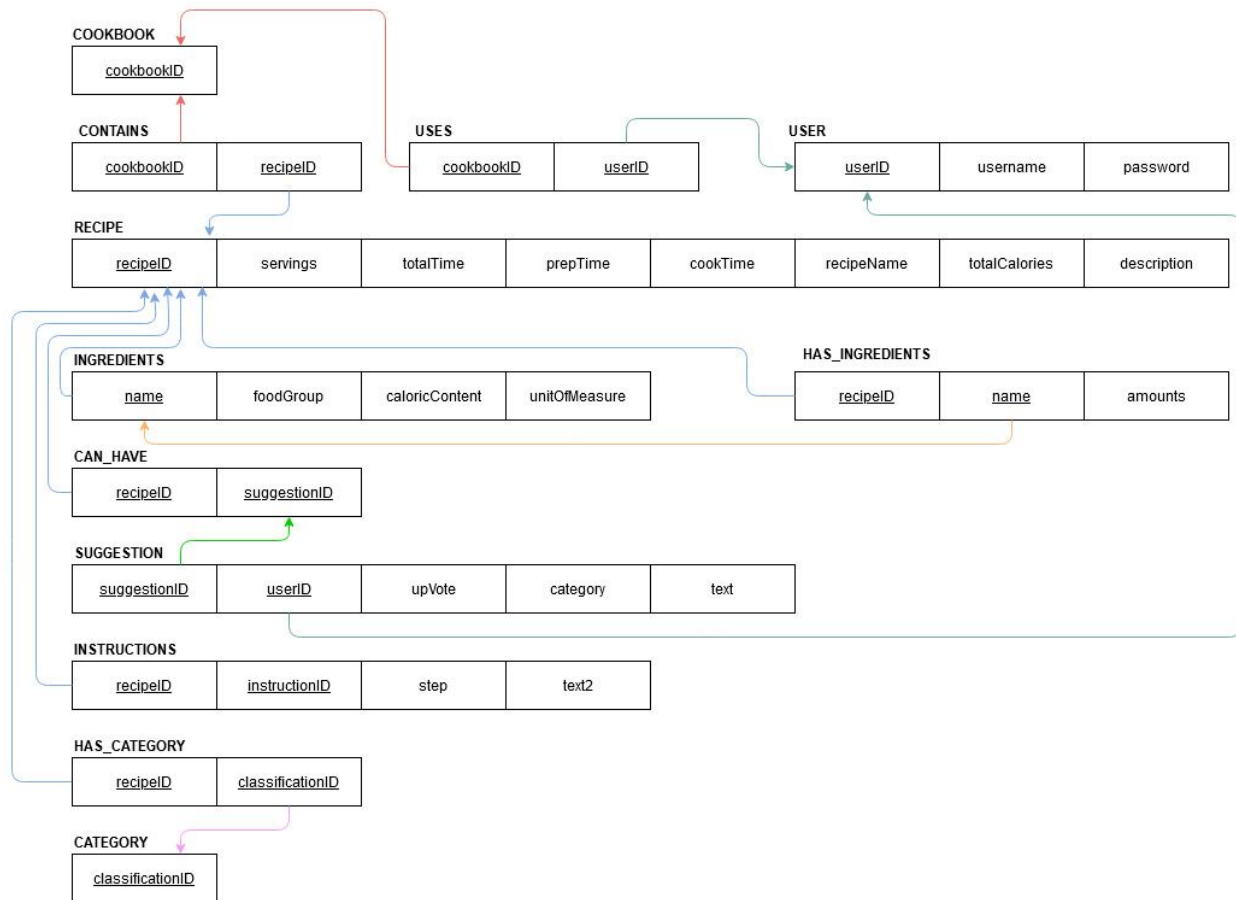


Team 20
 Deliverable 3
 Kimberlee Gentry, Edward Kim, Kyle Stearns



```

create schema cookbook;

create table cookbook.cookbook(
  cookbookID      INT                NOT NULL    AUTO_INCREMENT,
  primary key(cookbookID)
);

create table cookbook.category(
  classificationID INT                NOT NULL,
  primary key(classificationID)
);

