**product\_manager\index.php –**

<?php

try {

require('../model/database.php');

require('../model/product\_db.php');

require('../model/category\_db.php');

$action = filter\_input(INPUT\_POST, 'action');

if ($action == NULL) {

$action = filter\_input(INPUT\_GET, 'action');

if ($action == NULL) {

$action = 'list\_products';

}

}

if ($action == 'list\_products') {

$category\_id = filter\_input(INPUT\_GET, 'category\_id',

FILTER\_VALIDATE\_INT);

if ($category\_id == NULL || $category\_id == FALSE) {

$category\_id = 1;

}

$category\_name = get\_category\_name($category\_id);

$categories = get\_categories();

$products = get\_products\_by\_category($category\_id);

include('product\_list.php');

} else if ($action == 'delete\_product') {

$product\_id = filter\_input(INPUT\_POST, 'product\_id',

FILTER\_VALIDATE\_INT);

$category\_id = filter\_input(INPUT\_POST, 'category\_id',

FILTER\_VALIDATE\_INT);

if ($category\_id == NULL || $category\_id == FALSE ||

$product\_id == NULL || $product\_id == FALSE) {

$error = "Missing or incorrect product id or category id.";

include('../errors/error.php');

} else {

delete\_product($product\_id);

header("Location: .?category\_id=$category\_id");

}

} else if ($action == 'show\_add\_form') {

$categories = get\_categories();

include('product\_add.php');

} else if ($action == 'add\_product') {

$category\_id = filter\_input(INPUT\_POST, 'category\_id',

FILTER\_VALIDATE\_INT);

$code = filter\_input(INPUT\_POST, 'code');

$name = filter\_input(INPUT\_POST, 'name');

$price = filter\_input(INPUT\_POST, 'price');

if ($category\_id == NULL || $category\_id == FALSE || $code == NULL ||

$name == NULL || $price == NULL || $price == FALSE) {

$error = "Invalid product data. Check all fields and try again.";

include('../errors/error.php');

} else {

add\_product($category\_id, $code, $name, $price);

header("Location: .?category\_id=$category\_id");

}

}

else if ($action == 'list\_categories') {

$categories = get\_categories();

include ('category\_list.php');

}

else if ($action == 'delete\_category') {

$category\_id = filter\_input(INPUT\_POST, 'category\_id',

FILTER\_VALIDATE\_INT);

if ($category\_id == NULL || $category\_id == FALSE) {

$error = "Missing or incorrect category id.";

include('../errors/error.php');

} else {

delete\_category($category\_id);

header("Location: .?action=list\_categories");

}

}

else if ($action == 'add\_category') {

$name = filter\_input(INPUT\_POST, 'name');

if ($name == NULL) {

$error = "Invalid category data. Check all fields and try again.";

include('../errors/error.php');

} else {

add\_category($name);

header("Location: .?action=list\_categories");

}

}

}

catch (PDOException $e) {

$error\_message = $e->getMessage();

include('../errors/database\_error.php');

exit();

}

?>

**product\_manager\category\_list.php –**

<?php include '../view/header.php'; ?>

<main>

<h1>Category List</h1>

<table>

<tr>

<th>Name</th>

<th>&nbsp;</th>

</tr>

<!-- add category rows here -->

<?php foreach ($categories as $category) : ?>

<tr>

<td><?php echo $category['categoryName']; ?></td>

<td><form action="." method="post">

<input type="hidden" name="action"

value="delete\_category">

<input type="hidden" name="category\_id"

value="<?php echo $category['categoryID']; ?>">

<input type="submit" value="Delete">

</form></td>

</tr>

<?php endforeach; ?>

</table>

<h2>Add Category</h2>

<!-- add code for form here -->

<form action="index.php?action=add\_category" method="post"

id="add\_category\_form">

<label>Name:</label>

<input type="text" name="name">

<label>&nbsp;</label>

<input type="submit" value="Add"><br>

</form>

<p><a href="index.php?action=list\_products">List Products</a></p>

</main>

<?php include '../view/footer.php'; ?>

**model\database.php –**

<?php

$dsn = 'mysql:host=localhost;dbname=my\_guitar\_shop1';

$username = 'mgs\_user';

$password = 'pa55word';

$options = array(PDO::ATTR\_ERRMODE => PDO::ERRMODE\_EXCEPTION);

$db = new PDO($dsn, $username, $password, $options);

?>

**product\_catalog\product\_list.php –**

<?php include '../view/header.php'; ?>

<main>

<aside>

<h1>Categories</h1>

<!-- display links for all categories -->

<?php include '../view/categories\_nav.php'; ?>

</aside>

<section>

<h1><?php echo $category\_name; ?></h1>

<ul class="nav">

<!-- display links for products in selected category -->

<?php foreach ($products as $product) : ?>

<li>

<a href="?action=view\_product&amp;product\_id=<?php

echo $product['productID']; ?>">

<?php echo $product['productName']; ?>

</a>

</li>

<?php endforeach; ?>

</ul>

</section>

</main>

<?php include '../view/footer.php'; ?>

**product\_catalog\product\_view.php –**

<?php include '../view/header.php'; ?>

<main>

<aside>

<h1>Categories</h1>

<!-- display links for all categories -->

<?php include '../view/categories\_nav.php'; ?>

</aside>

<section>

<h1><?php echo $name; ?></h1>

<div id="left\_column">

<p>

<img src="<?php echo $image\_filename; ?>"

alt="<?php echo $image\_alt; ?>" />

</p>

</div>

<div id="right\_column">

<p><b>List Price:</b> $<?php echo $list\_price; ?></p>

<p><b>Discount:</b> <?php echo $discount\_percent; ?>%</p>

<p><b>Your Price:</b> $<?php echo $unit\_price\_f; ?>

(You save $<?php echo $discount\_amount\_f; ?>)</p>

<form action="<?php echo '../cart' ?>" method="post">

<input type="hidden" name="action" value="add">

<input type="hidden" name="product\_id"

value="<?php echo $product\_id; ?>">

<b>Quantity:</b>

<input id="quantity" type="text" name="quantity"

value="1" size="2">

<br><br>

<input type="submit" value="Add to Cart">

</form>

</div>

</section>

</main>

<?php include '../view/footer.php'; ?>

**view\categories\_nav.php –**

<nav>

<ul>

<!-- display links for all categories -->

<?php foreach($categories as $category) : ?>

<li>

<a href="?category\_id=<?php echo $category['categoryID']; ?>">

<?php echo $category['categoryName']; ?>

</a>

</li>

<?php endforeach; ?>

</ul>

</nav>