

PLEASE NOTE : READ THE ENTIRE QUESTION PAPER CAREFULLY BEFORE ATTEMPTING THE LAB EXAM

DO NOT USE Entity Framework

**STORED PROCEDURES SHOULD BE CREATED AND USED FOR ALL DATABASE INTERACTIONS
(Submit all stored procedure code in a text file for corrections)**

Create the following Table

Products

ProductId int - Primary Key
ProductName varchar(50)
Rate Decimal(18,2)
Description varchar(200)
CategoryName varchar(50)

Populate it with some dummy data.

Create an MVC application with the following Views

(USE APPROPRIATE MODEL WITH PROPERTIES AND METHODS)

1. Index View (10 marks for showing the view correctly, including database code)
Should show all the Products in the following way

ProductId	ProductName	Rate	Description	CategoryName
<u>101</u>	Harry Porter	10.00	descA	Books
<u>102</u>	Percy Jackson	20.00	descB	Books
<u>103</u>	Pen	30.00	descC	Stationery
<u>104</u>	Marker	30.00	descD	Stationery

Product Id is a hyperlink which will take them to the Edit page, passing the ProductId

2. Edit View (total 15 marks)

(for showing the view correctly -7 marks and updating the database(8 marks))

Product Id _____ (Display only, not editable)
Product Name _____ (TextBox)
Rate _____ (TextBox)
Description _ _____ (TextArea)
Category _____ (TextBox)

Update --- (Button)

Back to Index (Hyperlink)

(5 Marks for a, b and c)

- a) Ensure that all values must be entered before submitting them.
- b) Give proper error messages for all validations
- c) The displayed value in the label should be shown from the annotation for the field. Eg "ProductName" property should be displayed as "Product Name"

3. Create your own Layout Page and use this as the default layout page for all Views (Do not use or change the existing _Layout.cshtml page)

(5 marks for Qs No 3)

4. Create a partial view which displays the following

Created by (Your name here)

Center (Juhu/Kharghar)

RollNo (Your RollNo)

Display this partial view at the bottom of the Index and Edit Views

Ensure that the partial view created cannot be called directly from the url but can only be called from another View.

(5 Marks for the Partial View)