# Student Version

| Section A – Program/Course details | | | |
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| **Qualification code:** | ICT50615 | **Qualification title:** | Diploma of Website Development |
| **Unit code:** | (D7)  ICTWEB508  ICTWEB506  ICTICT509  ICTICT515 | **Unit title:** | (Product Development for Clients)  Develop website information architecture  Develop complex cascading style sheets  Gather data to identify business requirements  Verify client business requirements |
| **Department name:** | BDIT, Computer and Information Technology | **CRN number:** | 53453, 53452, 53447, 53448 |

| Section B – Assessment task details | | | |
| --- | --- | --- | --- |
| **Assessment number:** | 2 of 3 | **Semester/Year:** | 2/2019 |
| **Due date:** | 22-Nov-19 | **Duration of assessment:** | 6 sessions |
| **Assessment method** | Project/Report/Portfolio | **Assessment task results** | Ungraded result (S/NS) |
| Other: Click here to enter text. |

| Section C – Instructions to students |
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| **Task instructions:** |
| Learners are required to develop a website for a client. Based on the client’s requirements, Learner has to gather all the information from the client about the website. Once learner received all the requirements of the project, they need to provide an information architecture, summarising all the content back to the client. Learner has to receive approval / feedback from the client before starting the coding and designing of the website.  This project has been divided into 6 parts. Each part must be completed as per the instructions. The 6 parts are as Follows:  Project Brief Part 1 - Identify and Plan the content needs and structure Part 2 - Summarising the overview of the information Part 3 - Approval / Feedback received from the client Part 4 - Design and code the website Part 5 - Test the prototype. Part 6 - Prepare technical documentation for your website  See support documentation for further instruction. |

| Section D – Conditions for assessment | |
| --- | --- |
| **Conditions:**  Student to complete and attach Assessment Submission Cover Sheet to the completed Assessment Task. | |
| - This assessment is to be completed individually. - You must meet all criteria listed in the marking guide to be satisfactory in this task. - You may resubmit this task if not successful within the enrolment period as per Holmesglen conducting  assessment procedure. - The learner may use the internet for research. - The following technologies must be utilised; HTML5, CSS3, PHP, XAMPP / WAMP Server & JavaScript. - You are expected to dedicate time to developing this assessment task both in and out of the classroom. - Development tools should include but are not limited to; Brackets.io or Visual Studio Code, Chrome or Fire Fox  (You have access to these tools in labs or they can be downloaded). - You must submit; All required working files, documentation and any other assets that you feel may be required in a zipped file. - This Assessment task must be uploaded to Brightspace along with a complete and signed coversheet.  - You may resubmit this task if not successful within the enrolment period as per Holmesglen conducting  assessment procedure. - This is an individual task. However, you are required to get information, feedback and ideas from your assessor, peers and industry to help complete the assessment planning guide.  - It is expected all documents will be completed and submitted electronically but if this is not possible, make alternative arrangements for submitting the documents with your assessor. - You will have the opportunity to resubmit if any part of the assessment is deemed unsatisfactory (one resubmit allowed per task). - You can appeal an assessment decision according to the Holmesglen Assessment Complaints and Appeals Procedure. - If you feel you require special allowance or adjustment to this task, please decide with your assessor within one week of commencing this assessment. - The learner may use the internet research answers for this assessment. | |
| **Equipment/resources students must supply:** | **Equipment/resources to be provided by the RTO:** |
| HTML JavaScript CSS Xampp/Wamp Server | Computer Code Editor Browsers Internet Connection |

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| Section E – Marking Sheet - Student Answer Sheet | | | |
| **Student ID:** | 100598369 | **Student name:** | Amberle Seidl |
| **Unit code:** | (D7)  ICTWEB508  ICTWEB506  ICTICT509  ICTICT515 | **Unit title:** | (Product Development for Clients)  Develop website information architecture  Develop complex cascading style sheets  Gather data to identify business requirements  Verify client business requirements |
| **Date:** |  | | |

