

Class diagram:

| Recipe |
|---|
| <ul style="list-style-type: none">- _title: String- _description: String- _ingredients: String- _instructions: String- _time: String- _image: String- _category: String |
| <ul style="list-style-type: none">+ Recipe(\$_title, \$_description, \$_time, \$_image, \$_category) |

| StandardRecipe |
|--|
| <ul style="list-style-type: none">- _measure: String |
| <ul style="list-style-type: none">+ StandardRecipe(\$_title, \$_description, \$_time, \$_image, \$_category) |

| MetricRecipe |
|--|
| <ul style="list-style-type: none">- _measure: String |
| <ul style="list-style-type: none">+ MetricRecipe(\$_title, \$_description, \$_time, \$_image, \$_category) |

ER diagram

| Recipes |
|--|
| <ul style="list-style-type: none">- recipe_id int PK- title varchar(30)- description text- ingredients text- instructions text- time varchar(30)- measure char(10)- image varchar(50)- date_created datetime- category int FK (category_id FROM category) |

| Category |
|---|
| <ul style="list-style-type: none">- category_id int PK- category varchar(30) |