**Project Title**: Recipe Finder

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**OBJECTIVE**: To enable users to find suitable recipes that fit their preferences.

**PROJECT DESCRIPTION**:

* The recipe\_database stores recipes of various cuisines, authored by chefs of different nationalities. Each recipe is given a unique recipe id and name along with the chef’s name who authored it. The recipe includes a detailed description of the ingredients involved, the preparation method, the time involved and the serving size.
* The database also includes the personal details of the chefs like his name, email id, the cuisine he specializes in and his nationality.
* A feature to rate the recipes on a scale from 1-5 is provided to the users. The system calculates the cumulative rating for every recipe and displays it, to enhance the users’ search for finding a suitable recipe. The above functionality is implemented by the Feedback entity.
* The system also captures the user details to enable a better user experience.
* Examples of possible use cases

-User wants a paneer recipe from the Mediterranean cuisine with a rating above 4.

-User wants all mushroom soup recipes by Chef Xyz.

-User wants all Indian veg recipes with mushroom and capsicum as ingredients.

-User wants a Mexican recipe with preparation time under 40 minutes.

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| **ENTITY** | **ATTRIBUTES** |
| Chef | chef\_id, name, email, cuisine\_name, nationality |
| Recipe | recipe\_id, chef\_id, title, cuisine\_name, description, chef\_name, ingredients\_description, method\_description, rating, prep\_time, serving\_size |
| Cuisine | name, description |
| Feedback | feedback\_id, user\_id, recipe\_id, rating\_time, rating |
| User | user\_id, name, location, email |

**RELATIONSHIPS**:

* Chef **creates** Recipe.
* Recipe **has** Cuisine.
* User **views** Recipe.
* User **gives** Feedback.