**Web Application Development Project Submission 2022**

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Home page/index page/start page (e.g. page user should open first): index.php

**Project Requirements Implementation**

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| **ITEM 1** | **Reference** |
| *Allow the customer to enter their login details:* | See page login.php |
| *Login details validated (via a login screen) before receiving a summary of the order:* | Validation performed using HTML5 on “login.html page |
| *Username:* | user |
| *Password:* | pass |
| *Brief description of how this was implemented:* | Uses HTML5 validation for username and password, and the authentication was via the JavaScript function called validateForm() in the footer.php page. |

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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* | See page login.php |
| *Brief description of how this was implemented:* | Uses HTML5 to ensure that text fields are not empty. |

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| **ITEM 3** | **Reference** |
| *Include a slideshow or carousel which displays a different image each time the page is loaded;* | See home page index.php |
| *Brief description of how this was implemented:* | The carousel requires the use of an id (in this case the id="myCarousel")  The content of each slide is specified in a <div> with class .carousel-inner. |

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| **ITEM 4** | **Reference** |
| *Use an object or an array in JavaScript;* | Please see footer.php and the associated JavaScript functions |
| *Brief description of how this was implemented:* | Uses JavaScript to validate Username using the function validateForm()  Uses a js function for adding or increasing the quantity of items |

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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);* | Please see page items.php |
| *Brief description of how this was implemented:* | Includes code to connect to mysql database (config.php)   1. $dbhost is the host where the server is running it is usually localhost. 2. $user\_db is the name of the users table and contains the username i.e. root and $dbpass which is the password 3. $item\_db is the name of the items table   The select query is used "SELECT \* FROM items\_db ORDER BY id ASC" to perform a query from the items table in the database. |

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| **ITEM 6** | **Reference** |
| *Allow the user to ‘purchase’ items from the site;* | Please see cart.php.  User will be able to see a list of items added to the shopping cart. They will have the ability to remove items and update the quantities. |
| *Brief description of how this was implemented:* | If the user clicked buy now button on the items page they are redirected to the cart.php page where they can check for the items to be updated to the cart.  The shopping cart page will populate with all the items that have been added to the cart along with quantities, total prices etc. This is done through a GET request. |

Additional information: also includes a header, footer and about us page. Directory contains all the images for the shopping cart system (featured images, product images, etc.). The style sheet (CSS) was used for the shopping cart website.