Developer Details:-

Name:- Nilesh Rajak

Date:- 09th May 2021

Project Details:-

Name:- ShopBridge

Tool:- Visual Studio 2019

Architecture: - Web API

DB:- SQL server 2012

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1:- Creation of database with table and store procedure

--Create Database ShopBridgeDB

--use ShopBridgeDB

--Create Table tblShopBridgeDetails

--(

-- Id int identity(1,1) primary key,

-- Name Varchar(50) Not null,

-- Description Varchar(500) Not null,

-- Price decimal(10, 2) Not Null,

-- IsActive varchar(10) Not Null,

-- CreatedDate datetime Not Null,

-- ModifiedDate datetime

--)

--Select \*from tblShopBridgeDetails

--ALTER PROCEDURE SP\_ShopBridge @Task VARCHAR(50) = NULL

-- ,@Id INT = NULL

-- ,@Name VARCHAR(50) = NULL

-- ,@Description VARCHAR(500) = NULL

-- ,@Price DECIMAL(10, 2) = NULL

--AS

--BEGIN

-- IF (@Task = 'Get')

-- BEGIN

-- SELECT Id

-- ,Name

-- ,Description

-- ,Price

-- FROM tblShopBridgeDetails

-- WHERE IsActive = 'Y'

-- END

-- ELSE IF (@Task = 'GetById')

-- BEGIN

-- SELECT Id

-- ,Name

-- ,Description

-- ,Price

-- FROM tblShopBridgeDetails

-- WHERE Id = @Id

-- AND IsActive = 'Y'

-- END

-- ELSE IF (@Task = 'Insert')

-- BEGIN

-- IF EXISTS (

-- SELECT \*

-- FROM tblShopBridgeDetails

-- WHERE Name = @Name

-- AND IsActive = 'Y'

-- )

-- BEGIN

-- BEGIN TRAN

-- BEGIN TRY

-- INSERT INTO tblShopBridgeDetails

-- VALUES (

-- @Name

-- ,@Description

-- ,@Price

-- ,'Y'

-- ,GETDATE()

-- ,NULL

-- )

-- COMMIT

-- SELECT 1;--Record inserted seccessfully

-- END TRY

-- BEGIN CATCH

-- ROLLBACK

-- SELECT 0;--Record Not Inserted due to some error

-- END CATCH

-- END

-- ELSE

-- BEGIN

-- SELECT 2;--Duplicate records can not be allow to insert

-- END

-- END

-- ELSE IF (@Task = 'Update')

-- BEGIN

-- IF EXISTS (

-- SELECT \*

-- FROM tblShopBridgeDetails

-- WHERE Id = @Id

-- )

-- BEGIN

-- BEGIN TRAN

-- BEGIN TRY

-- UPDATE tblShopBridgeDetails

-- SET Name = @Name

-- ,Description = @Description

-- ,Price = @Price

-- ,ModifiedDate = getdate()

-- WHERE Id = @Id

-- COMMIT;

-- SELECT 1;--Record is updated

-- END TRY

-- BEGIN CATCH

-- ROLLBACK;

-- SELECT 0;--Record is not update

-- END CATCH

-- END

-- ELSE

-- BEGIN

-- SELECT 2;---Record is not available for update

-- END

-- END

-- ELSE IF (@Task = 'Delete')

-- BEGIN

-- IF EXISTS (

-- SELECT \*

-- FROM tblShopBridgeDetails

-- WHERE Id = @Id And IsActive='Y'

-- )

-- BEGIN

-- BEGIN TRAN

-- BEGIN TRY

-- UPDATE tblShopBridgeDetails

-- SET ModifiedDate = getdate()

-- ,IsActive = 'N'

-- WHERE Id = @Id

-- COMMIT;

-- SELECT 1;--Deleted successfully

-- END TRY

-- BEGIN CATCH

-- ROLLBACK;

-- SELECT 0;--record is not deleted due to some error

-- END CATCH

-- END

-- ELSE

-- BEGIN

-- SELECT 2;--Record is not available for delete

-- END

-- END

--END

--INSERT INTO tblShopBridgeDetails

-- VALUES (

-- 'Apple'

-- ,'Fruit'

-- ,'100'

-- ,'Y'

-- ,GETDATE()

-- ,NULL

-- )

--Create Table tblErrorLog

--(

-- Id Int identity(1,1) primary key,

-- Message Varchar(500) ,

-- Stacktrace Varchar(500),

-- Source Varchar(500),

-- Target Varchar(500),

-- LogDate Datetime

--)

--CREATE PROCEDURE SP\_ErrorLog @Message VARCHAR(500)

-- ,@Stacktrace VARCHAR(500)

-- ,@Source VARCHAR(500)

-- ,@Target VARCHAR(500)

--AS

--BEGIN

-- INSERT INTO ErrorLog

-- VALUES (

-- @Message

-- ,@Stacktrace

-- ,@Source

-- ,@Target

-- ,GETDATE()

-- )

--END

select \* from tblShopBridgeDetails

2)Create Class file under model folder

a) Entity.cs

b)DAL.cs

c)Validation.cs

3) write a connection string in web.config file, for global access

4)We have created ShopBridgeController.cs file unser controller folder.

In ShopBridgecontroller.cs folder have various methos like

Get()

Put()

Post(),

Delete()