Timeline

Description automatically generated

**Portfolio**

**Student Version**

**ICTWEB441**

**Produce basic client-side script**

First published 2021

RTO Works  
[www.rtoworks.com.au](http://www.rtoworks.com.au)

[hello@rtoworks.com.au](mailto:hello@rtoworks.com.au)

**0452 157 557**

© 2021 RTO Works

This resource is copyright. Apart from any fair dealing for the purposes of private study, research, criticism or review as permitted under the *Copyright Act* 1968, no part may be reproduced by any process without written permission as expressed in the RTO Works License Agreement.

The information contained in this resource is, to the best of the project team’s and publisher’s knowledge true and correct. Every effort has been made to ensure its accuracy, but the project team and publisher do not accept responsibility for any loss, injury or damage arising from such information.

While every effort has been made to achieve strict accuracy in this resource, the publisher would welcome notification of any errors and any suggestions for improvement. Readers are invited to write to us at [hello@rtoworks.com.au](mailto:hello@rtoworks.com.au).

IT Works is a series of training and assessment resources developed for qualifications within the Information and Communications Technology Training Package.

A close up of a logo

Description automatically generated

A close up of a logo

Description automatically generated

CONTENTS

[Section 1: Web document requirements 5](#_Toc70927414)

[Section 2: Website design, development and testing **Error! Bookmark not defined.**](#_Toc70927415)

|  |  |
| --- | --- |
| Student name: | Student must include. |
| Assessor: | Student must include. |
| Date: | Student must include. |
| Business this assessment is based on: | Student must include. This may be the case study business provided or a suitable business as advised in the Assessor Marking Guide. |

Section 1: Web document requirements

Complete this section *before* the meeting with the client.

|  |  |
| --- | --- |
| Website information  *Outline the client requirements for the website based on your initial review of the documentation. Illustrate your answer with one actual RTO website. Provide the actual RTO URL and list at least 5 accomplished features from that website which your will incorporate into your website.*  *Student website should model this actual RTO website.* |  |
| Procedures for developing websites.  *Outline the procedures you need to follow to produce websites. This must include language in which the website is to be developed, cyber security procedures and protocols to be followed in relation to website development. (list at least 5 procedures, 3 tools and 3 techniques)* |  |
| Further information  *What else do you need to find out from the client in order to produce their website?*  *Make notes on this to use at your meeting.*  *List at least 5 questions for discussion and justify the needs and methods to acquire these answers.* |  |

Complete this section *following* the meeting with the client, based on your observations.

|  |  |
| --- | --- |
| Client requirements  *Outline the client requirements for the website based on your meeting with the client.*  *List at least 5 questions for discussion, then provide possible answers in Australia context. Include resources, URL to support your answer. (For instance, resource requirements and possible difficulties)* |  |

Section 2: Website design, development and testing

|  |  |  |
| --- | --- | --- |
| Dynamic website design  *You are to design the website based on the client’s requirements.*  *Describe each webpage in few sentences. The rationales and expected outcomes.*  *Create wireframe in Figma.*  *Take screenshots of your wireframes:*   1. *Share Figma link.* 2. *Annotate each screenshot and attach screenshots as appendix* |  | |
| Scripting  *You are required to develop the website using JavaScript to demonstrate the following features (1) ensures accessibility. (*2) form validation, (3) shopping cart (4) [dropdown navigation menu](https://www.w3schools.com/howto/tryit.asp?filename=tryhow_css_js_dropdown) (5) error handling (6) to-do list  *Take screenshots of your website and attach to the end of this document. Your work should include your coding and interface design. Each screenshot should be readable with appropriate size.*  *Annotate each screenshot and provide at least 10 JavaScript comments* |  | |
| Testing  *You are to test the website that you have developed against the required functionality.*  *Describe the testing process you followed to ensure functionality and the changes you made.*  *Take screenshots of your work to attach to your portfolio.*  *List each screenshot here and then attach.* |  | |
| Cyber Security Procedures and Protocols. *Check the website to ensure it is secure and bug free.*   * *List and describe the test procedures you have undertaken. (at least 5)* * *The tests should also follow procedures for cyber security. Describe how you have ensured you follow the procedures.* * *Take 2 screenshots of your work to attach to your portfolio. (as appendix).* |  | |
| Feedback  *Document an email to your assessor here, asking for approval of your website. Your email should include:*  *Github links to your website page and source files (coding)*  *Document at least 3 lessons learnt.*  *3 future improvements* | Answer:  Dear xxx,  I have completed the RTO website. Here is the website URL, and links to source codes. My lesson learnt are: xxxxx  Sincerely  XXX | |
| *Paperclip* Attach: | Screenshots |  |

Last updated: 10 April 2024