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| **College:** | Sydney Tafe - Ultimo | | |
| **Qualification Number & Name:** | Diploma of Website Development | **TAFE**  **Course no:** | ICT50615 |
| **Unit of Competency Number & Name:** | ICTWEB501 Build a dynamic website  ICTWEB502 Create dynamic web pages  ICTWEB503 Create web based programs | | |
| **Assessment Task:** | Create dynamic website | **Assessment Due Date:** | **03/06/20** |

**Assessment Instructions:**

* Complete a website with specifications detailed in the following page
* Fill in this assessment cover sheet and submit with your completed assessment task
* Sign the declaration
* Submit the completed task within the outlined timeframe

Assessment Criteria:

* See list of items needed overleaf.

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| **STUDENT ORIGINALITY DECLARATION:** Please tick to indicate that you understand the following statements:  I declare that:  🞏 The attached assessment is **my own work,** except where I have cited the original source (check with your teacher as appropriate citation is different for different courses).  For the purposes of assessment, I give the assessor of this assessment permission to:  🞏 Reproduce my work and provide a copy to another member of staff, and  🞏 Validate the assessment for its authenticity which may include communicating a copy of my work to a checking service (which may keep a copy of my work on its database for future plagiarism checking). | | | |
| **Student Name:** | **Alex Goulden** | | |
| **Student ID:** | **807135473** | | |
| **Student Signature:** |  | **Date:** | **03/06/20** |

**Scripting 2 Practical Assessment**

You have been tasked with applying some additional functionality to your site - use any multipage website you have created in the past. Building on the site you used for your JavaScript assignment last semester would be suitable. These tasks must be completed in such a way as to ensure the content is still accessible and usable to all. In other words, it needs to degrade gracefully.

Your site will be checked against IE, Chrome, Firefox and mobile devices - so you do need to focus heavily on cross-browser and cross-device issues. You are required to add the following additional functionality, using JavaScript, MySQL (or MariaDB) and PHP to your existing site:

* A functioning **multi-category** forum with database connection to store previous topics and posts. There should be at least **three categories** with topics linked to these topics. When a particular category is selected, **only the topics associated with that category will be displayed**. Ensure all links within the application to test functionality are working i.e. **easily navigate** between categories, topics and related posts.
* A functioning shopping cart that allows users to fill a shopping cart and store the checkout details of the shopper in the database.
  + When someone checks out, it should reduce the inventory in the database.
  + If they decide to remove an item from their cart, it should replace the stock (or not remove it from the database, depending on where you decide to update the information).
  + Optional: have the quantity of items in drop down list populated from the database.
* Include at least one AJAX feature.

Make sure the scripts used are properly commented and if you are adapting scripts from elsewhere, give appropriate credit.

You are to have it loaded – database setup and scripts correctly installed - and ready to demonstrate in class on the due date. You may demonstrate your completed project earlier.