

Example 5-7. The `dog_interface.php` file with exception logging and e-mail

```

<?php
const USER_ERROR_LOG = "User_Errors.log";
const ERROR_LOG = "Errors.log";

function clean_input($value)
{
    $value = htmlentities($value);
        // Removes any html from the string and turns it into &lt; format
    $value = strip_tags($value);
    if (get_magic_quotes_gpc())
    {
        $value = stripslashes($value);        // Gets rid of unwanted slashes
    }
    $value = htmlentities($value);        // Removes any html from the string
        and turns it into &lt; format
    $bad_chars = array( "{", "}", "(", ")", ";", ":", "<", ">", "/", "$" );
    $value = str_ireplace($bad_chars,"",$value);
    return $value;
}

class setException extends Exception {
    public function errorMessage() {
        list($name_error, $breed_error, $color_error, $weight_error) = explode(',', $this->getMessage());
        $name_error == 'TRUE' ? $eMessage = ' ' : $eMessage = 'Name update not successful<br/>';
        $breed_error == 'TRUE' ? $eMessage .= ' ' : $eMessage .= 'Breed update not successful<br/>';
        $color_error == 'TRUE' ? $eMessage .= ' ' : $eMessage .= 'Color update not successful<br/>';
        $weight_error == 'TRUE' ? $eMessage .= ' ' : $eMessage .= 'Weight update not successful<br/>';
        return $eMessage;
    }
}

function get_dog_app_properties($lab)
{
    print "Your dog's name is " . $lab->get_dog_name() . "<br/>";
    print "Your dog weights " . $lab->get_dog_weight() . " lbs. <br />";
    print "Your dog's breed is " . $lab->get_dog_breed() . "<br />";
    print "Your dog's color is " . $lab->get_dog_color() . "<br />";
}

//-----Main Section-----
try {
    if ( file_exists("e5dog_container.php"))
    {
        Require_once("e5dog_container.php");
    }
    else

```