

Test Case No.	Traces to Requirement No.	Test Steps	Expected Output	Comments	Pass/Fail
1	3.1.1	<ol style="list-style-type: none"> 1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Login 	The customer will be successfully logged in and To Go and Dine In option buttons will be displayed		Pass
2	3.1.2	<ol style="list-style-type: none"> 1. In the Username field, enter: waitStaff01 2. In the Password field, enter: Ruler 3. Select Login 	The wait staff will be successfully logged in and the home screen for the wait staff will be shown.		Pass
3	3.1.3	<ol style="list-style-type: none"> 1. In the Username field, enter: KitchenStaff01 2. In the Password field, enter: Sea 3. Select Login 	The kitchen staff will be successfully logged in and the home screen for the kitchen staff will be shown.		Pass
4	3.1.4	<ol style="list-style-type: none"> 1. In the Username field, enter: Manager 2. In the Password field, enter: Gift 3. Select Login 	The manager will be successfully logged in and the home screen for the manager will be shown.		Pass
5	3.1	<ol style="list-style-type: none"> 1. In the Username field, enter: Customer01 2. In the Password field, enter: Gift 3. Select Login 	The user will not be able to not login, as the username and password are both wrong. An error message will be displayed.		Pass
6	3.2	<ol style="list-style-type: none"> 1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Login 	The device will be assigned to a specified table, as the Customer login that is specified is the assigned device.		Pass
7	3.3	<ol style="list-style-type: none"> 1. Log in with username: Manager and password: Gift 2. Select Login 	The staff name, position, user ID, and password.		Pass

		<ol style="list-style-type: none"> 3. Select Edit Staff 4. Enter the name of the user listed in the staff document in the database, in the document name field. Note: Here if the document name chosen is already created the further fields will just update the document chosen. 5. Enter Customer25 in the Classification field 6. Enter 25 in the ID field 7. Enter tempCustomer in the Name field 8. Enter " " (a single space) in the Password field 			
8	3.4	<ol style="list-style-type: none"> 1. Open the CulturedRestaurant application 2. In the Username field, enter: Manager 3. In the Password field, enter: Gift 4. Select Edit Menu 5. Select Appetizers 6. Enter App6 into the Document Name field 7. Enter Gouda into the Name field 8. Enter Fresh gouda cheese into the Description field 9. Enter 3 into the Price field 10. Enter 5 into the Stock field 11. Enter 200 into the Calories field 12. Enter " " (A single space) into the Picture field 13. Select Confirm 	The menu will have been updated with a new menu item.		Pass
9	3.5	<ol style="list-style-type: none"> 1. Log in with username: Customer01 and password: " " 	The customer's order will be		Pass

		2. Select Login 3. Select To-Go	designated as "To-Go".		
10	3.6.1	1. Log in with username: Customer08 and password: " " 2. Select Login 3. Select Dine in 4. Select Requests 5. Select Submit refill request	The wait staff will have a notification for a specific drink refill, sent by the customer.		Pass
11	3.7.1	1. Log in with username: Customer08 and password: " " 2. Select Login 3. Select Dine in 4. Select Requests 5. Select Cracker refill	The wait staff will have a notification for a cracker refill, sent by the customer.		Pass
12	3.8	1. Log in with username: Customer08 and password: " " 2. Select Login 3. Select Dine in 4. Select Requests 5. Select Help	The customer successfully receives help from the wait staff.		Pass
13	3.9.1	1. The customer selects Games from the Home screen 2. The customer selects a game from 4 choices 3. The customer selects Start	The customer successfully plays a game.	5 games are listed, and 3 works.	Pass
14	3.10.1, 3.10.6, 3.10.7, 3.10.8	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu 5. Select Appetizers	Customer sees a list of at least 3 appetizers with each appetizer having its own description, picture, and price.		Pass
15	3.10.2, 3.10.6, 3.10.7, 3.10.8	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu	Customer sees a list of at least 3 entrees with each entree having its own description, picture, and price.		Pass

