

Portfolio of Evidence

SAQA 48872

Skills Programme 7:

Web Development



Growing People...Building Talent...Creating Leaders

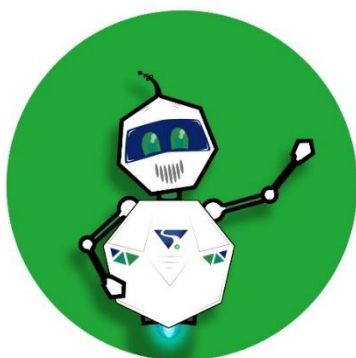
010 612 0679 | www.tlo.co.za | info@tlo.co.za

Learner Full Name	Storm Jamie Paiva
Learner ID Number	0205076015085
Group Name/Company	Buccaneers
Contact Number	0744846754
Email Address	Joelpaiva112233@gmail.com

This Skills Programme is accredited with the following Unit Standards which are extracted from System Development NQF 5, SAQA ID 48872

US TYPE	US ID	US TITLE	LEVEL	CREDITS
Core	115391	Demonstrate an understanding of the principles of the internet and the world-wide-web	4	3
Elective	115372	Demonstrate an understanding of tools and products available for web-site development	5	3
Elective	115369	Design and build a web-site using simple HTML	5	5
Elective	115368	Apply advanced HTML and associated techniques to build a web site for business applications	5	12
Elective	115383	Demonstrate an understanding of the principles of designing and building an e-Commerce web site	5	10
Core	14933	Demonstrate an understanding of creating multimedia/web-based computer applications with scripting	4	6
TOTAL CREDIT VALUE				39

Instructions



- This is an electronic PoE and as such cannot be printed or submitted in hardcopy.
 - Kindly complete all information electronically including your signature.
 - All questions are given enough space for you to complete your answers, should you run out of space kindly write your answer on a separate word document and pdf this document before sending. ENSURE the following is clear on the document;
 - Name & surname,
 - ID,
 - Skills Programme number and Name,
 - Question number
 - Once completed please save your document as follows and submit to your Project and ETQA Representative.
- Your Name – SD5 – SP7 – PoE
- All evidence must be your own work.
 - Complete the declaration of authenticity and reference list

List of Project and ETQA Representatives at The Learning Organisation and their contact information:

Project Representative	ETQA Representative
Confidence Minyuku – confidence@tlo.co.za	Thobile Simelane – thobile@tlo.co.za
Asanda Kotyana – asanda@tlo.co.za	Monetli Ntlatla – monetli@tlo.co.za
Mbali Diphoko – mbali@tlo.co.za	Bonolo Khumalo – bonolo@tlo.co.za
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Valerie Magwali – valerie@tlo.co.za	Claudia Mhlope – consulting@tlo.co.za
or contact them on 010 612 0679	General Enquiries – support@tlo.co.za

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Pre-Assessment Preparation Sheet

This document serves to orientate and prepare you in the assessment(s) that you are about to embark in. It is a map that informs you of the steps involved in the assessment process and will allow you to prepare for your assessment(s), helping to set you at ease, and give you the best opportunity for success.

This document **MUST** be completed by the Learner and reviewed of the Assessor / Facilitator /Project Lead conducting the Pre-Assessment Process:

Programme	SP7		
Unit Standards	115391, 115372, 115369, 115368, 115383, 14933		
Venue of Pre-Assessment Meeting	TLO offices	Date	Wednesday, 06 November 2024
Learner Full Name	Storm Jamie Paiva		
Learner ID	0205076015085		
Facilitator Full Name	William Gondwe		
Assessor Full Name		Assessor Number	
Moderator Full Name		Moderator Number	

Please read the discussion points below. Tick yes, indicating that you have read and understand the information provided. Please contact your Project Lead if you do not understand or need additional information on any of the points below:

Please take note of the following discussion points:	I have read and understand the information provided:		
	Yes	No	Comments
1. Were you welcomed and made to feel at ease?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
2. Was the purpose and objectives of the briefing explained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
3. Was the Assessment process and principles of good assessment is explained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
4. Has the purpose of the assessment been explained to me (The purpose is to determine and recognise my competence against the unit standards in this qualification)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
5. I understand the roles and responsibilities of all parties involved in the assessment i.e. learner, assessor and moderator.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
6. Were you informed of your rights, appeal process and reassessment policies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
7. I will communicate any special or particular needs that may affect my performance during the assessment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
8. I am aware that all evidence has to be valid, authentic, reliable, current and sufficient.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.