```

```
);

create table cookbook.recipe(
recipeID          INT          NOT NULL    AUTO_INCREMENT,
name              VARCHAR(25)   NOT NULL,
category          VARCHAR(25)   NOT NULL,
description        VARCHAR(250)  NOT NULL,
servings          INT,
totalTime         TIME,
prepTime          TIME,
cookTime          TIME,
totalCalories     INT,
classificationID  INT          NOT NULL,
primary key(recipeID),
foreign key(classificationID) references category(classificationID)
);
```

```
create table cookbook.ingredients(
name              VARCHAR(25)   NOT NULL,
foodGroup         VARCHAR(25)   NOT NULL,
unitOfMeasure     VARCHAR(25)   NOT NULL,
caloricContent    INT,
primary key(name)
);
```

```
create table cookbook.suggestion(
recipeID          INT          NOT NULL,
suggestionID      INT          NOT NULL    AUTO_INCREMENT,
upVote            INT(5)       NOT NULL,
category          VARCHAR(25)   NOT NULL,
text              VARCHAR(250)  NOT NULL,
primary key(suggestionID),
foreign key(recipeID) references recipe(recipeID)
);
```

```
create table cookbook.instructions(
recipeID          INT          NOT NULL,
instructionID      INT          NOT NULL    AUTO_INCREMENT,
step              INT          NOT NULL,
text              VARCHAR(250)  NOT NULL,
primary key(instructionID),
foreign key(recipeID) references recipe(recipeID)
);
```

```
create table cookbook.has_ingredients(
```

```

recipeID          INT          NOT NULL,
name              VARCHAR(25)   NOT NULL,
amount           INT           NOT NULL,
primary key(name),
foreign key(recipeID) references recipe(recipeID),
foreign key(name) references ingredients(name)
);

```

```

create table cookbook.user(
userID            INT           NOT NULL    AUTO_INCREMENT,
username          VARCHAR(25)   NOT NULL,
password          VARCHAR(25)   NOT NULL,
primary key(userID)
);

```

```

INSERT INTO `cookbook` VALUES
('1'),
('2'),
('3'),
('4');

```

```

INSERT INTO `category` VALUES
('1'),
('2'),
('3'),
('4');

```

```

INSERT INTO `recipe`VALUES
(1,'Omelette','Breakfast','Delicious simple omelette made in ten
minutes', 1, '00:10:00', '00:05:00','00:05:00',400,1),
(2,'Roast Broccoli','Dinner','Delicious and easy side dish for
dinner', 2, '00:25:00', '00:05:00','00:20:00',120, 3),
(3,'Avocado on Toast','Breakfast','Simple and hardy breakfast meal
that will keep you full', 1, '00:10:00',
'00:03:00','00:07:00',200,1),
(4,'Ham and Cheese Sandwich','Lunch','Simple lunch item that even
your kids will love', 1, '00:05:00', '00:01:00','00:04:00',400,2),