**Portfolio task**

| **Criteria for assessment** | | **Satisfactory** | | **Comment** |
| --- | --- | --- | --- | --- |
| **Yes** | **No** |
| **The following has been submitted for assessment:** | | | | |
| Assessment Documentation Part 1 – Identify and Plan the content needs and structure | |  |  |  |
| Assessment Documentation  Part 2 – Summarising the overview of the information | |  |  |  |
| Assessment Documentation Part 3 - Approval / Feedback received from the client | |  |  |  |
| Assessment Documentation/Working Files Part 4 - Design and code the website | |  |  |  |
| Assessment Documentation/Working Files Part 5 - Test the prototype | |  |  |  |
| Assessment Documentation/Working Files Part 6 - Prepare technical documentation for your website | |  |  |  |
| **Marking criteria:** Assessment Documentation Part 1 - Identify and Plan the content needs and structure: Criteria below relate to the project requirements in Part 1 | | | | |
| 1. | Learner Identify the strategic intend of the website from the client’s business requirements and completed the following task   * List the client’s business services. * Identify and develop the information requirements for the website based on the intended audiences, types of client interactions and the long term / short term goals for the website. * Identify any security access requirements. * Identify information repositories across the business |  |  |  |
| 2. | Review the existing documentation |  |  |  |
| 3. | Identify the technologies that will need to be utilised |  |  |  |
| 4. | Gather the relevant following information using these techniques:   * Interview * Questionaries |  |  |  |
| 5 | Clients brief specified |  |  |  |
| 6 | Overall look and feel for the website |  |  |  |
| 7 | How many screens or pages? |  |  |  |
| 8 | What platform(s)/ devices? |  |  |  |
| 9 | What content and assets does your design require? |  |  |  |
| 10 | What file formats learner need to provide when finalise the design? |  |  |  |
| **Marking criteria:**  Assessment Documentation  Part 2 - Summarising the overview of the information | | | | |
| 1. | Summarise an overview of the information required to meet the goals of the project. |  |  |  |
| 2. | Determine the content required based on the intended audience |  |  |  |
| 3. | Learner structured the content, created the sitemap and check data to confirm the sequence of hierarchy |  |  |  |
| 4. | Create a range of technically feasible and range of ideas for the initial design   * Ensure that the labels are clear, consistent, coherent and relatively intuitive for the client to access |  |  |  |
| 5. | Based on the sitemap, create a navigation system using wireframes or mood board   * Ensure ease of navigation on the site, and provide different ways of searching, while providing feedback to the client * Ensure that navigation is accessible |  |  |  |
| 6 | Sketch a Flow Chart |  |  |  |
| 7 | Sketch a Logo Concept 1 |  |  |  |
| 8 | Sketch a Logo Concept 2 |  |  |  |
| 9 | Wireframes ideas (a wireframe for each unique layout)  sketch or use https://moqups.com |  |  |  |
| 10 | Wireframes ideas |  |  |  |
| 11 | Mood board option 1 |  |  |  |
| 12 | Mood board option 2 |  |  |  |
| 13 | Constructed the prototype of the information architecture design  Created a project plan and submit to the client |  |  |  |
| **Marking criteria:**  Assessment Documentation  Part 3 - Approval / Feedback received from the client | | | | |
| 1. | Get feedback on your initial design and suitability to the brief in a critique session and choose your direction |  |  |  |
| 2. | Confirm business requirements and sign off prototype |  |  |  |
| 3. | Adjust navigation system based on client feedback and describe any changes necessary |  |  |  |
| 4. | Client sign off the prototype and confirm that current and future business requirements are met |  |  |  |
| **Marking criteria:**  Assessment Documentation/Working Files Part 4 - Design and code the website | | | | |
| 1. | Develop and implement your website based on client’s requirements  Develop CSS to match the user requirements |  |  |  |
| 2. | Make sure the website is responsive |  |  |  |
| 3. | Style and position the elements of the webpage using advanced CSS techniques |  |  |  |
| 4 | Apply the style sheets to multiple pages in a website |  |  |  |
| 5. | Utilize the server-side code to store the information to the database |  |  |  |
| **Marking criteria:**  Assessment Documentation/Working Files Part 5 - Test the prototype | | | | |
| 1. | Validate CSS and HTML files |  |  |  |
| 2. | Access the webpage from three different browsers and ensure webpage is compatible with the browsers and work the same in three browsers. |  |  |  |
| 3. | Provide screen shots of your works. |  |  |  |

| Section F – Feedback to Student | | | | | | |
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| **Has the student successfully completed this assessment task?** | | | | | **Yes** | **No** |
|  |  |
| **Additional Assessor comments (as appropriate):** | | | | | | |
|  | | | | | | |
| **Resubmission allowed:** | **Yes** | **No** | **Resubmission due date:** |  | | |
| **Assessor name:** | Sruthy Korembith | | | | | |
| **Assessor signature:** |  | | | | | |
| **Student signature:** | **Amberle Seidl** | | | | | |
| **Date:** |  | | | | | |