Please take note of the following discussion points:	I have read and understand the information provided:		
	Yes	No	Comments
9. I know that I have to complete all sections of this PoE and sign all sections where requested.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
10. The assessor will evaluate the evidence submitted in my PoE against the Unit Standard, Specific Outcomes and their associated Assessment Criteria,	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
11. The submission date of the PoE has been communicated to me (fill in date on the right hand side here)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date: Wednesday, 06 November 2024
12. The Assessor will provide feedback no later than 1 month after the submission date.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
13. If the assessor identifies evidence requirements that I have not met, two opportunities for re-assessment will be provided	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.
14. I understand the recordkeeping and reporting of results.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Enter text Here.

Declaration of Understanding statement:		Yes / No
1. I understand the importance of the Programme/Learnership		Yes
2. I declare that the above-mentioned points of the pre-assessment document were explained by the Assessor/Facilitator/Project Lead		Yes
3. I declare that I have received copies of the qualification, assessment plan, assessment schedule and copies of the relevant policies and procedures pertaining to my assessment		Yes
4. I have read the above and understood the contents thereof		Yes
5. I was given the opportunity to clarify any issues relating to the assessment process and my assessment plan		Yes
6. I have requested this assessment in accordance with my own free will and without duress		Yes
Learner Signature		Date Wednesday, 06 November 2024
Facilitator Signature		Date Wednesday, 06 November 2024
Assessor Signature		Date
Moderator Signature		Date

Assessment Plan

Use the assessment plan to write down the dates on which you plan to meet specific targets. This document **MUST** be completed by the learner and reviewed Assessor / Facilitator / Project Lead conducting the Pre-Assessment Process:

Programme	SP7		
Unit Standards	115391, 115372, 115369, 115368, 115383, 14933		
Learner Name	Storm Jamie Paiva		
Learner ID Number	0205076015085		
Facilitator Name	William Gondwe		
Assessor Name		Assessor ID	
Action	Planned Date	Actual Date	Comments
1. Read and sign Assessment Preparation Sheet.	Wednesday, 06 November 2024	Wednesday, 06 November 2024	Enter text Here.
2. Complete the formative assessments.	Monday, 02 December 2024	Monday, 02 December 2024	Enter text Here.
3. Complete the reflection.	Monday, 02 December 2024	Monday, 02 December 2024	Enter text Here.
4. Complete the summative assessment activities i.e. knowledge questionnaire and practical activities.	Monday, 02 December 2024	Monday, 02 December 2024	Enter text Here.
5. Complete the Assessment Activities Checklist in the Learner Portfolio of Evidence Guide	Monday, 02 December 2024	Monday, 02 December 2024	Enter text Here.

6. Complete the Learner's Review of the Assessment Process in the Learner Portfolio of Evidence Guide	Monday, 02 December 2024	Monday, 02 December 2024	Enter text Here.
7. Submit the PoE	Monday, 02 December 2024	Monday, 02 December 2024	Enter text Here.
I, the learner, hereby agree to the above plan and to commit to preparing for the assessment and submitting the specified documents (in my Portfolio of Evidence) on the dates specified.			
Learner Signature		Date	Wednesday, 06 November 2024
Facilitator Signature		Date	Wednesday, 06 November 2024
Assessor Signature		Date	
Moderator Signature		Date	

Assessment Strategy/Matrix

Unit standard Title: Demonstrate an understanding of the principles of the internet and the world-wide-web (115391)		Formative Activities (FA)		Knowledge Questions (KQ) Practical Workplace Activity (PWA)	
SO #	Specific outcome	AC	Question #	AC	Question #
1	Explain the principles of the internet and the world-wide-web.	AC1 – AC4	FA1	AC2	PWA2
2	Explain how the world-wide-web incorporates the various internet applications.	AC1 – AC3	FA2	AC1 AC3	PWA1 PWA2
Unit standard Title: Demonstrate an understanding of tools and products available for web-site development (115372)		Formative Activities (FA)		Knowledge Questions (KQ) Practical Workplace Activity (PWA)	
SO #	Specific outcome	AC	Question #	AC	Question #
1	Describe the use of HTML editors and other web site design/maintenance tools.	AC1 – AC2 AC3	FA3 FA5		
2	Demonstrate an understanding of web browser plug-ins.	AC2	FA4	AC1 AC2	PWA3 PWA4
Unit standard Title: Design and build a web-site using simple HTML (115369)		Formative Activities (FA)		Knowledge Questions (KQ) Practical Workplace Activity (PWA)	
SO #	Specific outcome	AC	Question #	AC	Question #
1	Apply basic guidelines for the web-page design.	AC1 – AC2 AC3	FA6 FA8	AC3	PWA5
2	Use core HTML to build the web-page.	AC1	FA7	AC4 AC3	PWA5 PWA6

