

**THIS DOCUMENT CONTAINS THE LIST OF QA ACTIVITIES WE PROVIDED FOR THE DEV TEAM
(TEAM 4)**

Case #0

Reported By: James Ahn

Date Reported: March 15, 2023

Program name: OrderSelectionPage.java

Release number: Iteration 2

Configurations: Windows 10 Home 64-bit OS

Report type: Design issue

Can reproduce: yes

Severity: med

Priority:

Problem summary: Cannot unselect toppings once chosen.

Problem description: I respectfully think that a user should be able to unselect and reselect a topping(s) without having to restart the program. Some users may change their minds or mistakenly select a topping, and want to undo that selection. At the very least, the user should be able to go back to the Sandwich Station and start over (which is currently not the case). Although, being able to make the changes in the Topping Trail would be ideal.

Suggested fix: Should be just a few lines of code to reset the button and clear it from the list of selected topping thus far, if any.

Status: Closed

Case #1

Reported By: James Ahn

Date Reported: March 15, 2023

Program name: DbInventory.java

Release number: Iteration 2

Configurations: Windows 10 Home 64-bit OS

Report type: Code issue

Can reproduce: N/A

Severity: low/med

Priority: // to be assigned by dev team

Problem summary: The getIngredient() method has quite the extensive block of if-else statements.

Problem description: For scalability reasons, as well as the fact that currently there's only a handful of items on the menu, the body of if-else statements can start to get out of control if you decide to add additional options and/or ingredients.

Suggested fix: For now, a quick fix would be to use switch statements based on the ingredientName being passed, since switch statements are faster than if-else statements - they use a jump table to

directly access the correct branch. There is probably an even better way to optimize this method - I'm just not that smart.

Status: Closed

Case #2

Reported By: James Ahn

Date Reported: March 15, 2023

Program name: ManagerPage.java

Release number: Iteration 2

Configurations: Windows 10 Home 64-bit OS

Report type: Design issue

Can reproduce: yes

Severity: med

Priority: // to be assigned by dev team

Problem summary: Current Inventory display formatting.

Problem description: There is an inconsistent alignment for the Type, Qty, and Price values being displayed.

Suggested fix: I'm 99.9% sure the team has addressed this for the next iteration. Perhaps using a JTable may help replace the manual spacing you are trying to achieve currently. I'm still trying to figure out JTables myself for our project, but I do think it can help simplify the display by inserting rows in a consistent format. I feel like this little detail takes away from your overall very nice front-end.

Status: Closed

Case #3

Reported By: James Ahn

Date Reported: March 15, 2023

Program name: OrderSelectionPage.java

Release number: Iteration 2

Configurations: Windows 10 Home 64-bit OS

Report type: Design issue

Can reproduce: yes

Severity: high

Priority: // to be assigned by dev team

Problem summary: Difficult for user to know which ingredient is not available.

Problem description: When an ingredient or multiple ingredients are no longer available, the user is still allowed to build sandwiches and only finds out that the entire order cannot be placed, at the end when selecting the "Place Order" button. If there is an order of five sandwiches and the user built

one sandwich with one ingredient out-of-inventory, the user will have to redo the entire order (less one) except the user will not know which ingredient is the one(s) not available. Then it just becomes a guessing game.

Suggested fix: I think that disabling the buttons and/or displaying an error message once the item is clicked, on both the Sandwich Station screen and Topping Trail screen might fix this issue. This way, the user knows exactly which ingredients are/are not available for a smoother experience.

Status: Closed

Case #4

Reported By: Humud Abdalla

Date Reported: March 15, 2023

Program name: VirtualRestaurantAssistant

Release number: Iteration 2

Configurations: Mac OS 64-bit

Report type: Design issue

Can reproduce: yes

Severity: med

Priority:

Problem summary: Too many classes in model layer

Problem description: Lots of classes are in model that can be divided into sub-packages.

Suggested fix: For example BeefSandwichCreator.java and ChickenSandwichCreator.java can be group into a sub-package called SandwichCreators.

Status: Closed

Case #5

Reported By: Humud Abdalla

Date Reported: March 15, 2023

Program name: VirtualRestaurantAssistant

Release number: Iteration 2

Configurations: Mac OS 64-bit

Report type: code issue

Can reproduce: yes

Severity: High

Priority:

Problem summary: As a shop owner i am not able to see the orders that were placed through out the day

Problem description: I was not able to see the orders that were placed through out the day as it was described in the user story for iteration 2:

Suggested fix: Implement a frame in which where a shop owner can see the orders that were placed throughout the day

Status: Closed

Case #6

Reported By: Humud Abdalla

Date Reported: March 15, 2023

Program name: VirtualRestaurantAssistant

Release number: Iteration 2

Configurations: Mac OS 64-bit

Report type: Design issue

Can reproduce: yes

Severity: med

Priority:

Problem summary: As a user i'm not able to see vegan or gluten free ingredients.

Problem description: When i order a Veggie patty burger i see the same ingredients as if i were to order a beef burger. The vegan or gluten free ingredients are not distinguished from the regular ingredients.

Suggested fix: For example, when i order a Veggie patty burger you can not show some ingredients and only show the gluten free or vegan ingredients.

Status: Closed

Case #7

Reported By: Humud Abdalla

Date Reported: March 15, 2023

Program name: VirtualRestaurantAssistant

Release number: Iteration 2

Configurations: Mac OS 64-bit

Report type: code issue

Can reproduce: yes

Severity: low

Priority:

Problem summary: Don't see the full details of an order from the receipt

Problem description: When i place an order and want to save the receipt in my local disk, the .txt file does not show the full details of the order whereas the receipt in the application does.

Suggested fix: Add the full details of the order when generating the .txt file

Status: Closed