**Supporting document**

# Product Development for Clients: Documentation

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| **Unit code**: | (D7)  ICTWEB508  ICTWEB506  ICTICT509  ICTICT515 | **Unit title:** | (Product Development for Clients)  Develop website information architecture  Develop complex cascading style sheets  Gather data to identify business requirements  Verify client business requirements |
| **Student ID:** | 100598369 | **Student name:** | Amberle Seidl |
| **Date of submission:** |  | **Student signature**: | Amberle Seidl |

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| **Project Brief** Read thought the brief below take note of the needs and requirements outlined in the brief. (Learners do not need to complete any tasks for Part 1. Leaners simple need read and understand the requirements of the brief.) |
| **Introduction**  Learners are required to develop a website for a client. Based on the client’s requirements, Learner has to gather all the information from the client about the website. Once learner received all the requirements of the project, they need to provide an information architecture, summarizing all the content back to the client. Learner has to receive approval / feedback from the client before starting the coding and designing of the website.  **General requirements**  Based on the requirements from the client, you have to be aware of some basic business requirements including:   * Home (Index) page * 3 other pages (minimum) * Ensure correct flow of information architecture * Original logo design * RGB colour mode * Units of Pixels * 72ppi screen resolution * The overall colour scheme and style is up to your own discretion * Fonts must be copyright free - you must record your copyright clearance * Fonts must be suitable for web design: web safe / google fonts / web face font kits * Images must be copyright free - you must record your copyright clearance * You must consider good accessibility and usability standards.   This project has been divided into 6 parts. Each part must be completed as per the instructions. The 6 parts are as Follows: Project Brief Part 1 - Identify and Plan the content needs and structure. Part 2 - Summarising the overview of the information Part 3 - Approval / Feedback received from the client Part 4 - Design and code the website Part 5 - Test the prototype. Part 6 - Prepare technical documentation for your website |
| **Assessment Documentation**  **Part 1 - Identify and Plan the content needs and structure  Criteria below relate to the project requirements in Part 1**  **Based on the information you have gathered from the brief complete the following:** | |

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| **Question/Criteria** | **Answer/satisfactory response** |
| 1. Identify the strategic intend of the website from the client’s business requirements and complete the following task  * List the client’s business services. * Identify and develop the information requirements for the website based on the intended audiences, types of client interactions and the long term / short term goals for the website. * Identify any security access requirements. * Identify information repositories across the business | *The client is a construction company.*  *The offer new builds, extensions (including both outwards extensions and 2nd storey additions), renovations (including kitchen and bathroom).*  *They what to highlight that they are slope building specialists and that they build & install saunas and install spas.* |
| 1. Review the existing documentation. It could be the current website. | *The client sent us some pdf’s which we incorporated into the design phase of the project* |
| 1. Identify the technologies that will need to be utilised in developing the website | *Internet,*  *HTML, CSS, SASS* |
| 1. Gather the relevant information using the following techniques:  * Interview * Questionaries | *What is the purpose of this this website? – what goals, aim do you have? What keywords best describe your business? Pre-existing webpage? Upgrades, re-design, updating, from scratch?*  *The purpose is show case the clients projects and highlight Slope building, Spas & sauna builds and installation.*  *Keywords: Build, Renovate, Extend, Spa, Sauna, Slope.*  *This is a from scratch build with some previous assets available.*  *Who can we ask about the business and what it does? More about the business?*  *The client prepared a short presentation for us which answered a lot of these questions. The presentation was made available to us on the google drive.*  *Do you have any ideas about design / layout? Have you seen any websites that you like the look of?*  *The client was interested in having a simple and slick looking website so they could cater to the young crowd as well as the more established older generations. The client also gave us 3 websites to look at. (as well as providing previous website material)*  *The client also mentioned that they wanted to highlight three services on the homepage*   * *Slope building specialists.* * *Sauna builders and installers* * *Spa installers*   *Target audience, Style guide – company colours, Assets – content, logos, photos, videos, social media, etc… Desktop mobile or tablet – what platform? How many pages / screens, What features? login? Info? Contact? Quote?*  *No style guide was available however assets are uploaded to a shared google drive for us to access. This included a logo and some images as well as previous web site layouts.*  *They also have a Facebook and Instagram accounts. We mentioned that they may want to look at a YouTube channel as well.*  *We will build a responsive website that will work for mobile or desktop. They only need a contact form.*  *Web host yes, no? Hosts – what host do you require, budget for web host, what plan, Domain name, yes no? more then one domain name, any sub domains?*  *Andrew has a friend that is hosting the company website, and they have the domain name.*  *Accessibly requirements. Privacy – if collecting data, how is it used!!! Security*  *We have directed the client to the government website about privacy policy as they will collect data from the contact form.*  *Timeframe, when the site is needed by.*  *Client was happy to leave this up to us. We have agreed on the end of November.*  *Method of contact, best contact.*  *Maily*  [*Maily@amgconstructions.com.au*](mailto:Maily@amgconstructions.com.au) *0433 263 326.*  *Maintenance.*  *The client would like us to continue to maintain the site after it is finished.* |
| 1. What are your client’s requirements?  * Review the reports or other data sources for business information * Document data analysis for review according to organisational standards | *Who can we ask about the business and what it does? More about the business?*  *The client prepared a short presentation for us which answered a lot of these questions. The presentation was made available to us on the google drive*  *We know that it is a construction business.*  *They want to highlight that they are slope building specialists and that they do Sauna builds and also sauna and spa installation.*  *They want to have a contact form.*  *They want to show their services and projects as well.* |
| 1. Overall look and feel for the website | *Simple and slick.*  *To appeal to the younger and older generations* |
| 1. How many web pages required? | *5 pages, Index, About, Contact, Services, Project pages.*  *Using Bootstrap grid layout.* |
| 1. List at least one target platform/ devices and technical requirements? | Desktop / mobile (iOS or Android) |
| 1. What content and assets does your design require? | *Building images, logos* |
| 1. What file formats you are required to provide when finalizing the design? | *.png image file of designs* |
| 1. Approval and Feedback has been obtained from client | *Completed Yes* |