Unit standard Title: Apply advanced HTML and associated techniques to build a web site for business applications (115368)		Formative Activities (FA)		Knowledge Questions (KQ) Practical Workplace Activity (PWA)	
SO #	Specific outcome	AC	Question #	AC	Question #
1	Discuss the need for advanced HTML features.	AC1 – AC2 AC4 AC5	FA9 FA10 FA11	AC3 AC1 – AC5	PWA7 PWA8
2	Demonstrate an understanding of connecting web sites to business applications	AC1 – AC2	FA12	AC4 AC2	PWA7 PWA9
Unit standard Title: Demonstrate an understanding of the principles of designing and building an e-Commerce web site (115383)		Formative Activities (FA)		Knowledge Questions (KQ) Practical Workplace Activity (PWA)	
SO #	Specific outcome	AC	Question #	AC	Question #
1	Explain the business considerations behind developing an e-commerce web site	AC1 AC4	FA13 FA14		
2	Design an e-commerce web site.	AC1	FA15	AC2 – AC3 AC1 – AC3	PWA10 PWA11

Unit standard Title: Demonstrate an understanding of creating multimedia/web-based computer applications with scripting (14933)		Formative Activities (FA)		Knowledge Questions (KQ) Practical Workplace Activity (PWA)	
SO #	Specific outcome	AC	Question #	AC	Question #
1	Plan the use of a multimedia/web-based authoring computer application with scripting.	AC1 – AC5	FA16	AC2 AC3 AC1	PWA12 PWA13 PWA14
2	Design a multimedia/web-based computer application.	AC1 – AC3	FA17	AC2 AC3 AC1	PWA15 PWA16 PWA17
3	Identify and save text, graphic elements and animation	AC1 – AC3	FA18	AC3	PWA18
4	Create multimedia/web-based computer application scripts.	AC1 – AC4	FA19	AC3 AC1	PWA19 PWA20
5	Assemble a multimedia/web-based application including scripts.	AC1 – AC2	FA20	AC4	PWA21

Note: If you do not attempt all your formative assignments, your POE **will not** be sent for assessment and you will not be able to write the Final summative assessment. **A late submission fee may be payable.**

Declaration of Authenticity for Web Development

You MUST complete and sign the declaration as proof that your evidence is your own.

Plagiarism is the act of copying someone else's work and submitting it as your own. This includes text, media and internet. Making small changes to information does not make it your work.

I, **Storm Jamie Paiva** (full name)

0205076015085 (ID number)

declare that I understand what plagiarism is and I attest to the fact that this is my own work. I have signed each page to authenticate my evidence.

The following sources of reference were used to gather evidence (books, people, websites etc):

Tile / Name / Web Address / Other	Question /Assignment Number	Page number
Learner Manual	Text Here	Text Here
Learner Manual	Text Here	Text Here
Learner Manual	Text Here	Text Here
Learner Manual	Text Here	Text Here
Learner Manual	Text Here	Text Here

Learner's signature:

Date: **Wednesday, 06 November 2024**

PoE Submission & Remediation Declaration for Web Development

You **MUST** save a copy of your PoE before submitting.

For the purpose of Remediation and for any other unforeseen events you are required to be in the possession of
copy of your PoE (Portfolio of Evidence).

I, **Storm Jamie Paiva** (full name)

0205076015085(ID number)

declare that I understand the above and will ensure my compliance.

Learner's signature:

Date: **Wednesday, 06 November 2024**

Formative Assessment for Web Development

These assessments must be completed in class or after class before your next session. The purpose of these assessments is to check that you have understood all concepts taught and are in a position to continue to the next training concept.

Your facilitator will mark the questions and provide you with feedback.

The Formative assessments must remain in your PoE.

