**Data Dictionary**

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| **dbo.Employees** | | | | |
| **COLUMN\_NAME** | **NULLABLE** | **DATA\_TYPE** | **DATA\_VALIDATION** | **COLUMN\_DESCRIPTION** |
| EmployeeId | NO | INT | Only whole numbers | Primary Key, Auto Generated & Unique |
| Username | NO | VARCHAR(200) | Up to 200-character limit | Employee's Username & Unique |
| Password | NO | VARCHAR(200) | Up to 200-character limit | Employee's password & encrypted for security purposes |
| EmFirstName | NO | VARCHAR(50) | Up to 50-character limit | Employee's first name |
| EmLastName | NO | VARCHAR(50) | Up to 50-character limit | Employee's last name |
| EmCellPhone | YES | VARCHAR(15) | Up to 15-character limit | Employee's cell phone |
| EmEmail | NO | VARCHAR(50) | Up to 50-character limit | Employee's email |
| EmStartMonday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Monday |
| EmEndMonday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Monday |
| EmStartTuesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Tuesday |
| EmEndTuesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Tuesday |
| EmStartWednesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Wednesday |
| EmEndWednesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Wednesday |
| EmStartThursday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Thursday |
| EmEndThursday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Thursday |
| EmStartFriday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Friday |
| EmEndFriday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Friday |
| EmStartSaturday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Saturday |
| EmEndSaturday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Saturday |
| EmStartSunday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Sunday |
| EmEndSunday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Sunday |
| EmZipCodes | YES | VARCHAR(MAX) | No character limit | List of ZipCodes the employee is available to work in |
| IsMenu | NO | BIT | 0=False; 1=True | Determines if the employee is part of the Menu Team & if IsAdmin is also false then Employee is Chef |
| IsAdmin | NO | BIT | 0=False; 1=True | Determines if the employee is part of the Admin Team & if IsMenu is also false then Employee is Chef |
| EmIsActive | NO | BIT | 0=False; 1=True | Determines if the Employee is active |
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| **dbo.Clients** | | | | |
| **COLUMN\_NAME** | **NULLABLE** | **DATA\_TYPE** | **DATA\_VALIDATION** | **COLUMN\_DESCRIPTION** |
| ClientId | NO | INT | Only whole numbers | Primary Key, Auto Generated & Unique |
| EmployeeId | YES | INT | Only whole numbers | Foreign Key references dbo.Employees EmployeeId & Assigns a chef to a client |
| ClFirstName | NO | VARCHAR(50) | Up to 50-character limit | Client's first name |
| ClLastName | NO | VARCHAR(50) | Up to 50-character limit | Client's last name |
| ClCellPhone | YES | VARCHAR(15) | Up to 15-character limit | Client's cell phone |
| ClEmail | NO | VARCHAR(50) | Up to 50-character limit | Client's email |
| Address1 | NO | VARCHAR(50) | Up to 50-character limit | Client's home street |
| Address2 | YES | VARCHAR(50) | Up to 50-character limit | Client's Apt, Suite, etc |
| City | NO | VARCHAR(50) | Up to 50-character limit | Client's city |
| State | NO | VARCHAR(2) | Up to 2-character limit | Client's state |
| ZipCode | NO | VARCHAR(5) | Up to 5-character limit | Client's zipcode |
| StoveOven | NO | BIT | 0=False; 1=True | Does the Client have a stove or oven? |
| Allergies | YES | VARCHAR(300) | Up to 300-character limit | List of Client's allergies |
| DietRestrictions | YES | VARCHAR(300) | Up to 300-character limit | List of Client's diet restrictions |
| DietGoals | YES | VARCHAR(300) | Up to 300-character limit | List of Client's diet goals? |
| OrganicMeals | NO | BIT | 0=False; 1=True | Does the Client want organic meals? |
| PreferredMeats | YES | VARCHAR(200) | Up to 200-character limit | List of meats the Client likes |
| MeatsToAvoid | YES | VARCHAR(200) | Up to 200-character limit | List of meats the Client dislikes |
| PreferredCheeses | YES | VARCHAR(200) | Up to 200-character limit | List of cheeses the Client likes |
| CheesesToAvoid | YES | VARCHAR(200) | Up to 200-character limit | List of cheeses the Client dislikes |
| PreferredGrains | YES | VARCHAR(200) | Up to 200-character limit | List of grains the Client likes |
| GrainsToAvoid | YES | VARCHAR(200) | Up to 200-character limit | List of grains the Client dislikes |
| SpiceLevel | YES | VARCHAR(100) | Up to 100-character limit | How spicy does the Client want their meals? |
