

## **Entity relationship diagram and information of the database**

I have decided to use Mongo DB as it is an easy and efficient database that I am more comfortable and familiar with and thus have decided to implement it into my application. Below is a breakdown of my database and what is included in it, as well as the ER diagram

### **Basic functionality of the app:**

1. Allow users to register onto the site.
2. Allow users to login to the site.
3. Allow users to add, update and delete recipes and store them on the database.
4. Allow users to view all recipes.
5. Users can logout of the app.
6. Only logged in users can perform add, update and delete functionality.

### **Object identification:**

**The entities involved in the database will be**

1. Foodname- to store the recipes in.
2. Chefs- to store user information in

### **Collection lists to meet the object identification:**

1. Foodname collection- including author, recipe name, ingredients and instructions.
2. Chefs collection – including name, password and email.

### **Object properties:**

1. **Foodname**  
-Author, Recipename, Ingredients and Instructions
2. **Chefs**  
-Name, Password and Email.

### **Field types:**

- **Foodname:**  
Author (TEXT)  
Recipename (TEXT)  
Ingredients (TEXT)  
Instructions (TEXT)
- **Chefs:**  
Name (TEXT)  
Password (TEXT, INT)  
Email (TEXT, INT)

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### Depict my schema in an ER diagram

Below is the ER diagram and final version I have produced showing the database and the two collections found in the recipes database as this is not a SQL database and a mongo DB database, there are no primary and foreign keys.

