

Objective

We are adding on to the application we created for Assessment 6 – FoC Potluck. The goal is to add a database to store the Potluck data and add CRUD (Create, Read, Update, Delete) functionality. You may reuse / refactor code from Assessment 6 or start from scratch. But please hand it in to your GitHub repo for assessment 8.

Build Specifications

1. Create a database with the following tables and columns: **(20 points)**

a. TeamMember table:

- Id [int]
- FirstName [varchar(50)]
- LastName [varchar(50)]
- EmailAddress [varchar(50)]
- AttendanceDate [varchar(50)] or [datetime]
- GuestName [varchar(50)]

b. Dish table:

- Id [int]
- TMName [varchar(50)]
- PhoneNumber [varchar(25)]
- DishName [varchar(50)]
- DishDescription [varchar(100)]
- Category [varchar(25)]

- **IMPORTANT! Please include a .txt or .sql file in your project folder that you push to GitHub so that we can replicate your database**



Your program should have the following functionality:

2. A user can RSVP as before, and see the confirmation page, but now that information will be saved in the database to the TeamMember table. **(15 points)**
3. A user can sign up to bring a dish as before, and see the confirmation page, but now that information will be saved in the database to the Dish table. **(15 points)**
4. Additionally, a user will be able to see a list of all the dishes in the database. **(15 points)**
5. And from that page they will have a link to edit a dish. Make sure when the user chooses edit, the rendered edit form is not blank, but is populated with the dish's current data (see the sample output below). **(15 points)**
6. And the ability to delete a dish. **(15 points)**
7. Retain the server-side validation from Assessment 6. If it wasn't working make sure to implement it for LastName, EmailAddress, PhoneNumber and DishName. **(5 points)**

The UI should have links or buttons so that a user can easily and intuitively accomplish the above tasks.



Sample Output

View rendered when "See all Dishes" link is clicked:

localhost:44326/Home/AllDishes

FoC Potluck RSVP Bring a Dish **See all Dishes**

TM Name	TM Phone Number	Dish Name	Dish Description	Category	Edit	Delete
Hemery Phifer	212-839-5574	Burritos	Carnitas with applesauce glaze	Main	Edit	Delete
Riley Shirk	906-548-9927	Nachos	with chorizo, peppers and salsa	Appetizer	Edit	Delete
Tiia Kansa	313-319-5164	Galette	Apple	Dessert	Edit	Delete
Moe Kansa	313-319-5164	Kibble	Salmon and Liver Flavor	Appetizer	Edit	Delete

View rendered immediately after clicking "delete" by Tiia's dish:

localhost:44326/Home/AllDishes

FoC Potluck RSVP Bring a Dish [See all Dishes](#)

TM Name	TM Phone Number	Dish Name	Dish Description	Category	Edit	Delete
Hemery Phifer	212-839-5574	Burritos	Carnitas with applesauce glaze	Main	Edit	Delete
Riley Shirk	906-548-9927	Nachos	with chorizo, peppers and salsa	Appetizer	Edit	Delete
Moe Kansa	313-319-5164	Kibble	Salmon and Liver Flavor	Appetizer	Edit	Delete

View rendered after clicking "edit" by Moe's dish (I will edit the dish description):

FoC Potluck RSVP Bring a Dish [See all Dishes](#)

Edit the dish:

Name:

Phone number:

Dish Name:

Dish Description:

Dish Category:





Finally, view after clicking submit after making an edit:

FoC Potluck RSVP Bring a Dish See all Dishes

TM Name	TM Phone Number	Dish Name	Dish Description	Category	Edit	Delete
Hemory Phifer	212-839-5574	Burritos	Carnitas with applesauce glaze	Main	Edit	Delete
Riley Shirk	906-548-9927	Nachos	with chorizo, peppers and salsa	Appetizer	Edit	Delete
Moe Kansa	313-319-5164	Kibble	Chicken and Giblets Flavor	Appetizer	Edit	Delete

Rubric

Build Spec #	Points Possible	Points Scored
1 – Two database tables (10 each)	20	
2 – RSVP and store data in table	15	
3 – Sign up to bring a dish and store data in table	15	
4 – View a list of all the dishes in the Dish table	15	
5 – Edit a dish	15	
6 – Delete a dish	15	
7 – Server side validation	5	
Total	100	