Projects Attachments - Backend Developer
Library Management System Using Visual Studio and Sql Server Management

Mandatory steps you followed to create the system:

1. Opened Visual Studio to create a new project Asp.net Core Web API
2. Created folder called "Models" contains a lot of classes (Book , BookBL , Patron , PatronBL, BorrowingRecord , Borrowing RecordBl).
3. Added relation Between Book and Aptron in Borrowing Record Called Many-to-Many
4. Installing packages to Connect Sql server with Entities are microsoft.entityframeworkcore.sqlserver and microsoft.entityframeworkcore.tools
5. Created folder called "Entities" contains a class (Library_ManagementAPI) to connect Sql server with Entities.
6. Created folder called "Controllers" contains of a lot of controllers (BookControllers , PatronControllers , BorrowingRecordControllers) and contains the code for the API endpoints (GET , GETID, POST , PUT , DELETE) on three Entities.
7. Created folder called "Migrations" to create Database and Update database to add a build in Sql Server Management.
8. Connected database to Visual Studio with data.
9. Added some SQL Server CRUD Operations.
10. Tested API in Visual Studio to ensure data are (GET, POST, PUT, and DELETE).
11. Tested equations to make sure CRUDs are working well.