

## WE03 Server Side Scripting

### Summary Sheet

Student Name:	
Class name:	
Tutor Name:	

<b>Overall</b>	
<b>Y   N</b>	Completed project meets all the requirements of the brief?
<b>Y   N</b>	Documentation presented to tutor prior to production.
<b>Y   N</b>	Completed project contains all content and functionality described in the documentation
<b>Y   N</b>	Complete project handed in by deadline.
<b>Y   N</b>	All code is the sole work of this student
<b>Outcome</b>	
<b>Y   N</b>	Redos required. Deadline 1: ..... Deadline 2: .....
<b>Y   N</b>	This project meets all the required standards to pass
	<b>Comments</b>
<div style="display: flex; justify-content: space-between;"> <div>Signed:</div> <div>Date:</div> </div>	

## WE03 Server Side Scripting

### Indicative Points:

Student checks left box, tutor confirms in right box.

#### PHP

<input type="checkbox"/>	<input type="checkbox"/>	Written in OOP style
<input type="checkbox"/>	<input type="checkbox"/>	Uses private, public and protected access modifiers appropriately
<input type="checkbox"/>	<input type="checkbox"/>	Logic is separated from presentation
<input type="checkbox"/>	<input type="checkbox"/>	Demonstrates understanding of error handling
<input type="checkbox"/>	<input type="checkbox"/>	No logic errors are displayed on any publicly accessible pages
<input type="checkbox"/>	<input type="checkbox"/>	Secure data and login indicators are stored in sessions
<input type="checkbox"/>	<input type="checkbox"/>	Database interaction must be through only one, secure script
<input type="checkbox"/>	<input type="checkbox"/>	Use string functions rather than regex where possible
<input type="checkbox"/>	<input type="checkbox"/>	All functionality described in the technical documentation is included
<input type="checkbox"/>	<input type="checkbox"/>	Forms are validated client side and server side, with helpful error reporting
<input type="checkbox"/>	<input type="checkbox"/>	Forms are sticky
<input type="checkbox"/>	<input type="checkbox"/>	Project includes all CRUD – ie Create, Read, Update and Delete data from database

#### SQL

<input type="checkbox"/>	<input type="checkbox"/>	Database has been designed and approved before PHP coding
<input type="checkbox"/>	<input type="checkbox"/>	Only one connection to database per script
<input type="checkbox"/>	<input type="checkbox"/>	SQL key words are capitalised
<input type="checkbox"/>	<input type="checkbox"/>	Mysqli or PDO is used. Mysql function must be avoided
<input type="checkbox"/>	<input type="checkbox"/>	All tables have a primary id field
<input type="checkbox"/>	<input type="checkbox"/>	Fields have appropriate data types
<input type="checkbox"/>	<input type="checkbox"/>	Database is normalised
<input type="checkbox"/>	<input type="checkbox"/>	Tables and field names are self commenting
<input type="checkbox"/>	<input type="checkbox"/>	Searchable fields are indexed
<input type="checkbox"/>	<input type="checkbox"/>	SELECT * is avoided where possible
<input type="checkbox"/>	<input type="checkbox"/>	At least two tables are joined in a query

#### Security

<input type="checkbox"/>	<input type="checkbox"/>	Site must not be vulnerable to XSS or SQL injection
<input type="checkbox"/>	<input type="checkbox"/>	All input has been filtered server side
<input type="checkbox"/>	<input type="checkbox"/>	All output has been escaped
<input type="checkbox"/>	<input type="checkbox"/>	No PHP errors are visible on public pages

#### Comments:

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### Best Practices

(<http://yoobee.net.nz/BestPractices>)

#### **Documentation (client documentation not required)**

**Y | N**

Internal Documentation: Documentation standards met

**Comments:**

#### **Design/Usability**

**Y | N**

Design: All Web Communication Design Best Practices standards met.

**Y | N**

Usability: Best Practices standards met

**Comments:**

#### **Coding**

**Y | N**

Code Formatting: Best Practices standards met

**Y | N**

Client side best practices standards met

**Comments:**

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<b>Browsers/Page</b>	
<b>Y   N</b>	IE8+, Chrome Firefox, Safari
<b>Comments:</b>	

<b>Server Side</b>	
<b>Y   N</b>	All server side best practices met
<b>Y   N</b>	All Security best practices met
<b>Y   N</b>	All SQL best practices met
<b>Comments:</b>	