PHP: Using Checkboxes and Radio Buttons

Dapper Dogs offers a basic dog wash service as well as extras such as flea rinse and nail clipping.

**Scope**

An electronic form which displays the basic charges for a dog washing service and allows the customer to choose which extras they want will make the process of data gathering much quicker and more accurate. The form will also gather the payment methods, the number of dogs to be washed and a pensioner discount.

The solution will not save any data to an external file or add to a database. Rather the solution is a prototype.

|  |  |
| --- | --- |
| FR01 | Basic charge is $18 for one dog but $15 each for two or more dogs. |
| FR02 | Customers will indicate if they want a flea rinse or not; the rinse incurs an extra charge of $5. |
| FR03 | Customers will indicate if they want the fur to be blowdried or not; the blowdry incurs an extra charge of $5. |
| FR04 | Customers will indicate if they want nails clipped or not; the clipping incurs an extra charge of $10. |
| FR05 | The customers will indicate if they want long lasting, fresh cologne added to the rinse water. This incurs no extra charge. |
| FR06 | Pensioners are given a 10% discount |
| FR07 | Customers must choose from MasterCard, Visa or cash as a payment method. |
| FR08 | Dogwash workers can return to the main form to enter further data and all choices are cleared. |

|  |  |
| --- | --- |
| NFR01 | Instructions must be clear and create no ambiguity. |
| NFR02 | Charges are displayed as currency and must be displayed with a $ sign and two decimal places. |
| NFR03 | The source code is copyright to Dapper Dogs. |
| NFR04 | Updateability: The source code is clearly documented to allow changes to be made efficiently. |
| NFR05 | All calculations must be accurate. |
| NFR06 | Messages must be clear and unambiguous. |

Below is some sample code to get you started.

The HTML form, if you choose to use it. Notice that there are several fieldset tags. This is done to separate the form into logical elements.

Here is some of the PHP code.

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title> Form</title>

<link rel="stylesheet" type = "text/css" media="screen" href="teal.css" >

</head>

<body>

<header>

<h1>Dapper Dogs</h1>

<hgroup>

<h4> Dog Wash Service</h4>

<h4>Wash, blowdry, flea rinse</h4>

</hgroup>

</header>

<form class="contact\_form" action="dog.php" method="post" name="contact\_form">

<ul>

<li>

<h2>Customer Information</h2>

<span class="required\_notification">\* Denotes Required Field</span>

</li>

<li><!-- number - needs further validation -->

<label for="numDogs">How many dogs need the hydrobath?</label>

<input type="number" size = "2" name="numDogs" min="1" max="5" placeholder="4" required />

<span class="form\_hint">A whole number between 1 and 6 only</span>

</li>

<li> <!-- checkboxes -- fieldset and legend optional -->

<fieldset class ="checkbox">

<legend>Extras </legend>

<label for="fleas"> <input type="checkbox" name="chkFleas" class = "checkbox " value = "5" />Flea Rinse </label>

<!--<span class="form\_hint">Proper format "http://someaddress.com"</span> -->

<p><label for="blowdry"><input type="checkbox" name="chkBlowdry" class = "checkbox" value = "5" />Blowdry</label>

</p>

<p><label for="nails"><input type="checkbox" name="chkNails" class = "checkbox" value = "10" />Nail Clipping</label>

</p>

<p><label for="cologne"><input type="checkbox" name="chkCologne" class = "checkbox" value = "0" />Fresh Longlasting Cologne</label>

</p>

</fieldset>

</li>

<li> <!-- checkboxes -- for pensioner discount -->

<fieldset class ="checkbox">

<legend>Are you a pensioner? </legend>

<label for="pensioner"> <input type="checkbox" name="chkPensioner" class = "checkbox " value = "Yes" />Yes </label>

<!--<span class="form\_hint">Proper format "http://someaddress.com"</span> -->

</fieldset>

</li>

<li><!-- dropdown list -->

<label for="payment">Method of payment</label>

<select name = "payment" required >

<option value="mastercard">Mastercard </option>

<option value="visa">Visa </option>

<option value="cash">Cash </option>

</select>

</li>

<li>

<button class="submit" type="submit">Submit Form</button>

</li>

</ul>

</form>

</body>

</html>

<?php

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

file: dog.php

called from dog.html

calculate charges and extras for dog care work

Allow the collection of running totals data

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

include('library.inc');

page\_header('Dapper Dogs');

$extras = 0; //initialise this variable

$numDogs = $\_POST['numDogs'];

if($numDogs >=5)

{

*missing\_code*

}

else

{

*missing\_code*

}

if(isset($\_POST['chkFleas'])&& $\_POST['chkFleas'] == '5' )

{

$extras += 5;

$msg1 = "Customer has requested flea rinse.<br />";

echo "<br />$msg1 <br />";

}

if(isset($\_POST['chkBlowdry']) && $\_POST['chkBlowdry'] == '5')

{

*missing\_code*

$msg2 = "Customer has requested a blowdry.<br />";

echo "<br />$msg2";

}

if(isset($\_POST['chkNails'])&& $\_POST['chkNails'] == '10' )

{

*missing\_code*

$msg3 = " *missing\_code*";

echo "<br />$msg3";

}

if(isset($\_POST['chkCologne']) && $\_POST['chkCologne'] == '0')

{

*missing\_code*

$msg4 = "Customer has requested free cologne.<br />";

*missing\_code*

}

//manage pensioner checkbox

$discount = 0;

if(isset($\_POST['chkPensioner']) && $\_POST['chkPensioner'] == 'Yes')

{

*missing\_code*

$msg5 = "You have selected the pension discount.";

echo "$msg5<br />";

}

//manage payment method

$payment = $\_POST['payment'];

if(isset($\_POST['payment']) )

{

$msg6 = " *missing\_code*";

echo "$msg6<br />";

}

echo "Extras come to \$$extras<br />";

*missing\_codeto calculate the charges*

page\_footer('DapperDogs');

?>

You will need a library.inc file and a css file.