Unit standard #:	115391
Unit standard title:	Demonstrate an understanding of the principles of the internet and the World-Wide-Web
NQF Level:	4
Credits:	3
Total marks:	40

Question No.	Question	Mark Allocation
1 SO1, AC1 – AC4	DISCUSS the principles of the internet and world-wide-web. In your discussion explain the following; Origins and history of internet. Major applications of the internet. Major internet applications. History and development of world-wide-web	20
Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
2 SO2, AC1 – AC3	EXPLAIN how the world-wide-web incorporates the various internet applications. In your explanation; <ul style="list-style-type: none"> • PROVIDE a comprehensive understanding of physical context of web pages • IDENTIFY how the word-wide-web can be applied in an intranet and extranet. • DESCRIBE the latest internet application, including web-based email, instant messaging and voice-over-IP (VoIP). 	20
Learner Response	Click or tap here to enter text.	

Unit standard #:	115372
Unit standard title:	Demonstrate an understanding of tools and products for website development
NQF Level:	5
Credits:	3
Total marks:	28

Question No.	Question	Mark Allocation
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3 SO1, AC1 – AC2	3.1 DESCRIBE HTML editors and how they are used in website development. (4) 3.2 IDENTIFY and DESCRIBE other website design tools. (4)	8
Answer to 3.1		
Click or tap here to enter text.		
Answer to 3.2		
Click or tap here to enter text.		
Question No.	Question	Mark Allocation
4 SO2, AC2	OUTLINE the advantages and disadvantages of HTML editors and other website design tools that you identified in question 3 above.	12
Advantage		
Click or tap here to enter text.		
Disadvantages		
Click or tap here to enter text.		
Question No.	Question	Mark Allocation
5 SO1, AC3	IDENTIFY and DESCRIBE the file formats associated with websites and their applications.	8
Learner Response	Click or tap here to enter text.	

Unit standard #:	115369
Unit standard title:	Design and build a website using simple html
NQF Level:	5
Credits:	5
Total marks:	27

Question No.	Question	Mark Allocation
6 SO1, AC1 - AC2	6.1 IDENTIFY the different types of websites. (4) 6.2 EXPLAIN the nature and use of each type of website that you identified above. (8)	12
Answer to 6.1		

Click or tap here to enter text.		
Answer to 6.2		
Click or tap here to enter text.		
Question No.	Question	Mark Allocation
7 SO2, AC1	IDENTIFY the advantages and disadvantages of HTML editors and other website design tools.	9
Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
8 SO1, AC3	IDENTIFY and DESCRIBE basic HTML facilities that must be incorporated in a website design.	6
Learner Response	Click or tap here to enter text.	

Unit standard #:	115368
Unit standard title:	Apply advanced html and associated techniques to build a website for business applications
NQF Level:	5
Credits:	12
Total marks:	48

Question No.	Question	Mark Allocation
9 SO1, AC1 – AC2	9.1 IDENTIFY advanced HTML features. (4) 9.2 DESCRIBE the use of the features that you identified above. (8)	12
Answer to 9.1		
Click or tap here to enter text.		
Answer to 9.2		
Click or tap here to enter text.		
Question No.	Question	Mark Allocation
10 SO1, AC4	EXPLAIN the use of Dynamic HTML and XML	8
Learner Response	Click or tap here to enter text.	

Question No.	Question	Mark Allocation
11 SO1, AC5	11.1 IDENTIFY and DESCRIBE Dynamic HTML concepts. (8) 11.2 IDENTIFY and DESCRIBE XML concepts. (6)	14
Answer to 11.1		
Click or tap here to enter text.		
Answer to 11.2		
Click or tap here to enter text.		
Question No.	Question	Mark Allocation
12 SO2, AC1 – AC2	12.1 EXPLAIN the usage of CGI. Use a diagram to illustrate. (8) 12.2 DESCRIBE the types of services provided by a database backed website. (6)	14
Answer to 12.1		
Click or tap here to enter text.		
Answer to 12.2		
Click or tap here to enter text.		

Unit standard #:	115383
Unit standard title:	Demonstrate an understanding of the principles of designing and building an e-commerce website
NQF Level:	5
Credits:	10
Total marks:	20

Question No.	Question	Mark Allocation
13 SO1, AC1	13.1 DEFINE the term e-commerce website. (4) 13.2 IDENTIFY and EXPLAIN the business considerations when developing an e-commerce website for a business. (6)	10
Answer to 13.1		
Click or tap here to enter text.		
Answer to 13.2		
Click or tap here to enter text.		

