Assessment 8: FoC Potluck Part 2



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:

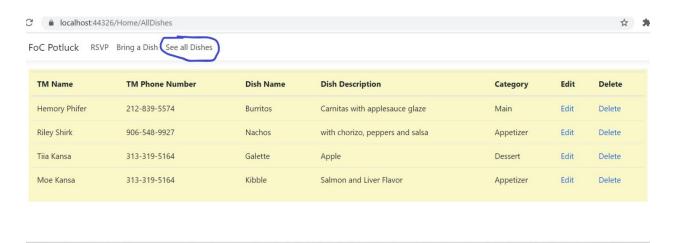
- A user can RSVP as before, and see the confirmation page, but now that information will be saved in the database to the TeamMember table. (15 points)
- 3. A user can sign up to bring a dish as before, and see the confirmation page, but now that information will be saved in the database to the Dish table. (15 points)
- 4. Additionally, a user will be able to see a list of all the dishes in the database. (15 points)
- 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.

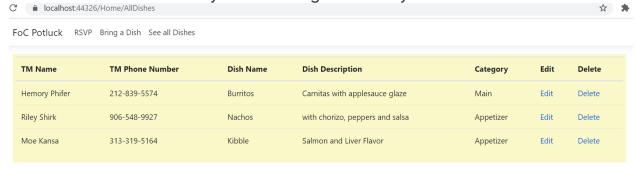


Sample Output

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



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



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

FoC Potluck RSVP Bring a Dish See all Dishes





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 | |