

NIT1204 COVER PAGE

Subject: NIT1204 - Web Application and Server Management

Assignment: Product Management Assignment Application

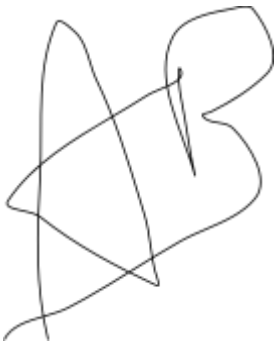
Due date: 17:00 November 22, 2021 (Semester 2, Block 4)

Group Number: 01

Group Members:

- **Name** - Alex Gilevski **Student Number** - s8008450
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Signature:



Date: 22/11/2021

Signature:



Date: 22/11/2021

INSTALLATION AND USAGE

Shopping Form Install & Usage:

Shopping List Form

Array ()

Item:

There are no Items in the Shopping list.

Add Item:

Item:

1. Make sure XAMPP with Apache & MySQL are running in the control panel, and make sure the folder with the correct files are located in the HTDOCS folder.
2. Type into google 'localhost/YOURFOLDER/' to access the page.
3. You will arrive at the main page. Here you can add your first item.

Shopping List Form

Item:

There are no Items in the Shopping list.

Add Item:

Item:

4. Page after adding the first item. Here you can add another item, promote it, delete it or sort numerically & alphabetically.

Shopping List Form

Item:

1. Orange

Add Item:

Item:

Select Item:

Item:

Here you can change the name of an item using the 'Modify Item' Button.

Shopping List Form

Errors:

You can't promote the first item.

Item:

1. Milk

Add Item:

Item:

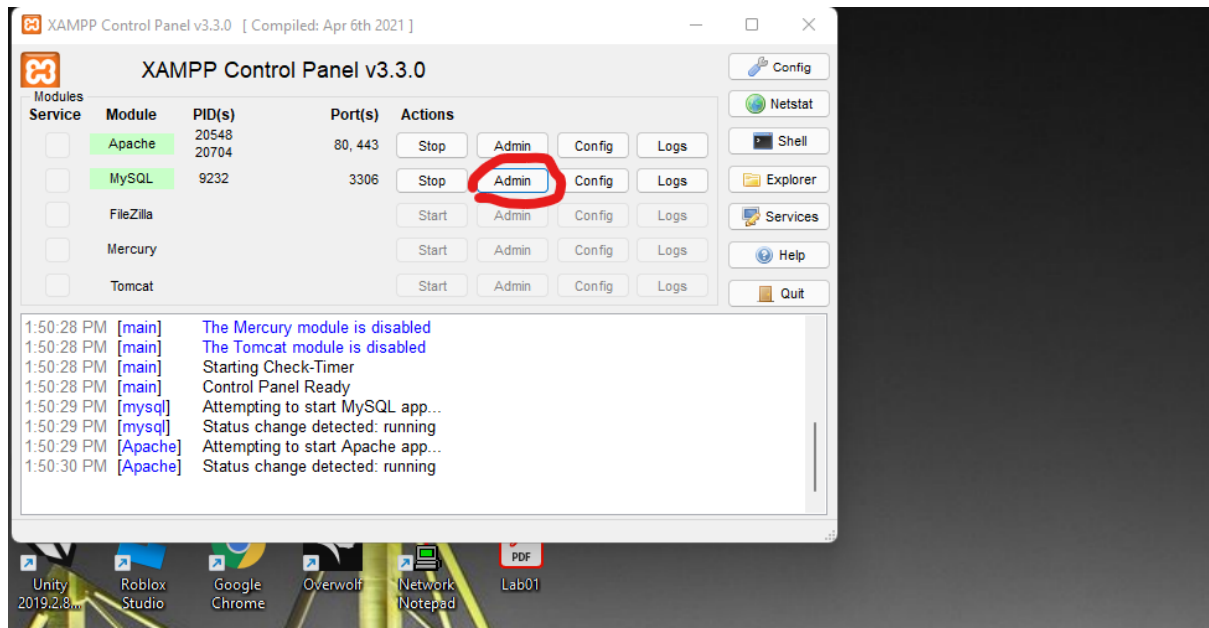
Select Item:

Item:

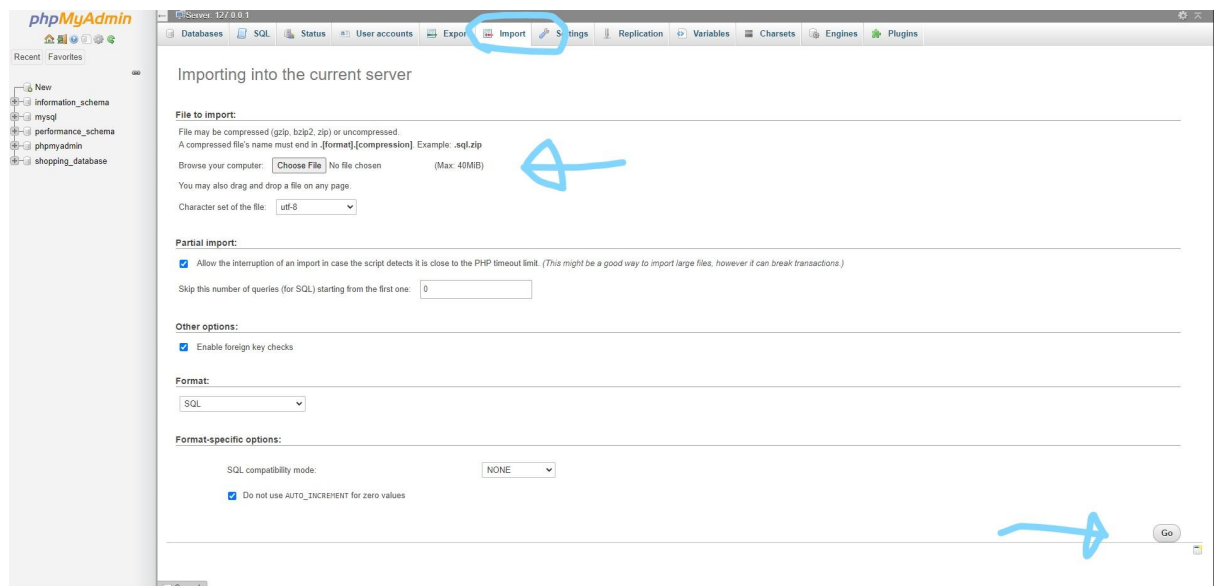
Be aware that you cannot promote an item that is first.

Shopping List Manager Install & Usage

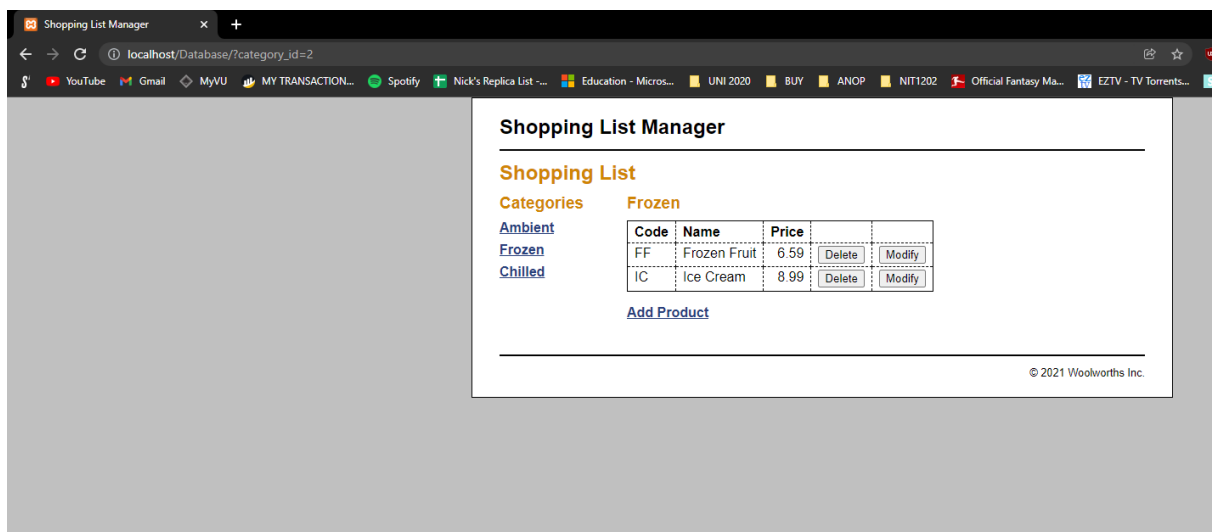
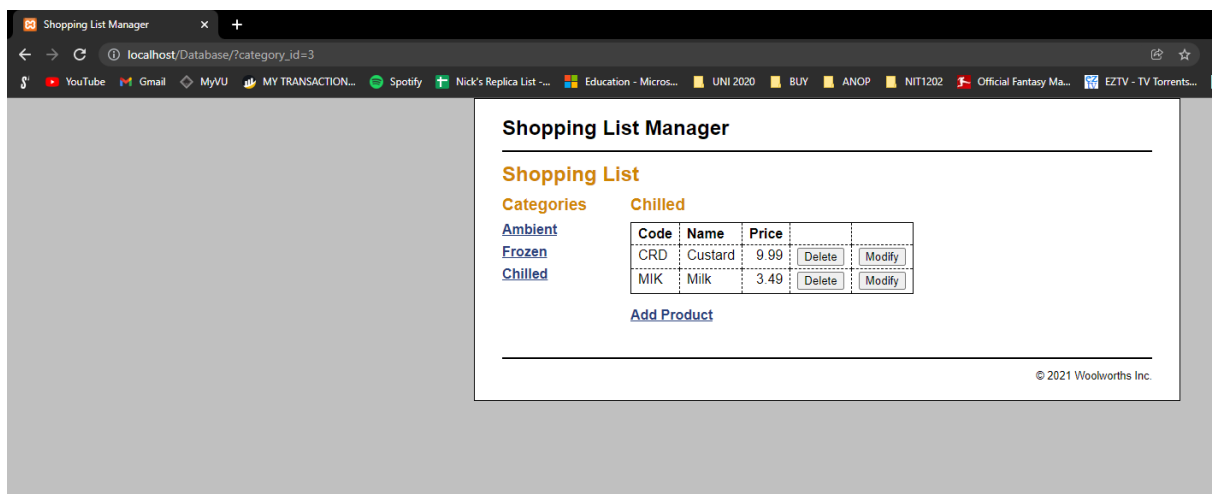
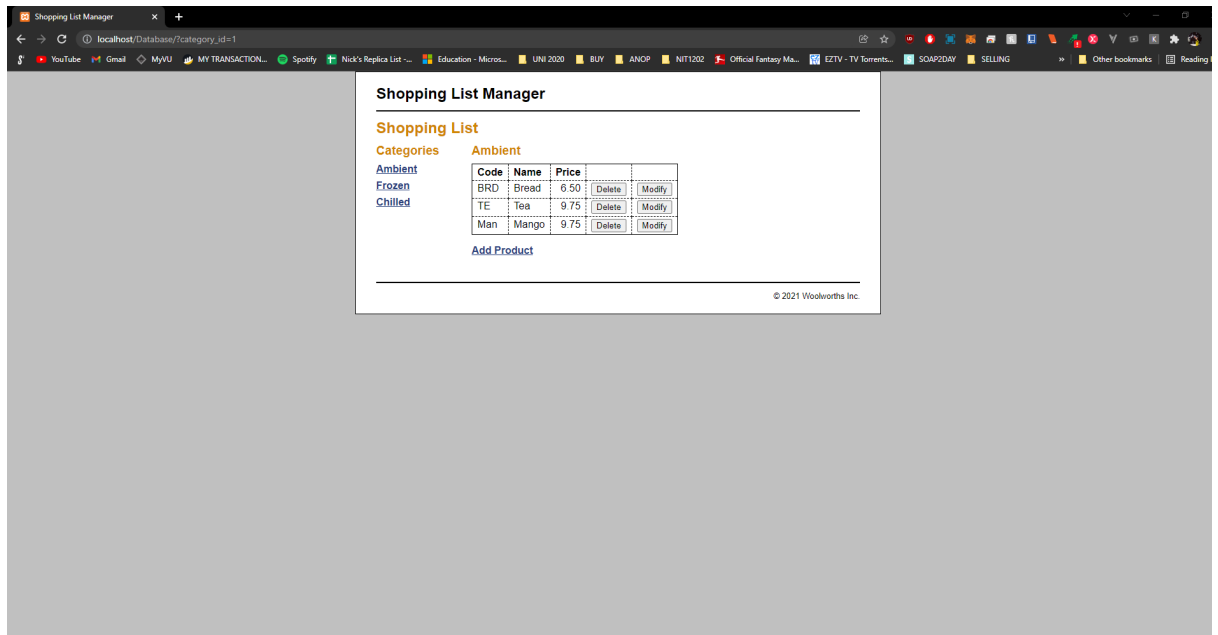
1. Make sure XAMPP with Apache & MySQL are running in the control panel, and make sure the folder with the correct files are located in the HTDOCS folder.
2. Then click on MySQL Admin to open up PHPmyadmin to add your SQL file



