**Yummy! Database structure**

A structure of every kind of document used in “Yummy!” database.

Collections:

1. Name: Cookbooks

Document structure:

{

"\_id": primary key,

"password": string,

"created\_on": date,

"cookbook\_name": string,

"author\_name": string foreign key (recipes.recipe.author\_name),

"cookbook\_desc": string,

"recipes\_number": int,**(variable used only when saving images)**

"recipes\_pinned": [], **(arrays storing documents helpful in displaying recipes on user’s page)**

"recipes\_owned": [],

}

Nested elements of "recipes\_pinned" and "recipes\_owned" structure:

{

"\_id": primary key,foreign key (recipes.recipe.\_id),

"title": string

}

1. Name: Recipes

Document structure:

{

"\_id":pk,

"created\_on": date,

"image\_url": string,

"preparation\_steps\_list": [ string ],

"cooking\_time": string,

"dish\_type": string foreign key(dishes.dish.name),

"upvotes": int,

"difficulty": string,

"author\_name": string foreign key(cookbooks.cookbook.author\_name),

"recipe\_name": string,

"views": int,

"ingredients\_list": [ string ],

"cuisine\_name": string foreign key(cuisines.cuisine.name),

"servings": string

}

1. Name: Cuisines

Document structure:

{

"\_id": pk,

"name": string foreign key,

"image\_url": string

}

1. Name: Dishes

Document structure:

{

"\_id": pk,

"name": string foreign key,

"image\_url": string

}