Tables:

1. members
   1. Email, name, password, num\_likes
   2. Primary key: email
2. Fridge
   1. Email, ingredient
   2. Primary key: everything
   3. Foreign key: everything
3. Ingredients
   1. Ingredient, nutrients 1- 10, weight1, measure1, weight2, measure2
   2. Primary key: ingredient\_name
4. Dishes[[1]](#footnote-1)
   1. Dishname
5. Recipe
   1. Recipe\_id, dishname, email, instructions, num\_comments, num\_likes, 10 nutrients, num\_served, time\_created
   2. Primary key: recipe\_id
   3. Foreign key: dishname
6. Recipe\_Ingredients
   1. Recipe\_id, ingredient, quantity\_type, quantity
   2. Primary key: recipe\_id, ingredient
   3. Foreign key: ingredient, recipe
7. Recipe Comments
   1. Comment\_id, Recipe\_id, email, comment
   2. Primary key: comment\_id
   3. Foreign key: email, recipe\_id
8. Recipe Likes
   1. Liker\_email, likee\_email, recipe\_id
   2. Primary key: everything
   3. Foreign key: everything

ER Schema

A. Tables from FreeBase

1. Ingredients
   1. Primary key: ingredients
2. Dishes
   1. Primary key: dish\_name
3. Cheese
   1. Primary key: cheese\_name
4. Tea
   1. tea, type, region
   2. Primary key: tea\_name

B. Organic Tables

1. Members
   1. ­email, name, password
   2. Primary key: email
2. Menuoverview
   1. menu\_id, cook\_time, preparation\_time, brief\_description, steps, main\_ingredient, dish\_name
   2. Primary key: menu\_id
   3. Foreign key: dish\_name
3. Menu\_Details
   1. Menu\_id,
   2. Primary key: menu\_id
   3. Foreign key: menu\_id

1. To ensure consistency in naming, makes search easier. [↑](#footnote-ref-1)