3. To add your sql file click on import then Choose File and locate your file then at the bottom right press GO



4. Type into google 'localhost/YOURFOLDER/' to access the page.
5. You will arrive at the main page. Here you can see the Ambient items and by clicking the other categories you can go through it.



- To add a new product simply press the ADD PRODUCT button and you will be transferred to the add products page. (In the example below you can see that I put apples)

Shopping List Manager

Add Product

Category: Ambient

Code: A

Name: apples

List Price: 2.95

Add Product

[View Product List](#)

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7. When the product is added it will be added to the database

Shopping List Manager

Shopping List

Categories: Ambient, Frozen, Chilled

Ambient

| Code | Name | Price | | |
|------|--------|-------|--------|--------|
| BRD | Bread | 6.50 | Delete | Modify |
| TE | Tea | 9.75 | Delete | Modify |
| Man | Mango | 9.75 | Delete | Modify |
| A | apples | 2.95 | Delete | Modify |

Add Product

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phpMyAdmin

Database: shopping_database

Table: products

Showing rows 0 - 7 (8 total, Query took 0.0002 seconds)

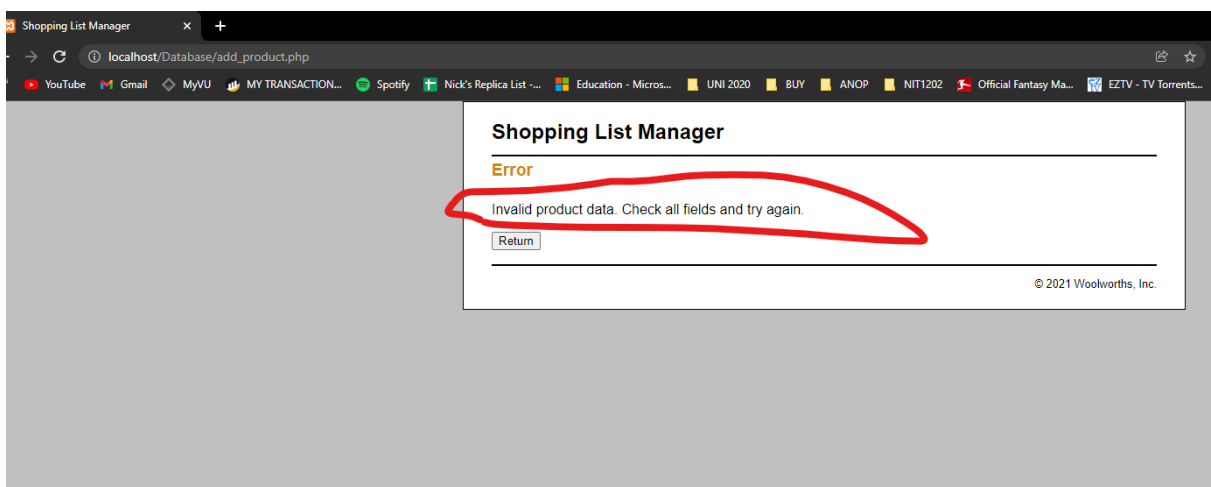
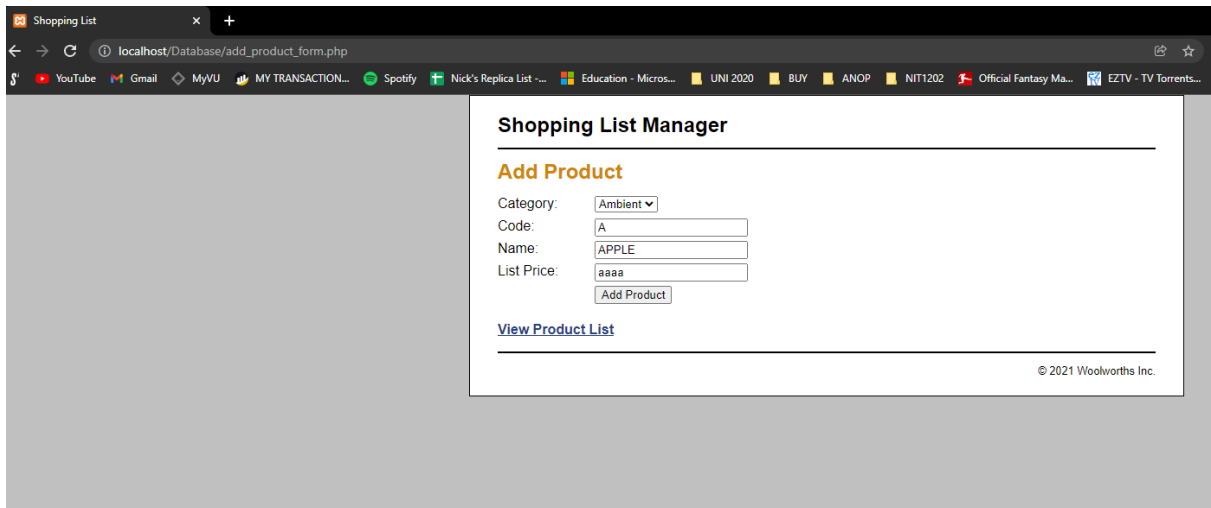
SELECT * FROM 'products'

Options: productID, categoryID, productCode, productName, listPrice

| productID | categoryID | productCode | productName | listPrice |
|-----------|------------|-------------|-------------|-----------|
| 1 | 1 | | | |
| 2 | 1 | | | |
| 3 | 1 | | | |
| 4 | 2 | | | |
| 5 | 2 | IC | Ice Cream | 8.99 |
| 6 | 3 | CRD | Custard | 9.99 |
| 7 | 3 | MLK | Milk | 3.49 |
| 8 | 1 | A | apples | 2.95 |

