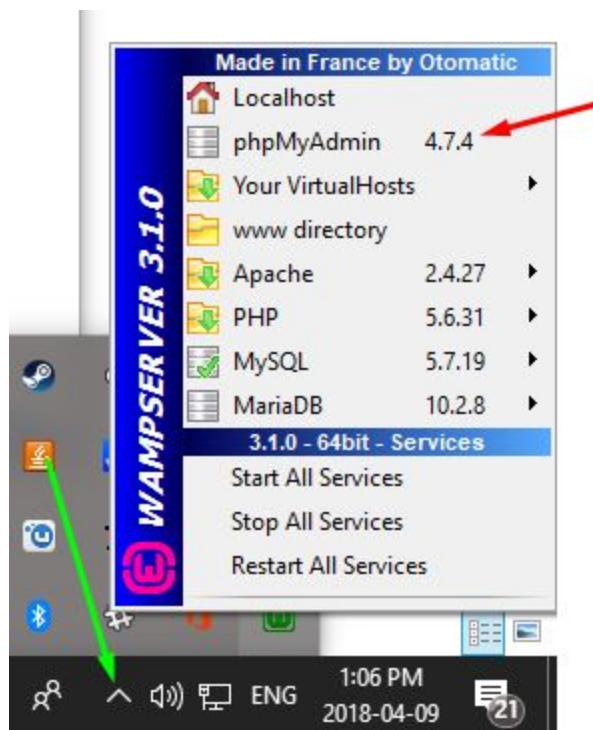


2. Inside of the www directory, paste all contents of the zip file.



3. Open phpMyAdmin (<http://localhost/phpmyadmin/>)

- phpMyAdmin can be accessed by clicking on the **hidden icons** button on your taskbar, clicking on the WAMP icon, and clicking on the link to **phpMyAdmin**.



4. You will be prompted with the login screen. Fill in the correct username and password (username is root, and leave password blank) and click on the **Go** button.



phpMyAdmin

Welcome to phpMyAdmin

Language

English ▼

Log in 

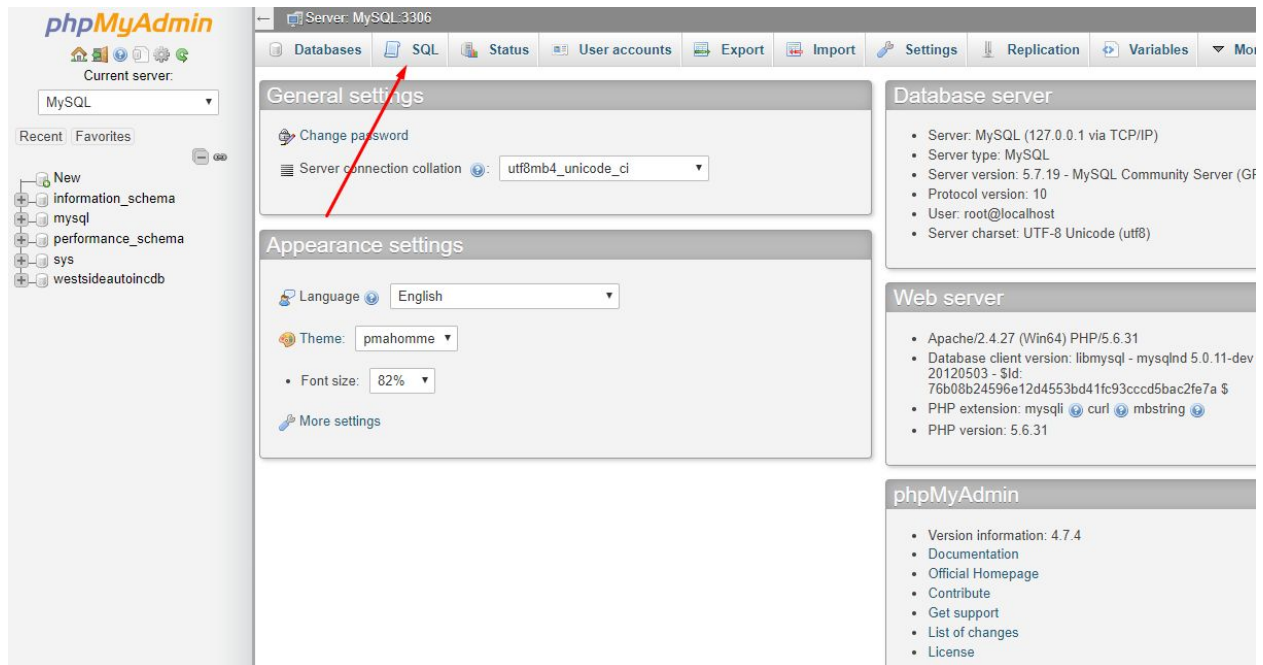
Username:

Password:

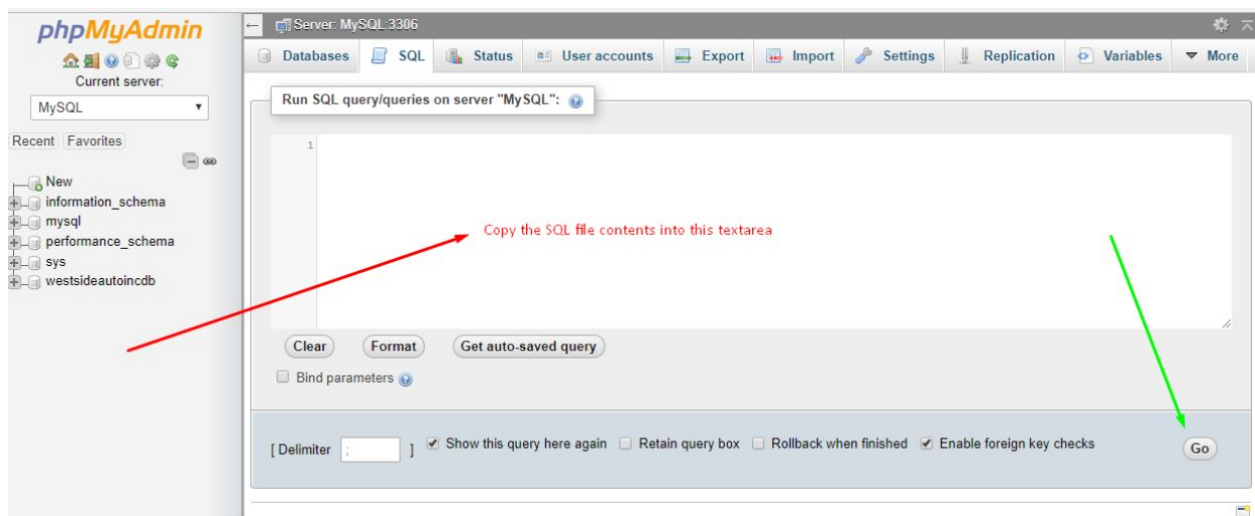
Server Choice: ▼

Go

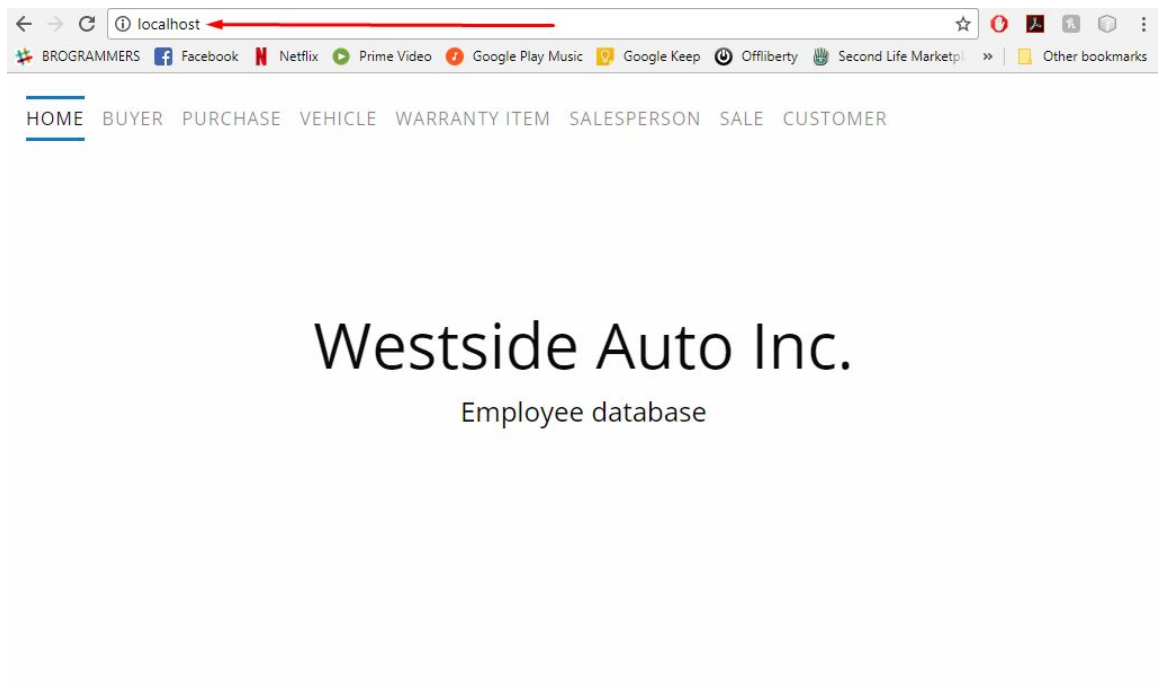
5. You are now on the phpMyAdmin console. Click on the **SQL** tab.



6. Copy the contents of WestsideAutoIncDB (located in **C:/wamp64/www/mysql-scripts**) into the textarea on this page, and then click on the **Go** button on the bottom right hand side of the page. All code will be run and a fresh database with no data will exist.



