**Web Application Development Project Submission 2022**

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

**Project Requirements Implementation**

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| **ITEM 1** | **Reference** |
| *Allow the customer to enter their login details:* | Login modal section of navbar |
| *Login details validated (via a login screen) before receiving a summary of the order:* |  |
| *Username:* | user |
| *Password:* | pass |
| *Brief description of how this was implemented:* | Modal built with username and password text boxes, with login button to verigy. Undertaken using a form, check, |

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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* | Javascript function validate() in project php file. |
| *Brief description of how this was implemented:* | Username was set to user, and password was set to pass. If these were input correctly, user gets alert telling them they are logged in. If input was incorrect, alert says Incorrect login details. |

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| **ITEM 3** | **Reference** |
| *Include a slideshow or carousel which displays a different image each time the page is loaded;* | Carousel functions on project.php page with control buttons |
| *Brief description of how this was implemented:* | Images were put in to an array and suffled using shuffle() function. Images were set to common dimensions. Random carousel image was implemented using src path and the shuffled image file name together. |

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| **ITEM 4** | **Reference** |
| *Use an object or an array in JavaScript;* | Array was built from images in project folder |
| *Brief description of how this was implemented:* | An array with image file names was built and then shuffled to return a random image file each time. This was then added to carousel to display random index of images |

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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);* | Connected to database with product image, name, id and price |
| *Brief description of how this was implemented:* | Database connected was made and product were retrieved based on the id. Details were then used in products display as well as order summary |

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| **ITEM 6** | **Reference** |
| *Allow the user to ‘purchase’ items from the site;* | Clear\_cart() function which will empty the cart when checkout button is clicked |
| *Brief description of how this was implemented:* | A function to empty the shopping cart was implemented so that when the user clicks the checkout button, it will clear their cart as if the purchase has been made. |

Additional information: