Race Registration (Sample App)

This application will manage the records of runners registered in a race event.

There will be a list with the following columns:

Name, Gender, Email, Telephone, Event Name, Event Status.

The list must implement sorting and paging. The Default Sort is by Name Ascendant.

List, creation and deletion functionalities must be implemented.

Implement SignalR to determine that the registration for a particular event is no longer available.

Also, the list of runners must show the status of the event updated with the latest changes online.

The tables are defined as follows:

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| Runners | | |
| RunnerId | Int (int) | Primary key |
| FirstName | NVarchar(100) (string) | Not Null |
| LastName | NVarchar100) | Not Null |
| BirthDate | Int | Not Null |
| Gender | Int | Not Null |
| Email | NVarchar(255) | Not Null |
| Telephone | VarBinary(max) | Not Null |
| Address | NVarchar(255) | Not Null |
| City |  | Not Null |
| PostalCode |  | Null |
| Country | Int | Not Null(foreign key) |
| RegistrationDate | DateTime | Not Null |
| ContactPersonName |  | Not Null |
| ContactPersonTelephone |  | Not Null |
| EventId | Int | Not Null (foreign key) |

|  |  |  |
| --- | --- | --- |
| Events | | |
| Id | Int | Primary Key |
| Name | NVarchar(255) | Not Null |
| EventDate | DateTime | Not Null |
| IsClosed | Bit | Null |

|  |  |  |
| --- | --- | --- |
| Countries | | |
| Id | Int | Primary Key |
| Name | NVarChar(255) | Not Null |