**Web Application Development Project Submission 2022**

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Date: 22/05/2022

Home page/index page/start page (eg., page user should open first): index1.html

**Project Requirements Implementation**

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| **ITEM 1** | **Reference** |
| *Allow the customer to enter their login details:* | See page ”index.html” and the associated JavaScript functions in <script> |
| *Login details validated (via a login screen) before receiving a summary of the order:* | Validation performed using HTML5 on “index1.html” page |
| *Username:* | [user@user.ie](mailto:user@user.ie) |
| *Password:* | pass |
| *Brief description of how this was implemented:* | Used HTML5 validation for username and password, and the authentication was via JavaScript function called “authenticate()” in the “index1.html” page. The function uses a DOM query to extract both the values and checks against the values stored in the database. |

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| **ITEM 2** | **Reference** |
| *Perform form validation through JavaScript or HTML to ensure that text fields are not empty, and a valid email address is entered* | Validation performed using HTML5 on “index1.html” page |
| *Brief description of how this was implemented:* | Used required=”required” in “index1.html” at input for email and password |

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| **ITEM 3** | **Reference** |
| *Include a slideshow or carousel which displays a different image each time the page is loaded;* | Have carousel, couldn’t implement the different image every time the page is loaded |
| *Brief description of how this was implemented:* | Used carousel with different image slides in “index1.html” |

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| **ITEM 4** | **Reference** |
| *Use an object or an array in JavaScript;* | Used array to try to implement random image loading each time page is opened in carousel |
| *Brief description of how this was implemented:* | In “index1.html” in <script > had car randomimages=new Array() {\*\* images I wanted to use\*\*} |

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| **ITEM 5** | **Reference** |
| *Connect to a database that contains relevant site information (eg., product info) using PHP/XAMPP (your database name should be your GMIT ID);* | Connect to database with product info |
| *Brief description of how this was implemented:* | Check sql file G00398778.sql |

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| **ITEM 6** | **Reference** |
| *Allow the user to ‘purchase’ items from the site;* | See index1.html and associated JavaScript |
| *Brief description of how this was implemented:* | Can add items to cart, check cart and purchase items |

Additional information: