meal_type

id		tinyint	NN
meal_type		varchar(30)	NN

recipe_meal_type

id		int	NN
meal_type_id		tinyint	NN
recipe_id		int	NN

diet

id		tinyint	NN
diet		varchar(35)	NN

recipe_diet

id		int	NN
diet_id		tinyint	NN
recipe_id		int	NN

style

id		tinyint	NN
style		varchar(35)	NN

recipe_style

id		int	NN
style_id		tinyint	NN
recipe_id		int	NN

user

id		int	NN
username		varchar(20)	NN
profile_image_url		varchar(255)	
email_address		varchar(100)	NN
password_hash		varbinary(60)	NN
joined_at		timestamp	NN
role_id		tinyint	NN
active		boolean	NN

recipe

id		int	NN
user_id		int	NN
recipe_title		varchar(100)	NN
prep_time_minutes		int	NN
cook_time_minutes		int	NN
description		varchar(255)	NN
created_at		timestamp	NN
yield		decimal(10,2)	NN
measurement_id		tinyint	NN
servings		smallint	NN
visibility_id		tinyint	NN

direction

id		int	NN
recipe_id		int	NN
direction_line_item		tinyint	NN
direction_text		varchar(255)	NN
sort_order		tinyint	

ingredient

id		int	NN
recipe_id		int	NN
ingredient_line_item		tinyint	NN
quantity		decimal(10,2)	NN
ingredient_name		varchar(100)	NN
measurement_id		tinyint	NN
sort_order		tinyint	NN

role

id		tinyint	NN
role		varchar(10)	NN

visibility

id		tinyint	NN
visibility		varchar(255)	NN

measurement

id		tinyint	NN
measurement		varchar(255)	NN

image

id		int	NN
recipe_id		int	NN
image_line_item		tinyint	NN
image_url		varchar(255)	NN
sort_order		tinyint	

rating

id		int	NN
recipe_id		int	NN
rater_user_id		int	NN
rating_level		rating_level_enum	E	NN
created_at		timestamp	NN

video

id		int(10)	NN
recipe_id		int	NN
youtube_url		varchar(125)	NN

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meal_type
| id | tinyint NN |
| meal_type | varchar(30) NN |

recipe_meal_type
id	int NN
meal_type_id	tinyint NN
recipe_id	int NN

diet
| id | tinyint NN |
| diet | varchar(35) NN |

recipe_diet
id	int NN
diet_id	tinyint NN
recipe_id	int NN

style
| id | tinyint NN |
| style | varchar(35) NN |

recipe_style
id	int NN
style_id	tinyint NN
recipe_id	int NN

user
id	int NN
username	varchar(20) NN
profile_image_url	varchar(255)
email_address	varchar(100) NN
password_hash	varbinary(60) NN
joined_at	timestamp NN
role_id	tinyint NN
active	boolean NN

recipe
id	int NN
user_id	int NN
recipe_title	varchar(100) NN
prep_time_minutes	int NN
cook_time_minutes	int NN
description	varchar(255) NN
created_at	timestamp NN
yield	decimal(10,2) NN
measurement_id	tinyint NN
servings	smallint NN
visibility_id	tinyint NN

direction
id	int NN
recipe_id	int NN
direction_line_item	tinyint NN
direction_text	varchar(255) NN
sort_order	tinyint

ingredient
id	int NN
recipe_id	int NN
ingredient_line_item	tinyint NN
quantity	decimal(10,2) NN
ingredient_name	varchar(100) NN
measurement_id	tinyint NN
sort_order	tinyint NN

role
| id | tinyint NN |
| role | varchar(10) NN |

visibility
| id | tinyint NN |
| visibility | varchar(255) NN |

measurement
| id | tinyint NN |
| measurement | varchar(255) NN |

image
id	int NN
recipe_id	int NN
image_line_item	tinyint NN
image_url	varchar(255) NN
sort_order	tinyint

rating
id	int NN
recipe_id	int NN
rater_user_id	int NN
rating_level	rating_level_enum E NN
created_at	timestamp NN

video
id	int(10) NN
recipe_id	int NN
youtube_url	varchar(125) NN

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```
Enum rating_level_enum {
    1
    2
    3
    4
    5
}
```