| OtherToAvoid | YES | VARCHAR(300) | Up to 300-character limit | Any other foods the Client wants to avoid |
| MainDishSoupSaladStew | YES | VARCHAR(100) | Up to 100-character limit | Does the Client consider soup, salad, or stew as main dishes? |
| MealSize | YES | VARCHAR(100) | Up to 100-character limit | How big of meals does the Client desire? |
| StoreContainers | NO | BIT | 0=False; 1=True | Does the Client have their own storage containers? |
| PreferredGroceryStore | YES | VARCHAR(200) | Up to 200-character limit | What grocery store does the Client want food from? |
| ExtraNotes | YES | VARCHAR(MAX) | No character limit | Any other notes from the consultation call |
| ClStartMonday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Monday |
| ClEndMonday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Monday |
| ClStartTuesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Tuesday |
| ClEndTuesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Tuesday |
| ClStartWednesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Wednesday |
| ClEndWednesday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Wednesday |
| ClStartThursday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Thursday |
| ClEndThursday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Thursday |
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| ClEndFriday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Friday |
| ClStartSaturday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Saturday |
| ClEndSaturday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Saturday |
| ClStartSunday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time available to start on Sunday |
| ClEndSunday | YES | TIME(7) | 00Hour:00Minute:00Second Format | Time availability ends on Sunday |
| ClIsActive | NO | BIT | 0=False; 1=True | Determines if the Client is active |
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| **dbo.Menus** | | | | |
| **COLUMN\_NAME** | **NULLABLE** | **DATA\_TYPE** | **DATA\_VALIDATION** | **COLUMN\_DESCRIPTION** |
| MenuId | NO | INT | Only whole numbers | Primary Key, Auto Generated & Unique |
| Name | NO | VARCHAR(200) | Up to 200-character limit | Name of the meal |
| Ingrendients | YES | VARCHAR(MAX) | No character limit | Ingredients that make up the meal |
| Instructions | YES | VARCHAR(MAX) | No character limit | Step by step instructions on how to cook the meal |
| Servings | YES | INT | Only whole numbers | Number of servings the meal provides |
| Time | YES | VARCHAR(200) | Up to 200-character limit | Time required to make the meal |
| MealType | YES | VARCHAR(200) | Up to 200-character limit | Type of meal: Breakfast, Lunch, Dinner, Snack, etc |
| Notes | YES | VARCHAR(MAX) | No character limit | Any extra notes required for the meal |
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| **dbo.Schedules** | | | | |
| **COLUMN\_NAME** | **NULLABLE** | **DATA\_TYPE** | **DATA\_VALIDATION** | **COLUMN\_DESCRIPTION** |
| ScheduleId | NO | INT | Only whole numbers | Primary Key, Auto Generated & Unique |
| ScheduleDate | NO | DATE | MM/DD/YYYY Format | Date the Chef goes to the Client to cook the meal |
| StartTime | NO | TIME(7) | 00Hour:00Minute:00Second Format | Time the scheduled date begins |
| EndTime | NO | TIME(7) | 00Hour:00Minute:00Second Format | Time the scheduled date ends |
| Clockin | YES | TIME(7) | 00Hour:00Minute:00Second Format | Records the time the Chef clocks in |
| Clockout | YES | TIME(7) | 00Hour:00Minute:00Second Format | Records the time the Chef clocks out |
| ImagePath | YES | VARCHAR(200) | Up to 200-character limit | Stores an image url of the Client's receipt of groceries |
| Cost | YES | DECIMAL(6,2) | Allows format 1000.00 | Business cost of the scheduled meal |
| Charged | YES | DECIMAL(6,2) | Allows format 1000.00 | Client's price of the scheduled meal |
| EmployeeId | NO | INT | Only whole numbers | Foreign Key references dbo.Employees EmployeeId & Assigns a Chef to the scheduled meal |
| ClientId | NO | INT | Only whole numbers | Foreign Key references dbo.Clients ClientId & Assigns a Client to the scheduled meal |
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| **dbo.ClientMenus** | | | | |
| **COLUMN\_NAME** | **NULLABLE** | **DATA\_TYPE** | **DATA\_VALIDATION** | **COLUMN\_DESCRIPTION** |
| ClientMenuId | NO | INT | Only whole numbers | Primary Key, Auto Generated & Unique |
| MenuId | NO | INT | Only whole numbers | Foreign Key references dbo.Menus MenuId & Assigns a meal for a client |
| ScheduleId | NO | INT | Only whole numbers | Foreign Key references dbo.Schedules ScheduleId & Assigns a schedule the meal belongs too |
| ClientMenuNotes | YES | VARCHAR(MAX) | No character limit | Any extra notes on the meal assignment |