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| **Approval and Feedback** Once you have identified the project requirements obtain approval from your clients representative. | | | | | | |
| Before moving forward learners will need to organize a meeting with their facilitator to obtain approval and feedback before moving on. The following check list is to be complete by the facilitator. | | | | | | |
| **Checklist (To be completed by the learner’s facilitator)** | | | | | **Yes** | **No** |
| 1. The learner has demonstrated a clear understanding of the client’s business and core project needs. | | | | |  |  |
| 1. The learner has a clear understanding of the target platform and technical requirements. | | | | |  |  |
| 1. The learner has Investigate the system environment for the final product and determined how this may impact the user interface. | | | | |  |  |
| 1. The learner has determined necessary dynamic functionality and documentation required. | | | | |  |  |
| 1. The user interface style aligns with the organization requirements. | | | | |  |  |
| **Assessor Name** | *Sruthy Korembith* | **Assessor Signature** | *Insert Signature* | **Date** | *Insert Date* | |

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| **Assessment Documentation**  **Part 2 - Summarising the overview of the information** | |
| 1. Summarize an overview of the information required to meet the goals of the project. | *Need to provide a clear idea about the information required to meet the goals of the project* |
| 1. Determine the content required based on the intended audience | *Based on the end-user provide the required content of the website* |
| 1. Structure the content, create the sitemap and check data to confirm the sequence of hierarchy | *Provide screen shots of the sitemap* |
| 1. Create a range of technically feasible and range of ideas for the initial design.  * Ensure that the labels are clear, consistent, coherent and relatively intuitive for the client to access | *Completed Yes, or No* |
| 1. Based on the sitemap, create a navigation system using wireframes or mood board  * Ensure ease of navigation on the site, and provide different ways of searching, while providing feedback to the client * Ensure that navigation is accessible | *Provide screen shots of the navigation system* |
| 1. Sketch a Flow Chart | *e.g.*  ../Screen%20Shot%202017-01-16%20at%2011.37.09%20am.png |
| 1. Sketch a Logo Concept 1 | *Need to provide a first logo* |
| 1. Sketch a Logo Concept 2 | *Need to provide a second logo* |
| 1. Wireframes ideas (a wireframe for each unique layout) sketch or use <https://moqups.com> | *e.g.* |
| 1. Wireframes ideas 2 | *e.g.* |
| 1. Mood board option 1 | *A screenshot of a cell phone  Description automatically generated* |
| 1. Mood board option 2 | *A screenshot of a social media post  Description automatically generated* |
| 1. Construct the prototype of the information architecture design   Create a project plan and submit to the client | *Create a project plan including all the client’s requirements and submit to the client* |
| **Assessment Documentation  Part 3 - Approval / Feedback received from the client** | |
| 1. Get feedback on your initial design and suitability to the brief in a critique session and choose your direction | *e.g.*   * *Make Changes to logo* * *Set wrapper to centre of the canvas.* * *Add back to top link on menu page* * *Make about us page a two-column page* * *Add more social media buttons to the footer* * *Increase the size of the navigation bar* * *Add text to gallery page*   *Remove bevel effects on home page content layer.* |
| 2. Confirm business requirements and sign off prototype | *Client confirms that the prototype meets the business requirements*  *Completed Yes, or No* |
| 1. Adjust navigation system based on client feedback and describe any changes necessary | *Provide any changes to the navigation system created* |
| 1. Client sign off the prototype and confirm that current and future business requirements are met | *Completed Yes, or No* |

