# Meals on Map database tables - Tentative

The database tables to be created for MOM are defined based on the webpages that we are planning to design. Below mentioned will show the necessary tables with attributes which might become necessary while designing the pages. A rough estimate of the tables is mentioned below based on the pages being designed.

# Homepage

* To view upcoming meals, the “upcoming\_meals” table
* Containing
  + Dish – the name of the dish being provided – Char Field
  + Provider\_ID – Foreign key, from the provider table – Integer field
  + Time – time at which the provider is making the dish available – DateTime Field
  + Zipcode – location where the dish is made available at that particular time – integer field
  + Validity – time till which this meal is provided – DateTime Field
  + Qty\_Available – available in the able, but not shown in this page, the headcount for which the dish is being prepared- Integer Field
  + Sold\_Out – (Y/N) – available in the able, but not shown in this page, Char Field
* To vie the specials in the homepage, we would need the “todays\_specials” table
* Containing
  + Dish – Char Field
  + Provider\_ID – Foreign key from Provider table
  + Description – Charfield
  + Time – DateTime Field
  + Zipcode – Integer Field
  + EndTime – DateTime Field

# Registration/Sign-Up page

* To capture the details asked we need a “User” table.
* Containing
  + Username – Char Field
  + Email\_ID – EmailField
  + CustomerID – foreign key from the Customer table
  + ProviderID – foreign key from the Provider table
  + Role – Char Field
  + Logged\_In\_Flag – Char Field
  + Logged\_in\_Time – DateTime Field

# Customer Login Page

* To display today’s menu, we would need a table which contains most of the “upcoming\_meals” table along with few other parameters based on the search criteria – needs to be managed using the backend code
* To place\cancel an order, and to check the order history we need the “Order” table containing
  + Dish
  + Provider\_ID
  + Time
  + CreditCard\_Number
  + CreditCard\_Validity
  + CC\_CVV
  + Order\_ConfMail\_Flag (Y/N) – indicates of an order confirmation mail has been sent or not.
  + Time\_of\_Order – time at which the order was placed
* To modify the Customer/Provider profile we would need a table called “User\_profiles” where the details of both customers and providers are stored, excluding their credit card and Bank details captured by the payment system.
* The “User\_profiles” table to be designed containing
  + Role
  + Customer\_ID
  + Provider\_ID
  + Address
  + Contact\_No
  + //more TBD

# Provider Login page

* This page predominantly shows the same as the “User\_profiles” table for editing the profile of providers and also the other details taken from the “upcoming\_meals” table.

Apart from these the other generic tables available are:

* “Customer” table containing
  + Customer\_name
  + Customer\_Email
  + Customer\_ID
* “Provider” table containing
  + Provider\_ID
  + Provider\_Email
  + Provider\_name
* “Dish” table containing
  + Provider\_ID
  + Provider\_name
  + Ratings
  + Available\_Date

//Additional tables added – on the fly

