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| **Candidate Name** | **Centre Name:**  Letterkenny Training Centre, Ramelton Rd, Ballyraine Industrial Estate, Letterkenny, Co. Donegal |
| **City and Guilds Number** | **Centre Number:**  **079065** |

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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# Assessment brief and mapping

**Submission Dates:**

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| All Tasks |  |

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| **Task** |  | **Evidence** |  | **Unit coverage**  **(LO & AC**  **references)** |  | **Grading ref** |
| 1. Know how to manage the application life cycle |  | MTA 98-375 |  | 1 |  | P/F |
| 2. Know how to build the user interface using HTML5 |  | MTA 98-375 |  | 2 |  | P/F |
| 3. Know how to format the user interface using CSS |  | MTA 98-375 |  | 3 |  | P/F |
| 4. Know how to code using JavaScript |  | MTA 98-375 |  | 4 |  | P/F |
| 1. Be able to create HTML5 based web applications |  | Code Samples |  | 5 |  | P/F |

Assignment mark sheet

### Candidate name Candidate number



Centre name: Donegal ETB Centre number 079 065



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| --- | --- | --- | --- | --- | --- |
| **LO Reference** | **Task** | **Evidence** | | | **Achieved** |
| 1 | A 1 | MTA 98-375 | | |  |
| 2 | A 2 | MTA 98-375 | | |  |
| 3 | A 3 | MTA 98-375 | | |  |
| 4 | A 4 | MTA 98-375 | | |  |
| 5 | A 5 | Code samples produced | | |  |
|  |  | |  | Overall Pass/Fail |  |

All parts of the tasks must be passed to allow the unit to be claimed.

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| **I confirm that the evidence listed for this unit is my own work and was carried out under the conditions and context specified in the assessment specification.** | | |
| Candidate signature |  | Date |
| I confirm that the candidate has achieved all the requirements of this unit with the evidence listed and the assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient. | | |
| Tutor/assessor signature |  | Date |
| Industry mentor signature |  | Date |
| Quality assurance coordinator’s signature (where applicable) |  | Date |
| Qualifications consultant signature (where applicable) |  | Date |



### Where tasks involve inclusion of evidence, for example written descriptions or screenshots of code, these should be referred to and explained as appropriate in assessment reports.

**Evidence to be handed in:**

Evidence should be presented using materials from the classroom assignments as appropriate

* Demonstration of working application

**Learning Objectives:**

1. Manage the Application Life Cycle
2. Build the User Interface by Using HTML5
3. Format the user interface by using CSS
4. Code by Using JavaScript

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| Learning outcome |  |  |
| The learner will: |  |  |
| 1. Know how to manage the application life cycle |  |  |
| Assessment criteria |  |  |
| The learner can: | The learner has | Achieved Yes/No |
| 1. Describe platform fundamentals | Described platform fundamentals |  |
| 1. Describe how to manage the state of an application | Described how to manage the state of an application |  |
| 1. Describe how to debug a HTML5 touch enabled application | Described how to debug a HTML5 touch enabled application |  |
| 1. Describe how to test a HTML5 touch enabled application | Described how to test a HTML5 touch enabled application |  |
| 1. Describe how to publish an application to a store | Described how to publish an application to a store |  |

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| Learning outcome |  |  |
| The learner will:   1. Know how to build the user interface using HTML5 |  |  |
|  |  |  |
| Assessment criteria |  |  |
| The learner can: | The learner has | Achieved Yes/No |
| 1. Identify HTML5 tags to display text content | Identified HTML5 tags to display text content |  |
| 1. Identify HTML5 tags to display graphics | Identified HTML5 tags to display graphics |  |
| 1. Identify HTML5 tags to play media | Identified HTML5 tags to play media |  |
| 1. Identify HTML5 tags to organise content | Identified HTML5 tags to organise content |  |
| 1. Identify HTML5 tags to organise forms | Identified HTML5 tags to organise forms |  |
| 1. Identify HTML5 tags for input | Identified HTML5 tags for input |  |
| 1. Identify HTML5 tags for validation | Identified HTML5 tags for validation |  |

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| Learning outcome |  |  |
| The learner will:   1. Know how to format the user interface using CSS |  |  |
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| Assessment criteria |  |  |
| The learner can: | The learner has | Achieved Yes/No |
| 1. Describe core CSS concepts | Described core CSS concepts |  |
| 1. Describe how to arrange user interface (UI) content using CSS | Described how to arrange user interface (UI) content using CSS |  |
| 1. Describe how to manage the flow of text content using CSS | Described how to manage the flow of text content using CSS |  |
| 1. Describe how to create graphic effects using CSS | Described how to create graphic effects using CSS |  |

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| Learning outcome |  |  |
| The learner will:   1. Know how to code using JavaScript |  |  |
|  |  |  |
| Assessment criteria |  |  |
| The learner can: | The learner has | Achieved Yes/No |
| 1. Describe how to manage Java Script | Described how to manage Java Script |  |
| 1. Describe how to update the UI using JavaScript | Described how to update the UI using JavaScript |  |
| 1. Identify JavaScript animation code | Identified JavaScript animation code |  |
| 1. Describe how to access data using JavaScript | Described how to access data using JavaScript |  |
| 1. Identify code that responds to touch | Identified code that responds to touch |  |
| 1. Identify HTML5 API code | Identified HTML5 API code |  |
| 1. Describe how to access system resources | Described how to access system resources |  |

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| Learning outcome |  |  |
| The learner will:   1. Be able to create HTML5 based web applications |  |  |
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| Assessment criteria |  |  |
| The learner can: | The learner has | Achieved Yes/No |
| 1. Build user interface using HTML5 | Built a user interface using HTML5 |  |
| 1. Format user interface using CSS | Formatted a user interface using CSS |  |
| 1. Access data using JavaScript | Accessed data using JavaScript |  |