Time: 11.30 AM – 01.00 PM

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

STORED PROCEDURES SHOULD BE CREATED AND USED FOR ALL DATABASE INTERACTIONS

Create the following Tables

Products
ProductId int - Primary Key
ProductName varchar(50)
Rate Decimal(18,2)
Description varchar(200)
CategoryId int - Foreign Key REFERENCES Categories.CategoryId

Categories
CategoryId int Primary Key
CategoryName varchar(50)

Create an MVC application with the following Views

1. Index View (11 marks for showing the view correctly, including database code)
Should show all the Products in the following way

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

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

2. Edit View (11 marks for showing the view correctly, including database code)

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

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 shoud 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)
(4 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)