7. Open a browser (preferably Chrome), and navigate to **localhost**. The website will now be displayed.

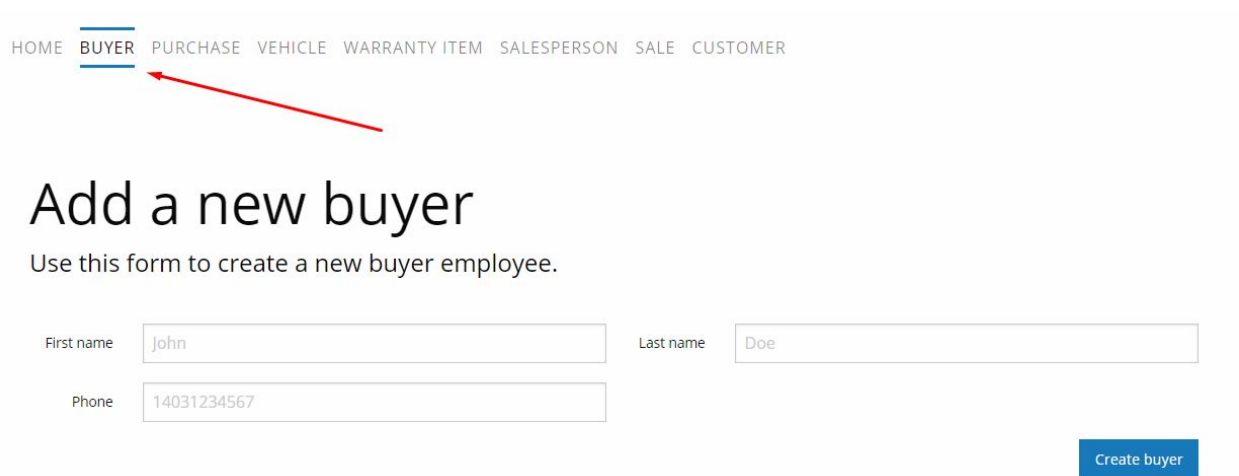


Tutorial

Add a buyer

Buyers are the first and most important step to this application. Without a buyer, vehicles cannot be bought, and so any further action on the website becomes impossible to complete (with the exception of adding a warranty item and a salesperson).