Question No.	Question	Mark Allocation
14 SO1, AC4	IDENTIFY and EXPLAIN the technical considerations when developing an e-commerce website.	6
Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
15 SO2, AC1	EXPLAIN how a developer can ensure that user requirements are met when designing an ecommerce website.	4
Learner Response	Click or tap here to enter text.	

Unit standard #:	14933
Unit standard title:	Demonstrate an understanding of creating multimedia/web-based computer applications with scripting
NQF Level:	4
Credits:	6
Total marks:	50

Question No.	Question	Mark Allocation
16 SO1	EXPLAIN how to plan the use of a multimedia/web-based authoring computer application with scripting.	10
Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
17 SO2	EXPLAIN how you would design a multimedia/web-based computer application	10
Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
18 SO3	IDENTIFY different multimedia elements	15
Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
19 SO4	EXPLAIN how you would create multimedia/web-based computer application scripts.	10

Learner Response	Click or tap here to enter text.	
Question No.	Question	Mark Allocation
20 SO5	EXPLAIN the future of web-based multimedia	5
Learner Response	Click or tap here to enter text.	

Summative Assessment for Web Development

Reflection

This assignment is compulsory and the assessor cannot find you met the requirements overall if you have not completed this assignment

WRITE a letter to your assessor **EXPLAINING** how you completed the assessment activities in this programme. Your report may be structured as follows:

1. How did you approach the assignments?
2. Summarise the key ideas/concepts that you presented in this programme.
3. What did you learn/remember from doing the assignments?
4. How can you apply what you have learnt in the workplace as well as your personal life?
5. Do you feel that the programme was worth your while? **MOTIVATE** your answer.
6. What would you still like to learn?

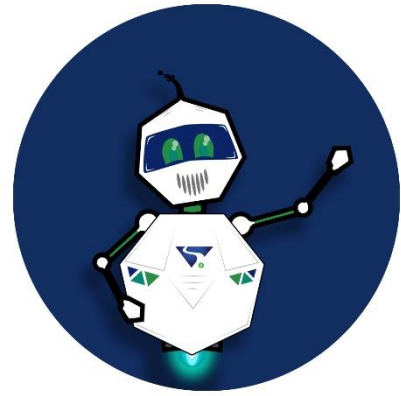
Enter Answer Here.

Summative Assessment Section

Workplace Assessments

INSTRUCTIONS TO THE LEARNER

In all the assessments you are required to show **applied competence** which means *"the ability to put into practice in the relevant context the learning outcomes acquired in obtaining a qualification."*



This means you must show the assessor the following:

- That you know and understand the content (Answering the questions correctly that are required of you in the assessment activities - these will be the Formative Activities)
- That you are able to practically apply what you have learnt (You are therefore required where possible to insert as much natural occurring evidence as possible to show your practical application of the knowledge acquired in the workplace. You may in some instances have to assimilate the evidence as it may not be readily available in the workplace. Clearly mark your evidence with the unit standard number and activity number that you are linking your evidence to e.g. Unit Standard No: 7791 Quote for Workplace Activity 2)
- That you are able to reflect on what you have learnt and use it in your daily activities whether this be personal or work related (***This will be tested in a reflection report and the CCFO's which will be found in your Assessment Guide/Portfolio of Evidence***)
- Please sign your work by ***inserting your electronic signature*** on all work. The assessor will not assess the evidence if not signed.
- You are not allowed to copy from another learner. Any plagiarism committed will be viewed in a serious light and disciplinary action may be taken against you. Your work must be authentic i.e. your own work.
- You must reference all the external resources used during the course of completing the formative assessment activities.
- The proficiency level required for is ***70% per specific outcome per unit standard***. If you are deemed "Not yet Competent" in a unit standard, you will only be required to redo those areas that the assessor requires you to do.
- Please ***insert your electronic signature at the bottom of all typed pages*** declaring that the evidence submitted is your work. Do not sign any document that was not originally produced by you e.g. Internet printouts, project schedules etc.
- GOOD LUCK!

Summative Assessment – Workplace Assessments

Unit standard #:	115391
Unit standard title:	Demonstrate an understanding of the principles of the internet and the world-wide-web
NQF Level:	4
Credits:	3
Total marks:	23

Activity No.	Alignment	Question	Marks
1	SO2 AC1	You are required to visit any 3-web page on the internet. Explain the physical context of the web pages NOTE: attach a copy of the web pages in your POE	8
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
2	SO1 AC2 SO2 AC3	You are required to collect 3 newspaper or internet articles that talk about internet applications. Complete the following tasks using the articles. 2.1 SUMMARISE the articles. 2.2 IDENTIFY the internet applications that were discussed and explain when you can use them in your personal life or work context.	15
Answer to 2.1			
Click or tap here to enter text.			
Answer to 2.2			
Click or tap here to enter text.			

