

b_cakes

Final Project by Brandee McKinney

User Story:

This is for me (the cake decorator) to enter information of an order for one or more cakes based on the customer's request so it can be stored electronically. I am the only "staff" so a staff table is not required. This will help me be able to create, view, update and delete orders electronically rather than using my current paper-based system.

Tables:

- Customers
 - Customer (pk) - cannot be null
 - First name (varchar) - cannot be null
 - Last name - cannot be null
 - Phone number - cannot be null
- Cake
 - Cake (pk) – cannot be null
 - Customer_fk – cannot be null
 - Size (enum) – cannot be null
 - Quarter sheet, 5 inch round, 8 inch round
 - Flavor (enum) – cannot be null
 - White, confetti, chocolate, red velvet, carrot
 - Frosting (enum) – cannot be null
 - White buttercream, chocolate buttercream, white whipped, chocolate whipped, cream cheese
- Orders
 - Order (pk) - cannot be null
 - Customer (fk - int) - cannot be null
 - Cake (fk - int) - cannot be null
 - Date needed (date) - cannot be null
 - Time needed (varchar) - cannot be null
 - Delivery address (varchar) – not required/can be null
 - Décor info(varchar) – can be null
 - (this is used to capture details of the order such as a theme, requested colors, text on the cake, etc.)
 - Order status (enum) - cannot be null
 - Received, started, ready, complete

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Operations:

- Customer
 - Create
 - Create a customer
 - Read
 - Pull customer information
 - Update
 - Update customer information
- Cake
 - Create
 - Create a cake
 - Update
 - Update a cake
 - Read
 - View cakes
- Order
 - Create
 - Create an order
 - Update
 - Update details of an order (change of delivery address, flavor, frosting, etc.)
 - Read
 - Read/view final order
 - Delete
 - Delete completed orders

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ERD:

