Tasks-2

Thursday, August 15, 2019

10:17 PM

IMPORTANT: This is individual task and Every member must complete this task

ALL the code and steps must be committed to GIT repository use your **Group** git repository for this task

* 1. Create a folder with your **student Id**
  2. Create a MVC Core web application

Application Name: BookStoreApp

* 1. Confirm your app is running by building the app and execute your application(press play button)
  2. Commit: Comment as initial setup
  3. Create Folder DAL and add the following classes
     1. Book: (ID, Name)
     2. Printer: (ID, Name, Brand)
  4. Commit: Comment as Creating DAL models
  5. Create context class and commit: creating context

Info: *public class Ef\*\*\*\*\*Context : DbContext*

* 1. Add connection string
     1. databaseName: BookStoreDB\_Dev
  2. Commit your changes
  3. Setup dependency injection to context in the file startup.cs in the method ConfigureServices

Info: services.AddDbContext<Ef\*\*\*\*\*Context>

(options =>

options.UseSqlServer(Configuration.GetConnectionString

("EfDbconnectionString")

* 1. Commit your changes
  2. Add migration with appropriate name Ex: initialSetup
  3. Commit your changes
  4. Run update database
  5. Log-on to SSMS and confirm the database, tables, and select and check migration history table
  6. Add more changes
     1. Add property Name: Model to Printer class
     2. Add new class Scanner(ID, Name, Model, Brand)
  7. Commit your changes
  8. Add migration and update database
  9. Commit your changes
  10. Create a book controller and add CRUD operations functionality to books using entity framework context

DO NOT use scaffolding

* 1. Commit your changes
  2. Create a Printer controller and add CRUD operations functionality to Printer using entity framework context

DO NOT use scaffolding

* 1. Commit your changes
  2. Add links the newly created controllers and actions to menu
  3. Commit your changes