1. Navigate to the **buyer** page.



The screenshot shows the application's navigation bar with the following links: HOME, BUYER, PURCHASE, VEHICLE, WARRANTY ITEM, SALESPERSON, SALE, and CUSTOMER. The 'BUYER' link is highlighted with a blue underline, and a red arrow points to it from below. Below the navigation bar is the heading 'Add a new buyer' and the instruction 'Use this form to create a new buyer employee.' The form contains three input fields: 'First name' with the value 'John', 'Last name' with the value 'Doe', and 'Phone' with the value '14031234567'. A blue 'Create buyer' button is located at the bottom right of the form.

2. You are prompted with several input fields and a submit button. Fill in the buyer's information and click **Create buyer**.
3. A success alert will popup when the action has completed.

Yay! - You added a new buyer!



Purchase a vehicle

Without vehicles, the business doesn't operate. Vehicles are the next natural progression on the website.

1. Navigate to the **purchase** page.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Purchase a vehicle

Use this form when a buyer purchases a vehicle.

Buyer	<input type="text" value="Doe, John"/>		
Date	<input type="text" value="yyyy-mm-dd"/>	Auction	<input type="checkbox"/>
Seller	<input type="text" value="John Doe"/>	Location	<input type="text" value="National Auto Outlet"/>
Year	<input type="text" value="2008"/>	Make	<input type="text" value="Volkswagen"/>

2. You are prompted with several input fields and several buttons.
3. Choose a buyer from the drop down menu (*if there are no options, refer to the **Add a buyer** tutorial*)
4. Fill in the information regarding the purchase, vehicle, and repair details. You can add as many vehicles and as many repairs as needed.
 - a. To add a repair, simply click on the **Add repair** button.
 - b. To add a vehicle, simply click on the **Add vehicle** button.
5. Click on the **Purchase vehicle** button when you have finished filling everything in.
6. A success alert will popup when the action has completed.

Yay! - You added a new purchase!



View and update a vehicle

Vehicle, purchase, repair, and warranty information is found on this page.

Note: Updating a vehicle is a key step in being able to sell a vehicle; in order for the system to recognize that a vehicle is for sale, a vehicle has to have a **listing price, and listing prices can only be added on the **Vehicle** page.*

1. Navigate to the **vehicle** page.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Vehicle info

Use this form when editing vehicle information.

Show entries

Search:

Year	Make	Model	Color	Mileage	Style	Interior Color	
2004	Ford	Ranger	Blue	140000	Convertible	Black	Edit
2008	Volkswagen	Golf	Red	15000	Convertible	Tan	Edit
2008	Volkswagen	Golf	Red	15000	Hatchback	Tan	Edit

Showing 1 to 3 of 3 entries

2. You are shown a list of vehicles that you have created (*if there are no options, refer to the **Purchase a vehicle** tutorial*). Click on the **Edit** button beside the vehicle you want to look at.
3. Fields for the chosen vehicle have now been populated below the table. You can update any information that you need here.
 - a. To update the vehicle, simply click on the **Update vehicle** button.
 - b. To update a repair, simply click on the corresponding **Update repair #** button.
4. A success alert will popup when the given action has been completed.

Add a warranty item

Warranty items need to be created if a salesperson wants to sell a warranty with a vehicle.

1. Navigate to the **warranty item** page.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Add a new warranty item

Use this form to create a new warranty item.

Type	<input type="text" value="Stereo"/>
Description	<div><div>This warranty covers...</div><div></div></div>

200 characters remaining

Create warranty item

2. You are prompted with several input fields and one button.
3. Fill in the information regarding the warranty item.
4. Click on the **Create warranty item** button when you have finished filling everything in.
5. A success alert will popup when the action has been completed.

