

Assessment 1 – Class-based PHP

**Assessment:** Based on the PHP programming language, you are to develop a fully object-oriented web application.

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**Brief: A number of classes spanning several PHP files**

***Main file :***

index.php

***Classes:***

ErrorHandler.class.php

StockCheck.class.php

Validator.class.php

Inspector.class.php

**Brief: A basic web form to collect some user input.**

*“Index.php”* collect user information in a form, assigned to unique input names

**Brief: A method of passing data into your instantiated classed. Code does not need to be fully OO.**

The superglobal “*\_\_GET* “ is used to pass the full array to a form validation class “*Validator.class.php*” which instantiates another error handler class *“ErrorHandler.class.php”.*

The error handler class provides methods to the calling validator class for determining if the input passes all the criteria for user input checking.

**Brief: A selection of functions which accept user supplied data and use this to create a custom response.**

The “*StockCheck.class.php”* contains the methods to accept user input and supply user response once input validation and error checking has been done using the other methods.

**Brief: One or more functions to report the result of the query back to the user.**

*“Validator.class.php”* will pass results of user input back to the user if input fails criteria set.

*“StockCheck.class.php*” will use “setter” “getter” to instantiate the object based on user input and return the value to the calling *“index.php”.*