```
        } else {
            print "System Error #2";
        } else {
print "<p>Missing or invalid parameters. Please go back to the lab.html page to enter valid
information.<br />";
print "<a href='lab.html'>Dog Creation Page</a>";
} }
```

The program then creates an instance of dog_container ($container) that passes the value in $dog_app into the $container object. Each of the properties of the Dog object are filtered using the clean_input method. Then the properties are passed into the $properties_array array. The array is then passed into the create_object method of the dog_container object ($container). If the Dog object ($lab) is created successfully then the error_check_dog_app method is called to verify that each property has valid information. The get_dog_app_properties method is called to display each property.

If any of the properties needed for the Dog object are missing, the user is requested to return to the lab.html page to re-enter the required information.

```
else
{ //get breeds
     $container = new dog_container("selectbox");
     $properties_array = array("selectbox");
     $lab = $container->create_object($properties_array);
if ($lab != FALSE)
        {
     $container->set_app("breeds");
     $dog_app = $container->get_dog_application();
     $method_array = get_class_methods($lab);
      $last_position = count($method_array) - 1;
      $method_name = $method_array[$last_position];
      $result = $lab->$method_name($dog_app);
        if ( $result == FALSE) // select box not created
        {
          print "System Error #3";
        }
        else
        {
           print $result; // select box created!
        }
     }
     else
     {
     print "System Error #4";
     }
```

If the $dog_app value is not passed in to the class, the else statement is executed. It is assumed that the user wants to create a getBreeds object. An instance of the dog_container is created ($container) and it passes the value selectbox. (If the object can't be created, "System Error #4" will display). The words "selectbox" are passed into the array $properties_array (Note: The array keyword must be used or you would be creating a property not an array.) The container object ($container) will then call the create_object (passing the $properties_array to create an instance of the getBreeds class ($lab). If the getBreeds object is successfully created ($lab !=FALSE) you then need to find the location of the get_breeds.xml file (which

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