

GUI and Web Development

Business Website Development Assignment

Due Date: Monday 1st May @ 6pm

For this assignment, you must create a business e-commerce website that employs the principles of HTML5, CSS and JavaScript which meets the requirements specified out below.

The business can be of your choosing, but the site should be responsive. Make sure to run it by the lecturer to ensure that it is suitable. You must employ a common design theme and colour scheme throughout.

You must complete this assignment in groups of up to 3 people. Please choose your groups by Monday March 27th. If you are not in a group by this date a group will be assigned to you.

Requirements:

- Your website should store customer details.
- Your website should store product details.
- Your website should allow the user to purchase items from the site.
- Your website should allow the customer to enter their login details and have login details validated (login screen) before receiving a summary of their order or making changes to their personal details.
- Your website should allow the user to enter a coupon code and get a discount if the coupon code is valid. (Maybe the coupon is valid before a particular date)
- Your website should allow the customer to change their details.
- Your website should perform Form validation through JavaScript to include:
 - text fields not empty
 - check for number for telephone number
 - valid email address
- Your website should include a slideshow which displays a different random image each time the page is loaded.
- Your website should access and change HTML on the web page through the DOM.
- Your website should access and change styling through the DOM.
- Your website should demonstrate the use of events.

Presentations:

Presentations will be completed during the 1st week of May on the 2nd (Tuesday) and 3rd (Wednesday). There will be 20 minutes allocated to each group. You will have 10 minutes to demonstrate your website, pointing out how it meets or exceeds requirements. We will allow 10 minutes for questions afterwards.

