PROJECT

Module

Programming Essentials

Module Code

IT2042FP

Duration

40 hours

Title:

Create and test a Portfolio Gallery Application

Tools, Equipment and Materials:

1   Personal Computer with Internet access

Instructions:

1   Create a portfolio image gallery application.

2   An example of the gallery with the following layout is shown:

Thumbnail Categories

Thumbnail category description

Specifications:

3   The gallery displays 1 image at a time (recommended dimension of 700 by 350 pixels).

4   Click on left button to display previous image with transition.

5   Click on right button to display next image with transition.

6   Gallery displays images at a 5 second interval in a pre-determined order with transition.

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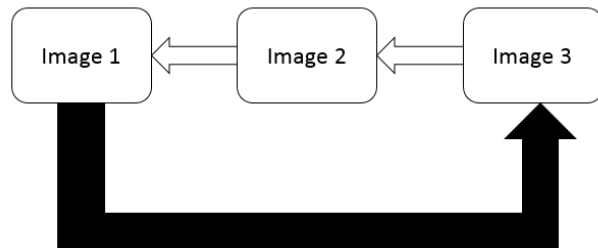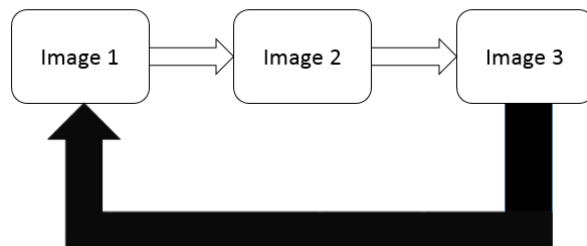7 The order of images for the left button images are as shown below.

8 The order of images for the right button images are as shown below.

9 There is a play/pause button to pause and play the gallery for any image.

10 Click on the respective thumbnails of different image categories to display a different set of images in the gallery with the respective thumbnail category description and background colour.

11 Compose and complete the test plans for right button specification and first thumbnail from the left specification. Save the test plan in pdf format.

12 Verify that your application is working properly according to the given specifications and ensure proper debugging techniques are applied.

13 Submit your image application into a folder as <Index_No_your name_project>

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