Unit standard #:	115372
Unit standard title:	Demonstrate an understanding of tools and products for website development
NQF Level:	5
Credits:	3
Total marks:	30

Activity No.	Alignment	Question	Marks
3	SO2 AC1	<p>You are required to conduct a research on the major plug-in types that are on the market.</p> <p>For each plug-in that you identify do the following:</p> <ul style="list-style-type: none"> • IDENTIFY the manufacturer • EXPLAIN how it operates • IDENTIFY the advantages and disadvantages of the plug-in on a web-browser. <p>Your answer must be presented in a report format Attach report as a separate annexure to the POE</p>	20
Activity No.	Alignment	Question	Marks
4	SO2 AC2	<p>You are required to open any website with plugins. Answer the following:</p> <p>4.1 PROVIDE the website address. (2)</p> <p>4.2 IDENTIFY plug-ins on the website. (4)</p> <p>4.3 EXPLAIN the role of the plug-ins on the website. (4)</p>	10
Answer to 4.1			
Click or tap here to enter text.			
Answer to 4.2			
Click or tap here to enter text.			
Answer to 4.3			
Click or tap here to enter text.			

Unit standard #:	115369
Unit standard title:	Design and build a website using simple html
NQF Level:	5
Credits:	5
Total marks:	12

Activity No.	Alignment	Question	Marks
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5	SO1 AC3 SO2 AC4	You are required to study the webpage for any bank in South Africa. Answer the following questions. 5.1 IDENTIFY the type of website. (2) 5.2 IDENTIFY the typical transactions which are carried out via the website. (5)	7
Answer to 5.1			
Click or tap here to enter text.			
Answer to 5.2			
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
6	SO2 AC3	Study the webpage for an online clothing shop. IDENTIFY the facilities offered by the webpage	5
Click or tap here to enter text.			

Unit standard #:	115368
Unit standard title:	Apply advanced html and associated techniques to build a website for business applications
NQF Level:	5
Credits:	12
Total marks:	23

Activity No.	Alignment	Question
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7	SO1 AC3 SO2 AC4	<p>Start by creating a new .html file in notepad.</p> <p>DEVELOP a basic web page using the HTML tags you learned in class. Include each of the following elements in ANY order:</p> <ul style="list-style-type: none"> • The correct html, head, and body tags • Insert the following phrase, without the quotes, as your title tag: "HTML Beginner Exercise by <insert your first and last name>." Example: HTML Beginner Exercise by Theresa Clarke • One unordered list of items (must include at least four items) • One ordered list of items (must include at least four items) • A bold word or phrase anywhere on the page • A centered word or phrase anywhere on the page • An italicized word or phrase anywhere on the page • A working e-mail address link (where someone can click the link and send you e-mail such as clarketb@jmu.edu) • At least three hypertext links to other sites on the Internet • For the three links, use appropriate words/phrases as anchors rather than the URL. For example, write JMU or James Madison University as the anchor rather than http://www.jmu.edu as the anchor within the body of the page.) • A bit of coloured text somewhere on the page using one or more of the colours on the browser-safe colour palatte or HTML colour names. • At least two horizontal lines (rules) anywhere in two different areas of the page • Two .jpg or .gif images images • For this exercise, you should select an image that is already existing on the web. Once you find an image, you want to find the associated URL and point to it from your web page. To point to an image on the web, right click the image, view the image information, copy and paste the image's URL into notepad using the correct HTML tags.
Activity No.	Alignment	Question

