Data Documentation.

We used MongoDB as our database for the Drnkr app.

User and Recipe Collections schemas are created when a user signs up.

//This is a recipes schema. The likes array stores the name of owners. When a user likes a recipe, his/her name/id is added to the array. Whenever a user likes the same recipe again, his/her name will get removed from the array and the like will be undone. The thumbnail field just stores the picture of a recipe, and the numlikes stores the number of likes that a recipe has.

**Recipes Schema**

var RecipeSchema = new Schema({

title: String,

href: String,

ingredients: Object,

thumbnail: String,

likes: [{

owner: { type: String, ref: 'User'}

}],

numLikes: { type: Number, default: 0},

});

//This is a user schema that is created every time a new user creates an account. One important thing to notice is that every time a user schema is created, a user’s collection schema is simultaneously created. The user collection schema is similar to an amazon cart where recipes specific to a user are stored in a cart. Whenever a user is removed from the database, that user’s collection schema is also automatically removed.

**User’s Schema**

var UserSchema = new mongoose.Schema({

email: {type: String, unique: true, lowercase: true},

password: String,

firstName: {type: String, default: ''},

lastName: {type: String, default: ''},

facebook: {

id: String,

token: String,

email: String,

name: String

}

});

//This is a user’s collection schema that has an array of recipes. As you can see it references the user schema because each collection schema is specific to a user.

**User’s Collection Schema**

var RecipesSchema = new Schema({

owner: { type: Schema.Types.ObjectId, ref: 'User'},

items: [{

item: { type: Schema.Types.ObjectId, ref: 'Recipe'}

}]

});