

[Bug Report #0] Can't clear selected toppings

<https://github.com/TimothyLai77/eecs-3311-project/issues/37>

We added buttons to clear each category of toppings. If the user selects something by accident they can easily clear it.

[Bug Report #1] Ingredient if-else tree refactor

<https://github.com/TimothyLai77/eecs-3311-project/issues/38>

In our DbInventory.java class there was a long if-else tree that would check the ingredient name from the SQL query, and then construct a new ingredient object to be used in the sandwich.

Original code in the getIngredient() method:

```
if (ingredientName.equals("Beef")) {  
    return new Beef(ingredientName, price, "Meat");  
} else if (ingredientName.equals("American")) {  
    return new AmericanCheese(ingredientName, price, "Cheese");  
} else if (ingredientName.equals("Bread")) {  
    return new Bread(ingredientName, price, "Bread");  
} else if (ingredientName.equals("Cheddar")) {  
    return new Cheddar(ingredientName, price, "Cheese");  
} else if (ingredientName.equals("Chicken")) {  
    return new Chicken(ingredientName, price, "Meat");  
} else if (ingredientName.equals("Ketchup")) {  
    return new Ketchup(ingredientName, price, "Sauce");  
} else if (ingredientName.equals("Lettuce")) {  
    return new Lettuce(ingredientName, price, "Vegetable");  
}..... // it keeps going for every ingredient class
```

We removed the long if-else statement and replaced it with a map. When the SQL database returns the result, we input the string into a map as a key and it'll construct the ingredient to return.

Changed code:

```
Class<? extends Ingredient> ingredientClass = INGREDIENT_MAP.get(ingredientName);  
Followed by a check to see if the ingredient is null.
```

[Bug Report #2] Table content misalignment in manager view

<https://github.com/TimothyLai77/eecs-3311-project/issues/40>

We switched from displaying the data in a text field to using Java Swing Jtables. Now the data is properly aligned in both the inventory view and sales history.

[Bug Report #3] Cannot tell which ingredient is in stock

<https://github.com/TimothyLai77/eecs-3311-project/issues/42>

We were unable to fix this due to the amount of edge cases present, and the time needed to implement the rest of our stories. The solution our QA team suggested, to disable a specific order button when the ingredient is gone in the inventory is a good idea. However it gets complicated when there is only 1 ingredient present but a customer orders 3. Since it isn't 0 it wont disable the button, but it will still say outofingredients.

[Bug Report #4] Sandwich Creator Class sub packaging

<https://github.com/TimothyLai77/eecs-3311-project/issues/43>

We followed the QA team's suggestion and moved the SandwichCreator classes to their own subpackage under model.

[Bug Report #5] Sales History Missing

<https://github.com/TimothyLai77/eecs-3311-project/issues/44>

Added the missing feature. The functionality was already done before Iteration 2, but we were still missing the front end and that has now been implemented into the app.

[Bug Report #6] No Dietary Restriction Indicator

<https://github.com/TimothyLai77/eecs-3311-project/issues/45>

We added icons for each base sandwich indicating if the base sandwich is vegetarian, halal, or kosher. The bug report mentioned it should also lock out the toppings depending on which sandwich was picked (picking a Veggie Patty sandwich should only show vegetarian ingredients), but that was not part of our original story. We also believe the user should just be able to pick whatever they want, and all the current ingredients are vegetarian.

[Bug Report #7] Can't see the details of an order from the receipt

<https://github.com/TimothyLai77/eecs-3311-project/issues/46>

The generated .txt should how show the added options, we just forgot to update the method when we added toppings in iteration 2.