

# Assessment

## Assessment 2

### Outcomes covered 3 and 4

### Assessment instructions

#### Case Study — The company

Ellnot is a fashion company which currently operates their business through their outlet on the high street. Through acquiring the stock from various suppliers, Ellnot owns a large collection of fashion items which are currently displayed in their store. Aimed at the female market, the company sells various top-of-the-range products. They include: tops, skirts, trousers, jackets, dresses, knitwear, petticoats, plus-size garments, vintage items, scarves and hats as well as accessories including bags, purses and jewellery.

The owners want to expand their business by launching a web gallery which will allow them to extend their marketing reach by displaying their fashion products over the internet. The project is to start on the 1<sup>st</sup> June and to be completed by the end of August. The owners have allocated a budget of £30,000 for the total cost of the project. The software package used to develop the web gallery is negotiable.

#### Site layout and navigation

The web gallery needs to be aesthetically pleasing and functional, giving the various web pages a slick and professional look to attract a wider audience. The web gallery must be secure, robust and accessible. As the web gallery will be the main focus of the business, the pages need to be easy to navigate and with a fast response time.

Any page of the site should be accessible from any other page via the navigation menu. Users should always be aware of the page that they are currently viewing.

The placement of the navigation menu and the company banner, including the logo, should remain consistent throughout the entire web gallery.

Links to social media sites should appear on all pages.

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## **Display products**

The customer should be able to view all the items. They can do that by either selecting the individual category or using 'All items' option.

There should be a brief description of each item, the price, the size and a number of photos showing the item from various angles. Graphics should be lightweight to allow for fast loading of the page. Text should be used over graphics whenever possible.

## **Search for products**

The Search option should allow for free text to be typed in. A sorted list of all the products that match the search text will appear for the user to select from.

While searching for products, the user should be able to sort the displayed products. Options available are to sort by product type, price and size.

## Task 1 — Outcome 3

Applying the Waterfall approach to the given scenario and focusing on the Analysis and Design phases, your task is to produce the following:

- ◆ A list of Functional and Non-Functional Requirements for the whole system.
- ◆ User Interface Design using a suitable method, eg Storyboard or Wireframe.
- ◆ Data Dictionary for the new system listing all the data items, their format and a brief description of their content.
- ◆ An overall design using Structure Chart. This should show the breakdown of the system into its lowest levels.
- ◆ Detailed design of the system using pseudocode which explains the steps in an English-Like format.

## Task 2 — Outcome 4

Applying the Agile approach such as Scrum to the given scenario and focusing on the Analysis and Design phases, your task is to produce the following:

- ◆ The content of the Agile product roadmap for the system. The content should be displayed in a matrix showing an overall plan of how the system will develop at the various stages. The plan will show the goal for each stage and the features that have to be completed at each stage.
  - ◆ Backlog for the new system showing a list of all the requirements.
  - ◆ *User story* for at least one Sprint. The *user story* should include the 'who', 'what' and 'why' of a requirement in a simple and concise way.
  - ◆ Evidence to demonstrate to your assessor how you would track the progress of your project.
  - ◆ Description of the areas that you think went well and the areas for potential improvement.
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