

# Steps to Run the Application

## 1. Clone or Download the Project:

Download the project to your local machine using Git or from the available source.

## 2. Set Up the Database:

- Open SQL Server Management Studio (SSMS) or any other database management tool.
- Create a new database with a suitable name, for example, `EmployeeDB`.

```
CREATE DATABASE EmployeeDB;
```

## 3. Update the Connection String:

- Open the `appsettings.json` file or modify `Program.cs` (depending on the project structure) to update the connection string to your database.
- Example of a connection string in the `appsettings.json` file:

```
{
  "ConnectionStrings": {
    "DefaultConnection":
      "Server=. ;Database=EmployeeDB;Trusted_Connection=True;MultipleActiveResultSets=true"
  }
}
```

- Ensure that the `Server` points to your SQL Server instance. If you're using a different instance than `.` (local), you can change the name accordingly.

## 4. Run Database Migration Commands:

- Open the command line or PowerShell in the project directory.
- Ensure that your project is the default project for running commands.
- Run the following commands to set up the tables in the database:

```
dotnet ef migrations add InitialCreate
dotnet ef database update
```

- This will create the necessary tables in the database.

## 5. Run the Application:

- You can run the application using the command line or through an integrated development environment (IDE) like Visual Studio .
- Ensure that Swagger is enabled for API endpoint documentation and testing

## 6. Test the Application:

- Use `Swagger UI` or any API testing tool (such as Postman) to test the API endpoints listed earlier.