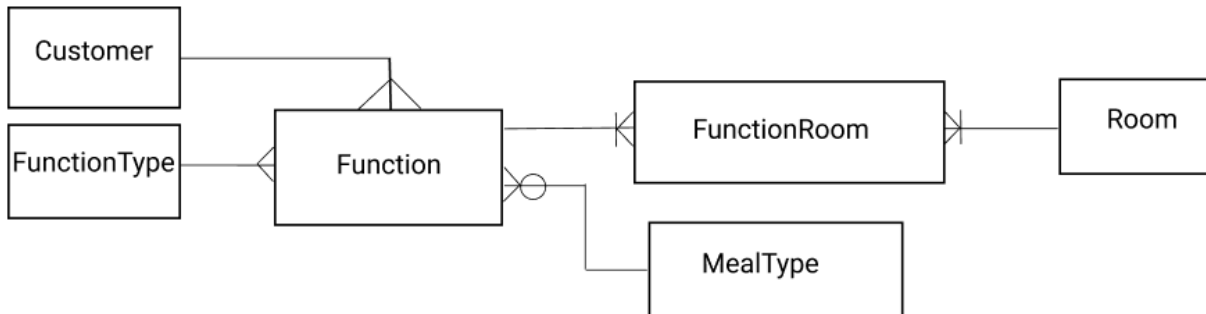


Instructions

Continue with the ASP.NET Core MVC Catering Management application from Part 2A.



1. **(20 Marks)** Make modifications and additions to the Controllers and Views to accomplish the following:
 - a. **(5 Marks)** Make the necessary adjustments for removing Date and DurationDays from the Function class and adding the StartTime, Endtime, SetupNotes, and Alcohol properties. This will include adding any summary properties that will be useful.
 - b. **(5 Marks)** Modify the UI to work with the foreign key for Meal Type (MealTypeID) so the user can make a selection or select None if no food service is involved in the Function.
 - c. **(10 Marks)** Working from the Function point of view, maintain the m:m for all the Rooms used for the Function.
 - i. Add code to the Function Controller and Views so the user can use Check Boxes to select all the Rooms booked for the Function during both Create and Edit operations.
 - ii. Make sure that the list of rooms booked for the function is shown on Details, Delete and Index views for Functions.
2. **(15 Marks)** Add sorting and filtering to the Function Index so the user can:
 - a. Sort by Function Date (StartTime), Guaranteed Number, and Customer.
 - b. Search/Filter by:
 - i. Characters in either the name or the lobby sign.
 - ii. The Customer, chosen from a select drop down list with a “All Customers” option at the top as a default.
3. **(5 Marks)** Add sorting to the Customer Index so the user can:
 - a. Sort by Customer, Company Name, Phone Number and Customer Code.

You will **not** hand in Part 2B. This work is in preparation for the next steps in Part 2 on the MVC Catering Management application.

Note that controllers and views for Room and MealType will be added later on.