Yay! - You added a new warranty item!



Add a salesperson

Salespeople need to be created in order to sell a vehicle; buyers do not have the privilege of selling vehicles to customers.

1. Navigate to the **salesperson** page.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Add a new salesperson

Use this form to create a new salesperson.

First name

Last name

Phone

Create salesperon

2. You are prompted with several input fields and one button.
3. Fill in the information regarding the salesperson.
4. Click on the **Create salesperson** button when you have finished filling everything in.
5. A success alert will popup when the action has been completed.

Yay! - You added a new salesperson!



Sell a vehicle

Selling a vehicle is the next step in the natural progression of this business. When selling a vehicle, customers are created, vehicles are associated to the created customer, and warranties are associated to the vehicle.

1. Navigate to the **sale** page.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Sell a vehicle

Use this form when selling a vehicle to a customer.

Salesperson

Customer information

First name Last name
Gender Birthday

2. You are prompted with several input fields and several buttons.
3. Choose a salesperson from the drop down menu (*if there are no options, refer to the **Add a salesperson** tutorial*)
4. Fill in the information regarding the customer, vehicle, and any warranties. You can add as many warranties as needed.
 - a. Choose a vehicle using the radio buttons in the vehicle table.
 - b. To add a warranty, simply click on the **Add another warranty** button.
5. Fill in the information regarding the commission and down payment. Finance amount and total cost are automatically calculated based on the dollar amount input fields on this page.
6. Click on the **Submit sale** button when you have finished filling everything in.
7. A success alert will popup when the action has completed.

Yay! - You sold a new vehicle!



View and update a customer

Customer, purchase history, payment, and employment history information is found on this page.

1. Navigate to the **customer** page.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Customer info

Use this form when editing customer payment and employment information.

Show	10	entries	Search:	
First Name	Last Name	Gender	Phone	
John	Doe	Male	14031234567	Edit
John	Deer	Male	14037654321	Edit

2. You are shown a list of customers that you have created (*if there are no options, refer to the **Sell a vehicle** tutorial*). Click on the **Edit** button beside the customer you want to look at.
3. Fields for the chosen customer have now been populated below the table. You can update any information that you need here.
 - a. To update the customer, simply click on the **Update** button.
 - b. To view the customers purchase history, click on the **View** button next to a listed vehicle.
 - c. To add a new payment, click the **New payment** button.
 - d. To add employment history, click the **New employment history** button.
4. A success alert will popup when the given action has been completed.

Add a new payment for a customer

Allows a customers payment information to be entered.

1. On the **Customer** page, click the **New payment** button.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Add a new payment for John

Use this form to add a new payment for John Doe.

Expected date	<input type="text" value="yyyy-mm-dd"/>	Paid date	<input type="text" value="yyyy-mm-dd"/>
Amount due	<input type="text" value="\$ 3549.00"/>	Amount paid	<input type="text" value="\$ 3549.00"/>
Bank account	<input type="text"/>		

Add payment

2. You are prompted with several input fields and one button.
3. Fill in the information regarding the payment item.
4. Click on the **Add payment** button when you have finished filling everything in.
5. A success alert will popup when the action has been completed. A link back to the customer page is found in this alert.

Add a new employment history for a customer

Allows a customers employment history information to be entered.

1. On the **Customer** page, click the **New employment history** button.

HOME BUYER PURCHASE VEHICLE WARRANTY ITEM SALESPERSON SALE CUSTOMER

Add employment history for John

Use this form to add employment history for John Doe.

Employer	<input type="text"/>	Title	<input type="text"/>
Supervisor	<input type="text"/>	Phone	<input type="text"/>
Address	<input type="text"/>	Start date	<input type="text" value="yyyy-mm-dd"/>

[Add employment history](#)

2. You are prompted with several input fields and one button.
3. Fill in the information regarding the payment item.
4. Click on the **Add employment history** button when you have finished filling everything in.
5. A success alert will popup when the action has been completed. A link back to the customer page is found in this alert.