

Relational Schema

Credit Card

<u>CCID</u>	CCNumber	CCCode	CCType	ExpDate
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Notation:

Primary Key

Foreign Key

Ingredients

<u>IngredientID</u>	Name
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Recipe

<u>RecipeID</u>	RecipeName	TimeToMake	Link
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RecipeIngredients (Recipe Uses Ingredients)

<u>RecipeIngredientsID</u>	<i>RecipeID</i>	<i>IngredientID</i>
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UserCreditCard (User Has Credit Card)

<u>UserCreditCardID</u>	<i>CCID</i>	<i>User</i>
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UserIngredientList (User Uses Ingredient)

<u>UserIngredientListID</u>	<i>IngredientID</i>	<i>UserID</i>	Quantity	Expiration Date
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UserRecipe (User Saves Recipe)

<u>UserRecipeID</u>	<i>RecipeID</i>	<i>UserID</i>
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Users

<u>UserID</u>	Username	Password
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A note about redundancy:

No table in our schema contains redundant information. However, we chose to add additional primary keys for each table to ensure uniqueness in the event one user had multiple accounts, one for party-planning and another for everyday meals, et cetera.