Document Details			
Version Number	**Last Updated**	**Developed/Edited By**	**Validation Date**
1.0	10/10/2016	Ken Beck	2016

Training Package	ICT Information and Communications Technology Training Package
Qualification Title	ICT50715 AWE6 Diploma of Software Development
Cluster Title	Web Programming
Assessment Title	Project

Brief Description of Assessment Task
Practical questions that should be completed at the end of last session.

Units of competency, elements, performance criteria to be assessed:			
State ID	**National ID**	**Competency Title**	**Elements**
AUW85	ICTWEB501	Build a dynamic website	All
AUQ05	ICTWEB502	Create dynamic web pages	All
AUV98	ICTPRG520	Validate an application design against specifications	All

Date of Assessment	See the DAP	**Completed by**	See the DAP
Instructions to Students	The analysis, design, coding, testing and project documentation of a Java application as described on the following page.		
Resources Required	HTTP Server, PHP Editor, MySQL / eCampus / Internet		
Instructions to Lecturer/Assessor	Collect and assess all the questions in this tool.		
Lecturer's Details	Name: Ken Beck Email: Ken.Beck@smtafe.wa.edu.au Location: Thornlie Campus		

Students to sign this document when submitting an assessment

Date Submitted	
Student Declaration:	• I have read and understand the details of the assessment. • I have been informed of the conditions of the assessment and the appeals process. • I agree to participate in this assessment. • I certify that the attached is my own work.

Student ID	Student Name	Student Signature

Assessment Feedback (Lecturer and Student Copy)			
Assessment Title	Project		
Candidate name		**Attempt No**	
Assessor name			
Performance demonstrated by this assessment is	Satisfactory ☐		Not Yet Satisfactory ☐
Assessment outcome and feedback received on	Date:		

Assessor Comments:

Candidate signature: *(once feedback has been received)*		**Date**	
Assessor signature: *(once feedback has been provided)*		**Date**	

Assessment Specification

NOTE:

- There are different types of questions
    - If the question requires performing some processes, screenshots are required.
    - Programming and testing require screenshots of programs running.
    - If answering a question is required, write your answers in MS-WORD files.
    - With all other types of questions, save your answers appropriately.
    - All programming code must be well formatted.
    - No syntax errors, no unnecessary commented code are accepted.
- Zip all your files into a single .zip file before submit.
    - Save your zip file as the submit name, e.g. Project.zip.
- **Cheating and plagiarism may result in unit re-enrol.**

The SMT Movie Rental needs a system for its clients to search movies online. You are required to develop an online movie search application.

Specifications and Requirements

- Develop the application with PHP and MySQL.
- The SMT Movie Rental provided an MS-Excel file that contains the list of movies to be used in the application.
    - The file contains around 2300 movies. You will need to find a way to generate SQL scripts to store the records in an appropriate database format, MySQL database. The application will access the movies database stored in the server.
- The application must have search options as:
    - Search by title, genre, rating and year. For example, Search movies by genre (Comedy or SciFi) with Rating (PG) before 1995.
- The application will display full details of each movie found in a separate page. If no movie is found, the application will display a user-friendly message
- Address what develop and run environment are used, e.g. what tools will be used for design and development. How you will set up server-side environment and database base.
    - Identify any ambiguity in the specifications and requirements, and clarify them before designing the application.
- Design the application
    - Produce the prototype of the user interface in a visual format such as in images or template web site.
    - Provide the database design, e.g. database structure.
    - Save your design separately before developing the application.
- Implement appropriate forms of user inputs and develop the application. Use HTLM forms elements with CSS for your design.
- Provide a test documentation
    - Test your code against the PEAR code standard with an appropriate static analysis tool, e.g. Code Sniffer
    - Test with sample inputs with screenshots. Include testing in various browsers, Chrome and Firefox.
    - Provide an evidence that you adjusted your application base on the test.

- Save and submit your application files
    - Web files. Save the main page as *index.php* in the root directory.
    - The SQL scripts of movies record in a text file as *movies.sql*
    - Your source files must have enough comments
    - Include screenshots of application running.

End of Assessment Tool