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| **Assessment Documentation/Working Files Part 4 - Design and code the website** | | |
| 1. Develop and implement your website based on client’s requirements   Develop CSS to match the user requirements | *Provide the screen shot of the website Provide also the coding.*  *Completed: Yes, or No* | |
| 1. Make sure the website is responsive | *Provide screen shots of the website in different platforms (such as desktop, tablet and phone)* | |
| 1. Style and position the elements of the webpage using advanced CSS techniques | *Provide coding screenshot* | |
| 1. Apply the style sheets to multiple pages in a website | *Provide coding screenshot* | |
| 1. Utilize the server-side code to store the information to the database | *Provide screen shot and code to connect to the database* | |
| **Assessment Documentation/Working Files Part 5 - Test the prototype** | | |
| 1. Validate CSS and HTML files | ***Validate the files and detect any errors***  ***<screenshot>*** | |
| 1. Access the webpage from three different browsers (Chrome, Firefox, IE) and ensure webpage is compatible with the browsers and work the same in three browsers. | *Test the webpage accessibility with three different browsers.*  *Chrome:*  *Firefox:*  *IE:* | |
| 1. Provide screen shots of all working webpages | *Provide screen shots of each web page.* | |
| 1. Validate CSS and HTML files | ***Validate the files and detect any errors***  ***<screenshot>*** | |
| **Part 6** - Assessment **Documentation/Working Files  Prepare technical documentation for your website** | | |
| 1. Provide a brief introduction of the Organisation | | *Provide a brief introduction of the organization.*  *Key points about the Organisation, what they do etc.* |
| 1. Meet the requirements of the client and ensure that the site content will format in the business and client technical environment | | *Provide a detailed explanation of what is required by the client. Include complete details on how the client wants you to design* |
| 1. Provide the HTML code and briefly explain how this work | | *<screenshot of HTML code>*  *<brief explanation>* |
| 1. Provide the JavaScript code and briefly explain how this work. If it is required by client | | *<screenshot of JavaScript code>*  *<brief explanation>* |
| 1. Explain the steps to create the database if it is required by client | | *Provide an explanation on how you have created the database.* |
| 1. Provide the PHP code and briefly explain how this work. If it is required by client | | *<screenshot of PHP code>*  *<brief explanation>* |

# Assessment Submission Cover Sheet (VET)

Student to complete relevant sections and attach this cover sheet to each assessment task for submission.

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| Student information | | | To be completed by Student |
| **Student name:** | Amberle Seidl | **Student ID:** | 100598369 |

| Program/Course details | | | |
| --- | --- | --- | --- |
| **Qualification code:** | ICT50615 | **Qualification title:** | Diploma of Website Development |
| **Unit code:** | (D7)  ICTWEB508  ICTWEB506  ICTICT509  ICTICT515 | **Unit title:** | (Product Development for Clients)  Develop website information architecture  Develop complex cascading style sheets  Gather data to identify business requirements  Verify client business requirements |
| **Department name:** | BDIT, Computer and Information Technology | **CRN number:** | 53453, 53452, 53447, 53448 |

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| Assessment information | | | To be completed by Student | | | | |
| **Teacher name:** | Sruthy Korembith | | | | | | |
| **Due date:** | 22-Nov-19 | **Date submitted:** | | |  | **Re-submission:** |  |
|  | | | | | | | |
| **Student declaration** | | | |  | | | |
| By submitting this assessment task and signing the below, I acknowledge and agree that:   1. This completed assessment task is my own work. 2. I understand the serious nature of plagiarism and I am aware of the penalties that exist for breaching this. 3. I have kept a copy of this assessment task. 4. The assessor may provide a copy of this assessment task to another member of the Institute for validation and/or benchmarking purposes. | | | | | | | |

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| **Student signature**  For electronic submissions: By typing your name in the student signature field, you are accepting the above declaration. | **Amberle Seidl** |

**Note:**

**Assessor to attach a photocopy of the completed Marking Guide (Section E) from the Student version of the Assessment Task.**

**Final result of the subject/unit will be entered on Banner by the teacher/assessor once all assessment tasks have been assessed.**