		5. Select Entrees			
16	3.10.3, 3.10.6, 3.10.7, 3.10.8	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu 5. Select Kids Entrees	Customer sees a list of at least 3 kids' entrees with each kids' entree having its own description, picture, and price.		Pass
17	3.10.4, 3.10.6, 3.10.7, 3.10.8	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu 5. Select Drinks	Customer sees a list of at least 3 drinks with each drink having its own description, picture, and price.		Pass
18	3.10.5, 3.10.6, 3.10.7, 3.10.8	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu 5. Select Desserts	Customer sees a list of at least 3 desserts with each dessert having its own description, picture, and price.		Pass
19	3.10.9	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu 5. Select Lactose Intolerant	Customer sees an alternative menu, which is like the standard menu but contains only food items that apply to lactose- intolerant individuals.		Pass
20	3.10.10	1. In the Username field, enter: Customer01 2. In the Password field, enter: " " (A single space character) 3. Select Dine in 4. Select Food Menu 5. Select Lactose Intolerant 6. Select the cart icon next to Almond Milk 7.	Customer's cart will be updated with the selected item (Whole Milk), and the price of their order will update accordingly.		Pass

21	3.10.11	<ol style="list-style-type: none"> 1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select View Cart 	Customer will see their cart in its current state.		Pass
22	3.10.12	<ol style="list-style-type: none"> 1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select Food Menu 5. Select the back button, from the device 	Customer will see the home screen of the system.		Pass
23	3.11.1	<ol style="list-style-type: none"> 1. An appetizer is out of stock 2. Repeat steps 1-3 from requirement 3.1.1 3. Select Food Menu 4. Select Appetizers 	The customer can no longer add out of stock items to the cart.		Pass
24	3.12.1	<ol style="list-style-type: none"> 1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select Merchandise Menu 5. Scroll down to Wooden Cheese Tray and select the cart button 6. Select the back button, from the device 7. Select View Cart 	Customer will see the any items in the cart.		Pass
25	3.12.2	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-7 from requirement 3.12.1 	Customer will see the price of each item within the cart.		Pass
26	3.12.3	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-7 from requirement 3.12.1 	Customer will see the total cost of the items within the cart.		Pass
27	3.12.4	<ol style="list-style-type: none"> 1. Repeat steps 1-2 from requirement 3.12.1 2. Press the back button on your device 3. Select Menu 	Customer will see the menu prior to choosing the food type to view.		Pass

28	3.12.5	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-7 of requirement 3.12.1 3. Select Remove from cart. 	Customer will see the updated cart, which contains all items but the removed one.		Pass
29	3.12.6	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-7 of requirement 3.12.1 3. Select Customize Order. 	Customer will see their comment added to their order in plain text.		Pass
30	3.12.7	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-7 of requirement 3.12.1 3. Select Place Order. 	Customer will see a confirmation message that their order has been received.		Pass
31	3.12.8	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-6 of requirement 3.12.1 3. Select Order Status 	Customer will see a status section detailing the progress of their order.		Pass
32	3.12.9	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-7 of requirement 3.12.1 3. Select the back button, from the device 	Customer will see the home screen of the system.		Pass
33	3.13.1	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-6 of requirement 3.12.1 3. Select Order Status 	The customer can view their order status.		Pass
34	3.13.2	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.1 2. Repeat steps 1-6 of requirement 3.12.1 3. Select Order Status 4. Select the back button, from the device 	The customer navigates back to the home screen from the view status window.		Pass
35	3.14	<ol style="list-style-type: none"> 1. Repeat steps 1-3 in requirement 3.1.1 2. Repeat all steps in requirement 3.12.7 3. Select the newly available Play Games button from the home menu 	The customer will be able to play a game from the four options given.	There are 5 games listed. Snake does not work.	Pass

