

No. of Printed Pages : 3 **BCSL-057(Set-II)**

**BACHELOR OF COMPUTER
APPLICATIONS (BCA) (REVISED)
Term-End Practical Examination
December, 2024**

BCSL-057(Set-II) : WEB PROGRAMMING LAB

Time : 1 Hour

Maximum Marks : 50

Note : *There is **one** compulsory question in this paper of 40 marks. Rest 10 marks are for viva-voce. You may use any IDE, web server and database backend to demonstrate the web application.*

1. Design and implement a website/web application having three web pages, each having the following layout :

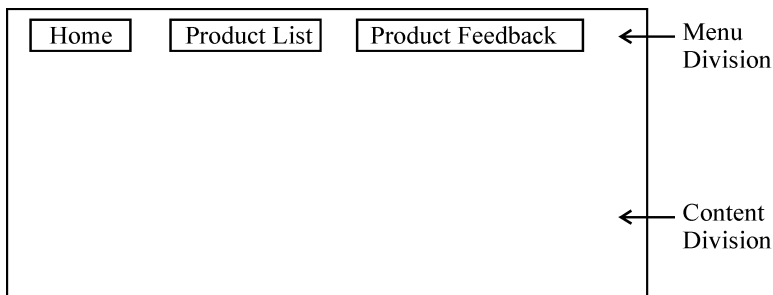


Figure 1 : Layout of the web pages

Create the three web pages having the same menu division.

The links in the Menu division are :

Home

is a link to Home page, which displays welcome message.

Product List

is a link to a JSP page that generates a list of products using a database. This page can be named as product list page.

Product Feedback

is a link to a page containing a form for product feedback.

The content division of the three web pages should be as per the following description :

- (a) The Home page displays a welcome message and should have the title 'XYZ Product Company'.
- (b) The Product list page should be created using JSP, which queries a 'Product' database having a single relation :

Product_List (product_id, productName, price). The result of this query should be

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displayed on the product list page as shown below :

Product List

Product ID	Name	Price
P01	Shirt	400
P02	Trouser	1000
⋮	⋮	⋮

The list should contain at least *five* products. 18

- (c) The product feedback page should consist of a form (you should write the HTML/JSP code to create the form and not the code to verify or process the form), as given below :

Product ID

Product Name

Your Feedback Rating :

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

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- (d) Create an external CSS file that formats all the three web pages as per the layout of Figure 1. The CSS should ensure that only Arial font is used in all the three pages. 10

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