Assessment Task 4: Create a Website

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| Course code and name | ICT50118 Diploma of Information Technology |
| Unit code and name | ICTWEB502 Create Dynamic Web Pages  ICTWEB503 Create Web-based Programs |
| Due date | ….. / ….. / ……Week (Students have weeks to complete this task) |
| Resources required | * Notepad++ program * Learner resource * Access to computer and internet |
| Decision making rules | Demonstration of competency will be made by your assessor against the observable criteria included in this book |
| Instructions | * This assessment is an individual open book project * It is to be completed in the classroom * You have 15 hours to complete this task. * You MUST demonstrate to your assessor before uploading your work * You need to zip your folder and upload it onto Moodle * Ensure have recorded the due date * At this time any you can discuss any require reasonable adjustments required with your teacher/assessor. Reasonable adjustment may include an extension of time, oral questions and answers etc. * You must upload your task on Moodle and tick the student declaration. * All questions must be answered |

# Assessment Instrument

The purpose of this Website is to allow users to browse through a range of pre-determined consumer products and register to view or insert products.

While all users can view the basic information and products on the Website, only registered users that have logged in to the Website are permitted to insert a new product.

Account registration is straight forward only requiring the admin to provide an email address, a password of their choosing and their country of residence. After registration, the admin can then login and view/insert products, the admin also can update the password, and logout from the application.

Part 1: review technicque requirements

1. List out the software programs that you need for this assessment

xampp

1. Identify the Client Site contents in your website

Index.php

1. Identify the Server site Contents in your website

All the sites

Part 2: create database

The database for the Website is to be named as **your own full name** (without any spaces) and is to include two tables as follows:

1. An **accounts** table to store the details of users that register with the Website. This table is to include four fields as follows:
   1. **userId**: An **automatically** generated integer number used to uniquely identify a user record.
   2. **userEmail**: The unique e-mail address of the user that acts as the user name for the account, and is used as part of the login process.
   3. **userPassword**: A user defined combination of a minimum of 4 characters that are used as part of the login process.
   4. **userCountry**: The name of the country of the user that is registering with the Website.
2. A **products** table to store the details of products that are available for review. The table is to include four fields as follows:
   1. **productId**: An **automatically** generated integer number used to uniquely identify a product.
   2. **productName**: A text field to hold the name of the listed product.
   3. **productDescription**: A text field to store a description and features of the product.
   4. **productImage**: A field to hold the name (including extension) of an image file that can be used to display a picture of the product.

Part 3: web application requirements

1. A **registration** page to allow the admin creating his/her account
2. A **login** page that allows the admin to log in, you need to create a session and cookie once the admin logs in.
3. **A view all product page**, anyone can view the **list** of the **products** in the database, and you can view an individual product if you click on the selected one.
4. A **product\_details** page to display the full details and image of a selected product.
5. A **change\_password** page to allow registered admin to change their password.
6. **Insert New Products** page: this page allows the admin to insert a new product and upload an image of the new product
7. A **logout** option that allows a logged in admin to logout of the Website and return to the home page of the website, you need to use sessions and cookies to complete this question.

Part 4: Test the website

1. Test the learners website in a variety of browsers such as:

* Firefox
* Chrome
* Edge (*if applicable*))
* Internet Explorer

Did the learners notice any difference between them? Did the learners need to fix any browser bugs? If so, what did the learners do? Did the learners add some comments to their code to note this?

Please fill the test details for each browser in the table below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pages** | **Google Chrome** | **Microsoft Edge** | **Internet Explorer** | **Comparison of Three Browsers** |
| **Trangchu.php** | good | good | good | good |
| **Index.php** | good | good | good | good |
| **Signin.php** | good | good | good | good |
| **Signout.php** | good | good | good | good |
| **Signup.php** | good | good | good | good |
| **Viewall.php** | good | good | good | good |
| **Productdetails.php** | good | good | good | good |
| **Update.php** | good | good | good | good |
| **Trangchu.html** | good | good | good | good |

Part 5: Demonstrate work and show foundation skills

Learners may be asked to demonstrate their work on their computer and will be asked questions regarding their code and design. Upon answering all questions to a satisfactory level, the learner will be graded as SC.

Learners may show their abilities through out the assignment progress:

* Reading and upstanding the requirements
* Writing the text contents for the website
* Communicate with your assessor, and answer the questions of the assessor(s)
* Get assignment done within due date

Upload and submit all files

In the **Assessment 6** folder include the **.html** files**, .css** files, from Part 1 and Part 4. The learner will need to ZIP this folder into one compressed file and upload and submit to Melbourne Polytechnic LMS (<https://online.melbournepolytechnic.edu.au>).

The learner must agree (via an ‘I confirm’ radio button) with the assessment submission terms and condition in Melbourne Polytechnic LMS prior to the submission.

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## Student Declaration

|  |  |  |  |
| --- | --- | --- | --- |
| Please read, tick and sign below | | | |
| * I declare that the attached assessment I have submitted is my own original work and any contributions from and references to other authors are clearly acknowledged and noted. * This document has been created for the purpose of this assessment only and has not been submitted as another form of assessment at Melbourne Polytechnic or any other tertiary institute. * I have retained a copy of this work for my reference in the event that this application is lost or damaged. * I give permission for Melbourne Polytechnic to keep, make copies of and communicate my work for the purpose of investigating plagiarism and/or review by internal and external assessors. * I understand that plagiarism is the act of using another person’s idea or work and presenting it as my own. This is a serious offence and I will accept that penalties will be imposed on me should I breach Melbourne Polytechnic’s plagiarism policy. | | | |
| Student Signature | Xthanh | Date |  |
| Please note that your assignment will not be accepted unless you have:   * Completed all sections of the assignment * Acknowledged all sources of other people’s contributions including references and Students’ names for group work assessments * Completed all areas of this Student assignment cover sheet. | | | |

## Marking Guide

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| --- | --- | --- | --- |
| Trainer/Assessor to complete the following: | | Yes | No |
| ***Part 1 – The learner needs to answer the following question***   1. List out the software programs that you need for this assessment 2. Identify the Client Site contents in your website 3. Identify the Server site Contents in your website | |  |  |
| ***Part 2 – Create a Database***  The learner needs to create a database with minimum two tables:   1. Accounts table with 4 fields 2. Products table with 4 fields | |  |  |
| ***Part 3 – We Application***  The web application has the minimum 8 pages:   1. A home page 2. A registration page 3. A login page 4. Insert a new product page 5. A view products page 6. View individual product page 7. A page for changing password 8. Logout page | |  |  |
| ***Part 4 – testing the web application***  The learner has correctly filled the testing table in the document template | |  |  |
| ***Part 5 – Demonstrate your work and show your foundation skills***  The learner has proved the abilities throughout the assignment progress:   1. Read and understand the requirements 2. Write the text contents for the website 3. Communicate with your assessor, and answer the questions of the assessor(s) 4. Get assignment done within due date | |  |  |
| Comments and feedback | | | |
|  | | | |
| result | | | |
| ☐ Satisfactory  ☐ Not Satisfactory (resubmission required) – Due date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| Date Assessment Returned |  | | |
| Trainer/assessor Name |  | | |
| Trainer/Assessor signature | X | | |