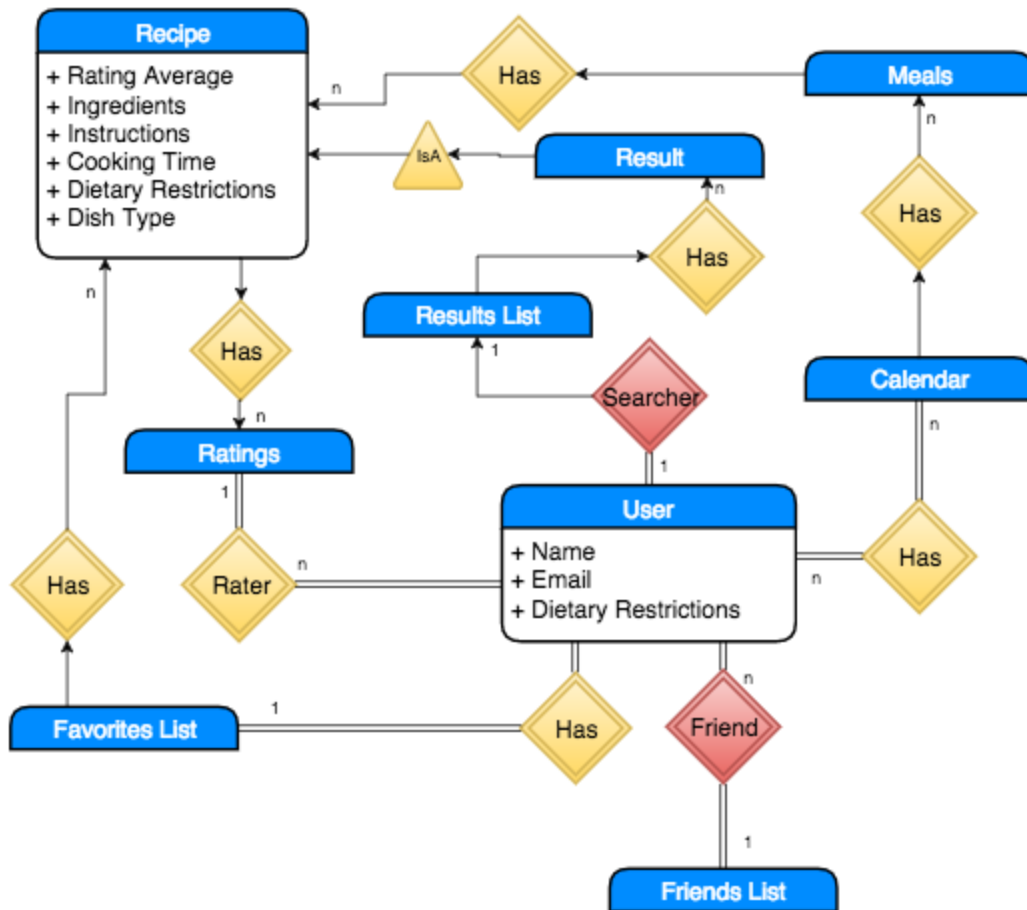


Broad Overview:

The two main components of Laziz are a user and recipes, and the ER diagram demonstrates the different ways that users can interact with recipes. They can rate recipes, save recipes to their favorites list, put recipes in the calendar, or send recipes to their friends. They can also search for recipes, either in the browsing or insta mode.

ER Diagram:



User: The user will have a name, email, and a list of dietary restrictions. The user can be a friend, searcher, and rater. Each user has a favorites list, friends list and calendar.

Favorites List: A user has 1 favorites list, and each favorites list has 1 user. The favorites list will contain a list of recipes the user likes has chosen to save.

Friends List: The people the user can connect to. Friends can view each other's favorite recipes, and their calendar. Each user has an unlimited number of friends and can be a friend to an unlimited number of people. There is only 1 friends list per user.

Calendar: Contains of monthly view of all the meals the user plans to cook. There will be an unlimited number of **meals**, each one containing an unlimited number of recipes. A user can have n calendars, and each calendar can have an unlimited number of people, if the users choose to share it with a group of friends.

Rater: A user has the ability to rate an unlimited number (n) of recipes and change their individual rating of a recipe. They will only be able to provide a maximum of 1 **rating** to each recipe.

Friend: A user can be a friend, and can be a friend to an unlimited number (n) of people. They will also have 1 active **friends list**.

Searcher: A user can only search once at a time, and each search will provide one **results list**, that will contain an unlimited number of **results**, which are recipes.

Recipe: Recipes will have an average rating, dietary restrictions, cooking time, ingredient list, dish type, and instructions.

Ratings: A list of all the ratings for a particular recipe. This list is averaged into the overall rating for the recipe.

Here is a page by page description of our entities are used:

Home Page: User is a searcher, and searches all the recipes in the application with keywords.
(Searcher)

Search Results Page: This is where the “results list” is shown after the user performs a search.
(Results List, Result)

Browse Page: This page displays recipes which can be filtered according to the user’s dietary restrictions.
(Recipes)

Recipe Page: This page displays all the properties of a “recipe.” The user can also add their own rating to the recipe’s “ratings list,” add them to their “favorites list” or “calendar,” or send them to a friend.
(Recipe)

Favorites Page: The user can see the recipes stored in their “favorites list.”
(Favorites List)

Calendar Page: The user can see the recipes stored in their “calendar,” which are categorized by “meal.”
(Calendar, Meals)

Profile Page: The user can see their “friends list,” upcoming “meals,” and adjust their “dietary restrictions.”
(Friend, Friends List, Meals)

Insta Page: The user can input a list of ingredients as the search, which will redirect to the search results page.
(Searcher)