

Database's Models

Nutr.io

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1 Conceptual Model

2 Relational Model

- **Submitter**

- Attributes: **SubmitterId**, SubmitterName
- Primary Key(s): **SubmitterId**
- Foreigner Key(s): -

- **User**

- Attributes: **SubmitterId**, **email**, sessionSecret, submitterName
- Primary Key(s): SubmitterId
- Foreigner Key(s): SubmitterId

- **API**

- Attributes: **SubmitterId**, apiToken, submitterName
- Primary Key(s): SubmitterId
- Foreigner Key(s): SubmitterId

- **Submission**

- Attributes: **SubmissionId**, **RestaurantId**, SubmitterId
- Primary Key(s): **SubmissionId**, **RestaurantId**, SubmitterId
- Foreigner Key(s): SubmitterId, SubmitterId

- **Reports**

- Attributes: **reportId**, SubmitterId, SubmissionId, restaurantId, Description
- Primary Key(s): **reportId**, SubmitterId, SubmissionId, restaurantId
- Foreigner Key(s): SubmitterId, SubmissionId, restaurantId

- **Votable**

- Attributes: SubmitterId, SubmissionId, restaurantId, votes
- Primary Key(s): SubmitterId, SubmissionId, restaurantId
- Foreigner Key(s): SubmitterId, SubmissionId, restaurantId

- **Restaurant**

- Attributes: SubmissionId, RestaurantId, SubmitterId, restaurantName, location
- Primary Key(s): SubmissionId, RestaurantId, SubmitterId
- Foreigner Key(s): SubmissionId, RestaurantId, SubmitterId

- **SubmittedMeal**

- Attributes: SubmissionId, RestaurantId, SubmitterId, mealId

- Primary Key(s): SubmissionId, RestaurantId, SubmitterId, mealId
- Foreigner Key(s): SubmissionId, RestaurantId, SubmitterId, mealId
- **Portion**
 - Attributes: SubmissionId, RestaurantId, SubmitterId, mealId, quantity
 - Primary Key(s): SubmissionId, RestaurantId, SubmitterId, mealId
 - Foreigner Key(s): SubmissionId, RestaurantId, SubmitterId, mealId
- **Meal**
 - Attributes: mealId, SubmissionId, RestaurantId, SubmitterId, cuisineName, mealName
 - Primary Key(s): SubmissionId, RestaurantId, SubmitterId
 - Foreigner Key(s): SubmissionId, RestaurantId, SubmitterId, cuisineName
- **Cuisine**
 - Attributes: cuisineName, SubmissionId, RestaurantId, SubmitterId
 - Primary Key(s): cuisineName
 - Foreigner Key(s): SubmissionId, RestaurantId, SubmitterId
- **Ingredient**
 - Attributes: ingredientId, mealId, SubmissionId, RestaurantId, SubmitterId
 - Primary Key(s): ingredientId, mealId, SubmissionId, RestaurantId, SubmitterId
 - Foreigner Key(s): mealId, SubmissionId, RestaurantId, SubmitterId