8	SO1 AC1 – AC5	<p>You are required to create a website for a new and upcoming car dealership company with the name “INNOVATIVE”. Your website must be saved in a root folder called “Software Development”. Inside the root folder all images must be saved in the “pictures” folder. This website must consist of 3 pages:</p> <ul style="list-style-type: none">• index.html• gallery.html• contact.html <p>index.html Note all web pages and static pages created as per candidate’s imagination. Use the following Elements:</p> <p>Background colour: Red</p> <p>Format the page margins: Top: 0px Right: 0px</p> <p>Table with the following: 2 columns and 1 row</p> <p>No border, Width: 100% No border, cell padding: 10 pixels</p> <p>Insert 2 text hyperlinks with the following formatting: Text: GALLERY (gallery.html open in new window) Text: CONTACT (contact.html open in new window)</p> <p>gallery.html Use a picture of your choice to create a webpage with the following elements:</p> <p>Background colour: black</p> <p>Table with the following: 2 columns and 1 row No border, Width: 100%</p> <p>contact.html</p> <p>Contained in this web page are the following elements: Background colour: black</p>
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		Table with the following: 2 columns and 3 rows. Cell padding: 10 pixels. Left column width: 150 pixels. All text in table must be formatted. Font: Comic Sans Colour: White Size: 24 pixels Style: Bold Right aligned 1st row: Name" Text & Text field (40 characters) 2nd row: Feedback" Text & Text area (40 characters & 5 lines high) 3rd row: Merge cells Insert „Submit" & „Reset" buttons	
Activity No.	Alignment	Question	Marks
9	SO2 AC2	9.1 You are required to create a simple database driven website of your choice. Use your own assumptions. (15) 9.2 EXPLAIN the underlying technologies that link database and the website. (8)	23
Answer to 9.1			
Click or tap here to enter text.			
Answer to 9.2			
Click or tap here to enter text.			

Unit standard #:	115383
Unit standard title:	Demonstrate an understanding of the principles of designing and building an e-commerce website
NQF Level:	5
Credits:	10
Total marks:	16

Activity No.	Alignment	Question	Marks
10	SO2 AC2 – AC3	Visit the following ecommerce website http://www.takealot.com/ 10.1 IDENTIFY good ecommerce website design principles and techniques that were used. (8)	16

		10.2 SUGGEST possible areas of improvements. (8)	
Answer to 10.1			
Click or tap here to enter text.			
Answer to 10.2			
Click or tap here to enter text.			
Activity No.	Alignment	Question	
11	SO2 AC1 – AC3	<p>Visit a local business in your area that can benefit from an ecommerce website.</p> <p>11.1 NAME the business and describe the products that it sells</p> <p>11.2 EXPLAIN the reasons why ecommerce will benefit the business.</p> <p>11.3 IDENTIFY the client requirements with respect to the design of the website.</p> <p>11.4 DESIGN the ecommerce website for the business.</p> <p>The design must be:</p> <ul style="list-style-type: none"> • Consistent with the needs of the business. • Simple and easy to use • Adhere to industry acceptable standards. <p>The above demonstration must be done in the presence of your facilitator/assessor who must observe the demonstration and complete the attached evaluation checklist.</p>	
Answer to 11.1			
Click or tap here to enter text.			
Answer to 11.2			
Click or tap here to enter text.			
Answer to 11.3			
Click or tap here to enter text.			

Name & Surname	Click or tap here to enter text.	Evaluation Checklist: Activity 11.4	
Company	Click or tap here to enter text.	Date	Click or tap to enter a date.
ID Number	Click or tap here to enter text.	Time	Answer

EVALUATION CRITERIONS	Yes/No	COMMENTS OR ACTION REQUIRED
The design meets the user requirements	Choose an item.	Click or tap here to enter text.
The design demonstrates simplicity and ease of use.	Choose an item.	Click or tap here to enter text.
The design adheres to industry-accepted standards.	Choose an item.	Click or tap here to enter text.
The design is eye-catching and detailed.	Choose an item.	Click or tap here to enter text.
GENERAL COMMENTS:		
Answer		
Date:	Time started:	Time completed:
Click or tap to enter a date.	Click or tap here to enter text.	Click or tap here to enter text.
MENTOR/SUPERVISOR NAME	MENTOR SIGNATURE	ASSESSOR ENDORSEMENT (SIGNATURE)

Unit standard #:	14933
Unit standard title:	Demonstrate an understanding of creating multimedia/web-based computer applications with scripting
NQF Level:	4
Credits:	6
Total marks:	54

Activity No.	Alignment	Question	Marks
12	SO1 AC2	WHAT is web-based multimedia?	5
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
13	SO1 AC3	LIST advantages and disadvantages of using multimedia	10
Advantages		Disadvantages	
Click or tap here to enter text.		Click or tap here to enter text.	
Activity No.	Alignment	Question	Marks
14	SO1 AC1	EXPLAIN why it is important to determine the intended audience and objectives	4
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
15	SO2 AC2	DEMONSTRATE understanding of use of tools such as flowcharts, page layouts, and storyboards	6
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
16	SO2 AC3	DESCRIBE and EXPLAIN the basic principles of an object.	5
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
17	SO2 AC1	OUTLINE access considerations when designing a multimedia web site	4
Click or tap here to enter text.			

