**Practical Test Instructions**

Please read instructions carefully, afterward if you have any query please ask a senior/HR first then start your task.

1. You are allowed to google search . Not allowed to download working code directly from your mailbox or any other place.
2. You are given 4 tasks to perform, you have to read all of them and start whichever task you know best and prove your skill as a developer.
3. There is no time limit on tasks. But after reading all practical tasks in this document, if you think you do not have enough time or skill to complete today itself then kindly talk to HR or Senior.
4. Use database called “Practical\_**Darsh**” for Task #1
5. Database connection string is

“Data Source=(LocalDb)\MSSQLLocalDB;Initial Catalog=Practical\_**Darsh**;Integrated Security=True”

1. You can use asp.net mvc, asp.net core or webforms , Angular,React,Blazer, C# or Vb.net to perform practical.
2. Please do not delete Browsing history.
3. If visual studio ask for administrator password then enter : Satva1213#

Task #1

write a body of stored procedure, which returns records based on page index parameter passed.

Note: for create table use existing table script from your practical folder

Example :

exec Get\_Customers 5,10 Above Sentence **must** return customers with CustomerID from 51 to 63

Use database called Practicle\_YourName to run below procedure.

Create Procedure Get\_Customers

@PageIndex int,

@PageSize int =10

as

Begin

/\* write your code here - Start\*/

/\* write your code here - End \*/

End

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Task #2

Create a function in sql server which will return how many days left to customer’s birthday. For example: if the customer's birthdate is 25/01/1995 and today’s date is 01/01/2021 then it should return 25, which **means** 25 days left to customer’s birthday. So we can alert the Relationship manager about the upcoming birthday of the customer.

CREATE FUNCTION GetBirthDayFromDate(@CustomerBirthDate datetime)

RETURNS int

AS

BEGIN

DECLARE @ResultVar int

/\* write your code here - Start\*/

/\* write your code here - End \*/

RETURN @ResultVar

END

Example :

/\* Use below code to execute above function \*/

DECLARE @CustomerBirthDate datetime='2021-01-25 04:23:55.863'

select dbo.GetBirthDayFromDate(@CustomerBirthDate)

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Task # 3

This is a partially developed code given to you. Where you need to use valid jquery syntax to solve the problem. Instructions are already given in html page, once you Open Practice Test Jquery.sln file from Practical Test Folder and Run the project in browser you can read instructions on it.

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Task # 4

You need to create a Asp.net application( webform or MVC or asp.net core mvc) and Add a Form which has the following fields in it.

| **Field Label** | **Type** | **Validation** |
| --- | --- | --- |
| CompanyId | PrimaryKey, Integer, Auto increment |  |
| Company Name | Textbox | Length must be between 5 to 20 characters  Only Allow Unique company name |
| Email Address | Textbox | Must be valid email address |
| Newsletter | Checkbox |  |

* You need to Create table named “Company” in the Practicle\_**Darsh** database, and store the value in it.
* Make sure all validations are working
* Insert Company Records to database.
* Display Inserted CompanyId on Page.

***All the Very Best...!!!!***