


ASP.NET Core MVC

Using Entity framework > Code First approach using LINQ

To Do:

A music play list application using asp.net MVC.

Img	Name	Song Name	Song Type	Actions		
	Tamer Hosny	Naseeny Leeh	Tragedy	View	Edit	Delete

1. Study the relations first between the 3 following tables first before you start building your schema
2. Create Categories Table using entity framework (Code First Approach)
3. Create Singers Table
4. Create Songs Table
5. Create a (New) singer page
6. Create (view) singer page details
7. Create (Update) singer page
8. Create (Delete) singer page
9. Filter the above play list with the following criteria :
 - The singer name
 - Song type
10. A paging in the playlist, and Next and Previous buttons
11. When pressing the name of the singer a pop-up will be shown including the singer details
11. Run a script of creating a 150,000 in the database, to test the application performance.
12. Add initial data to the tables to be added automatically.

- 1. Don't Create SQL Scripts or Generate DB by yourself**
- 2. DON'T CREATE JS methods at all**
- 3. Use HTML (bootstrap)**

By the end of this demo:

1. A new framework using MVC Core using the entity framework (code first approach)
 2. Code First approach allows the database tables to be created automatically
 3. Using of the LINQ Method syntax instead of the Query syntax.
 4. User experience work flow
 5. Split the task into smaller tasks
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NEXT:

- ⇒ Then this application will be done by ASP. NET Core Blazor
- ⇒ Then adding of Blazor components into the original MVC Core APP.

Happy Coding 😊