```

```
(5,'Pan Seared Salmon','Dinner','Tender Salmon dish that will leave  
your mouth wanting more', 1, '00:15:00',  
'00:05:00','00:10:00',400,3);
```

```
INSERT INTO `ingredients` VALUES  
( 'Egg', 'Dairy' , 'Grams', '75'),  
( 'Olive Oil', 'Oil' , 'Tbsp', '100'),  
( 'Bread', 'Grain' , 'Grams', '80'),  
( 'Cheese', 'Dairy' , 'Grams', '100'),  
( 'Ham', 'Protein' , 'Grams', '20'),  
( 'Broccoli', 'Vegetable' , 'Grams', '60'),  
( 'Avocado', 'Vegetable' , 'Grams', '100'),  
( 'Salmon', 'Protein' , 'Ounces', '170'),  
( 'Butter', 'Oil' , 'tbsp', '120'),  
( 'Chives', 'Vegetable' , 'tbsp', '0');
```

```
INSERT INTO `has_ingredients` VALUES  
( '1', 'Egg', '150'),  
( '1', 'Chives', '2'),  
( '2', 'Broccoli', '300'),  
( '2', 'Olive Oil', '.25'),  
( '3', 'Bread', '80'),  
( '3', 'Avocado', '100'),  
( '4', 'Cheese', '200'),  
( '4', 'Ham', '180'),  
( '5', 'Salmon', '170');
```

```
INSERT INTO `suggestion` VALUES  
( '1','1','40', 'Breakfast', 'French Toast'),  
( '2','2','30', 'Lunch', 'Fried chicken leg'),  
( '3','3','24', 'Dinner', 'Roasted Rainbow Carrots'),  
( '4','4','11', 'Breakfast', 'Eggs Benedict'),  
( '5','5','9', 'Dinner', 'Ahi Poke');
```

```
INSERT INTO `instructions` VALUES  
( '1','1', '1', 'Get 2 eggs, salt, pepper, 1 tbsp of butter, and  
chopped chives'),  
( '1','2', '2', 'Turn on stove to medium high heat and place the pan  
on top'),  
( '1','3', '3', 'Add in the butter onto the pan once heated up'),  
( '1','4', '4', 'Pour the egg onto the pan and fold it inwards  
slowly'),  
( '1','5', '5', 'Once the egg is cooked fold the egg in half and add  
the chopped chives'),
```

```
('2','6', '1', 'Preheat the oven to 350 degree fahrenheit and get 300
grams of broccoli'),
('2','7', '2', 'Pour the broccoli into an oven safe pan and drizzle 1
tbsp of olive oil on top'),
('2','8', '3', 'Add salt and pepper and mix the broccoli'),
('2','9', '4', 'Place the broccoli into the oven for 20 minutes after
completed take it out and enjoy'),
('3','10', '1', 'Take a slice of bread and put it into the toaster'),
('3','11', '2', 'While toasting get half an avocado and slice it
lengthwise'),
('3','12', '3', 'Once the toast is complete take the avocado and
place it on top of the toast, using a fork to spread it'),
('3','13', '4', 'Drizzle 1/4 tbsp of olive oil on top, and salt
pepper to taste'),
('4','14', '1', 'Obtain two slices of bread and place them into the
toaster'),
('4','15', '2', 'While it is toasting get 6 slices of ham and 2
slices of cheese'),
('4','16', '3', 'Once the toast is complete, add the slices of ham
and cheese onto one toast'),
('4','17', '4', 'Using the final toast put in top and enjoy'),
('5','18', '1', 'Turn on the stove to medium high heat to preheat the
pan'),
('5','19', '2', 'While the pan is preheating, get one salmon piece
and pat it dry with a paper towel to dry it out'),
('5','20', '3', 'In the pan add in 1 tbsp of oil and while the oil is
heating up salt and pepper the skin side of the salmon'),
('5','21', '4', 'Place the skin side down salmon onto the pan and
then salt and pepper the top of the salmon'),
('5','22', '5', 'Cook skin side down for 7 minutes and flip, then
cook for an extra 3 minutes and enjoy');
```

```
INSERT INTO `user` VALUES
('1', 'CharlieFactory', 'charlie1234'),
('2', 'AbbyTabby', 'Tabby4321'),
('3', 'FrowningSmile', 'Frown123456'),
('4', 'FredRick', 'Freddyrick54321'),
('5', 'TurtleHappy', 'happyturtle321'),
('6', 'TeddyBerg', 'teddyTeddy321'),
('7', 'CuteDoggo123', 'Dogiscute123'),
('8', 'SadMummy45', 'happyMummy132');
```