Activity No.	Alignment	Question	Marks
18	SO3 AC3	DEFINE text, graphic elements, audio ,video and animation	5
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
19	SO4 AC3	LIST the common use of HTML tags	5
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
20	SO4 AC1	DESCRIBE three of the most popular scripting languages	5
Click or tap here to enter text.			
Activity No.	Alignment	Question	Marks
21	SO4 AC4	DEMONSTRATE understanding of testing and maintaining the site	5
Click or tap here to enter text.			

Logbook

Complete this logbook on the same basis as you would have completed a diary. Fill in the specific dates you have worked on the learning outcomes.

LEARNING OUTCOME	DATE	TOTAL HOURS	Reference your evidence e.g., AQ, WP
115391 – Demonstrate an understanding of the principles of the internet and the world-wide-web			
Explain the principles of the internet and the world-wide-web.	Enter Answer Here.	Enter Answer Here.	FA 1, PWA 2
Explain how the world-wide-web incorporates the various internet applications.	Enter Answer Here.	Enter Answer Here.	FA 2, PWA 1 - 2
115372 – Demonstrate an understanding of tools and products available for web-site development			
Describe the use of HTML editors and other web site design/maintenance tools.	Enter Answer Here.	Enter Answer Here.	FA 3, 5
Demonstrate an understanding of web browser plug-ins.	Enter Answer Here.	Enter Answer Here.	FA 4, PWA 3 - 4
115369 – Design and build a web-site using simple HTML			
Apply basic guidelines for the web-page design.	Enter Answer Here.	Enter Answer Here.	FA 6, 8, PWA 5
Use core HTML to build the web-page.	Enter Answer Here.	Enter Answer Here.	FA 7, PWA 5 - 6
115368 – Apply advanced HTML and associated techniques to build a web site for business applications			
Discuss the need for advanced HTML features.	Enter Answer Here.	Enter Answer Here.	FA 9 – 11, PWA 7 - 8
Demonstrate an understanding of connecting web sites to business applications	Enter Answer Here.	Enter Answer Here.	FA 12, PWA 7, 9
115383 – Demonstrate an understanding of the principles of designing and building an e-Commerce web site			
Explain the business considerations behind developing an e-commerce web site	Enter Answer Here.	Enter Answer Here.	FA 13 - 14
Design an e-commerce web site.	Enter Answer Here.	Enter Answer Here.	FA 15, PWA 10 - 11

14933 – Demonstrate an understanding of creating multimedia/web-based computer applications with scripting			
Plan the use of a multimedia/web-based authoring computer application with scripting.	Enter Answer Here.	Enter Answer Here.	FA 16, PWA 12 - 14
Design a multimedia/web-based computer application.	Enter Answer Here.	Enter Answer Here.	FA 17, PWA 15 - 17
Identify and save text, graphic elements and animation	Enter Answer Here.	Enter Answer Here.	FA 18, PWA 18
Create multimedia/web-based computer application scripts.	Enter Answer Here.	Enter Answer Here.	FA 19, PWA 19 - 20
Assemble a multimedia/web-based application including scripts.	Enter Answer Here.	Enter Answer Here.	FA 20, PWA 21

Critical Cross Field Outcomes

What are critical cross-field outcomes?

The critical cross field outcomes are basic work and life skills. You do not have to give extra evidence – simply cross reference these CCFOs to the questions and answers in your portfolio where these are tested.

Critical Cross field Outcomes	Evidence submitted by you to show competence against CCFO	Page number
Example: Communicate effectively in writing	See my written responses in all my questions	44
Work effectively with others	Enter Answer Here.	Enter Answer Here.
Identify and solve problems	Enter Answer Here.	Enter Answer Here.
Communicate effectively	Enter Answer Here.	Enter Answer Here.
Organising and managing oneself effectively	Enter Answer Here.	Enter Answer Here.
Contribute to his/her full personal development and the social and economic development of the society at large	Enter Answer Here.	Enter Answer Here.
Learners Signature		
Date	Click or tap to enter a date.	