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

8. If there is a wrong data type added or if there is nothing inputted, it will display an error and there is also a return button to go back if you make a mistake.



```
C:\xampp\htdocs\TEST\Shopping_Database.sql - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
index.html connection.php Shopping_Database.sql
1 -- Create and select the database
2 DROP DATABASE IF EXISTS Shopping_Database;
3 CREATE DATABASE Shopping_Database;
4 USE Shopping_Database; -- MySQL command
5
6 -- Create the tables
7 CREATE TABLE categories (
8     categoryID INT(11) NOT NULL AUTO_INCREMENT,
9     categoryName VARCHAR(255) NOT NULL,
10    PRIMARY KEY (categoryID)
11 );
12
13 CREATE TABLE products (
14     productID INT(11) NOT NULL AUTO_INCREMENT,
15     categoryID INT(11) NOT NULL,
16     productCode VARCHAR(10) NOT NULL UNIQUE,
17     productName VARCHAR(255) NOT NULL,
18     listPrice DECIMAL(10,2) NOT NULL,
19     PRIMARY KEY (productID)
20 );
21
22 CREATE TABLE orders (
23     orderID INT(11) NOT NULL AUTO_INCREMENT,
24     customerID INT NOT NULL,
25     orderDate DATETIME NOT NULL,
26     PRIMARY KEY (orderID)
27 );
28
29 -- Insert data into the database
30 INSERT INTO categories VALUES
31 (1, 'Ambient'),
32 (2, 'Frozen'),
33 (3, 'Chilled');
34
35 INSERT INTO products VALUES
36 (1, 1, 'Brd', 'Bread', '6.50'),
37 (2, 1, 'te', 'Tea', '9.75'),
38 (3, 1, 'Man', 'Mango', '9.75'),
39 (4, 2, 'FF', 'Frozen Fruit', '6.59'),
40 (5, 2, 'IC', 'Ice Cream', '8.99'),
41 (6, 3, 'Crd', 'Custard', '9.99'),
42 (7, 3, 'Mlk', 'Milk', '3.49');
43
44 -- Create the users and grant privileges to those users
45 GRANT SELECT, INSERT, DELETE, UPDATE
46 ON Shopping_Database.*
47 TO mgs_user@localhost
48 IDENTIFIED BY '';
49
50 GRANT SELECT
51 ON products
52 TO mgs_tester@localhost
53 IDENTIFIED BY '';
54
Structured Query Language file length: 1,425 lines: 54 Ln: 1 Col: 1 Pos: 1 Unix (LF) UTF-8 INS
```

SQL CODE

The screenshot shows the phpMyAdmin interface for a database named 'shopping_database'. The left sidebar displays a tree of databases, with 'shopping_database' selected. The main panel shows the 'Structure' tab, which lists the tables in the database: 'categories', 'orders', and 'products'. Each table entry includes icons for actions like 'Browse', 'Structure', 'Search', 'Insert', 'Empty', and 'Drop'. Below the table list, there is a 'Create table' section with a 'Name' field and a 'Number of columns' field set to 4. The 'Go' button is visible at the bottom of this section.

DATABASE IN PHPMYADMIN

TEST REPORT

| What is being tested? | What is the expected result? | What is the actual result? | Any Fix? (Y/N) |
|--|---|--|--|
| When pressing 'Add item' on the shopping form without any data, an error will occur. | An error occurs saying there are no items in the shopping list | An error occurs saying "There are no items in the shopping list" | N |
| Trying to promote the 1st item on the Shopping form page | An error occurs saying that the 1st item in the list cannot be promoted, since it is the only one, and on top | An error occurs saying "You can't promote the first item" | N |
| The shopping list can have multiple items. (More than 2) | The shopping list can handle and display more than 2 items. | The shopping list can handle and display more than 2 items. | N |
| In the Shopping List Manager, a record is displayed in the phpmyadmin database | A record is displayed in the phpmyadmin database | A record is displayed in the phpmyadmin database | N |
| In the shopping List Manager, pressing the modify button modifies the entry. | The modify button modifies the entry. | The modify button deletes the entry | N, not sure on where to fix. |
| Entering invalid data will display an error page and there is a return button to go back to the add product page | The return button brings back to the add product page when pressed from the error page. | The return button brings back to the add product page | Y, it was not working beforehand, now it is resolved |