		4. Select a game from the four options given 5. Play the game			
36	3.14.1	1. Repeat all steps in requirement 3.14 2. While playing the game, press the back button on the device until you return to the Home menu.	The Customer will be returned to the game selection screen.		Pass
37	3.14.2	1. Repeat steps 1-3 in requirement 3.14 2. Press the back button of the device until you have returned to the main menu.	The customer will be returned to the home screen.		Pass
38	3.15.1	3. Log in with username: Customer01 and password: " " 4. Select Login 5. Select Dine in 6. Select Food Menu 7. Select Entrees 8. Scroll down to Fried Cheese Ravioli and select the cart button. 9. Select the back button of the device twice. 10. Select Pay 11. Select Pay with Cash	Customer will see the total owed by them to the wait staff.		Pass
39	3.15.2	1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select Food Menu 5. Select Entrees 6. Scroll down to Fried Cheese Ravioli and select the cart button. 7. Select the back button of the device twice. 8. Select Pay 9. Select Pay with Cash 10. Enter Janis Jonas in the name of card field	Customer will see the total owed by them to the system.		Pass

		11. Enter 4111111111111111 in the card number field 12. Enter 0720 in the expiry date on the field 13. Enter 563 in the CCV on the field 14. Select the check mark of the keyboard pad of the device 15. Select Pay			
40	3.15.3	1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select Food Menu 5. Select Entrees 6. Scroll down to Fried Cheese Ravioli and select the cart button. 7. Select the back button of the device twice. 8. Select Pay 9. Enter 1234 in the Coupon Code text box 10. Select Pay with Cash	Customer will see the coupon take effect on the order. In this case, it will remove an appetizer.		Pass
41	3.15.4	1. Repeat steps 1-8 from requirement 3.15.3 2. Enter "20" into the Tip percentage field 3. Select Pay with Cash	Customer will see the total of the order increased by 20%.		Pass
42	3.15.5	1. Repeat steps 1-8 from requirement 3.15.3 2. Select Number of People Paying 3. Select 4 4. Select Pay with Cash	Customer will see the cost of the order divided into four equal parts.		Pass
43	3.15.6	1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select Food Menu 5. Select Entrees	Customer will see a survey screen which asks them about their dining experience and offers them the chance to make comments.		Pass

		6. Scroll down to Fried Cheese Ravioli and select the cart button. 7. Select the back button of the device twice. 8. Select Pay 9. Select Pay with Cash 10. Select Print Receipt 11. Enter Amazing testing 12. Select Send Feedback			
44	3.15.7	1. Repeat steps 1-8 from requirement 3.15.3	Customer will see a text box giving them suggested tip amounts based on percentage of the cost of the bill 20%.		Pass
45	3.15.8	1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 4. Select Food Menu 5. Select Entrees 6. Scroll down to Fried Cheese Ravioli and select the cart button. 7. Select the back button of the device twice. 8. Select Pay 9. Enter COMPED in the Manager Comp Password text box 10. Select Pay with Cash	Customer will see the amount of revenue received from Order 01 update to \$0.00.		Pass
46	3.15.8.1	1. Log in with username: Manager and password: Gift 2. Select Login 3. Select View Comps	Manager will see the number of compensated orders per table, in a list.	List is not ordered by TableNumber.	Pass
47	3.15.9	1. Open the CulturedRestaurant application 2. Log in with username: Customer01 and password: " "	Customer will see a screen that tell them they did not win a coupon (see requirement 3.15.11 for a		Pass

		3. Select Login 4. Select Dine in 5. Select Food Menu 6. Select Entrees 7. Scroll down to Fried Cheese Ravioli and select the cart button. 8. Select the back button of the device twice. 9. Select Pay 10. Select Pay with Cash 11. Select Print Receipt 12. Enter Amazing testing 13. Select Send Feedback 14. Select the top box 15. Select Home	successful coupon game).		
48	3.15.10	1. Open the CulturedRestaurant application 2. Log in with username: Customer01 and password: " " 3. Select Login 4. Select Dine in 5. Select Food Menu 6. Select Entrees 7. Scroll down to Fried Cheese Ravioli and select the cart button. 8. Select the back button of the device twice. 9. Select Pay 10. Select Pay with Cash 11. Select Email Receipt	Customer will see a confirmation message that the e-mail of the receipt has been sent.		Pass
49	3.15.11	1. Repeat steps 1-14 from requirement 3.15.9	Customer will see a screen that confirms they won, along with a numerical coupon code.		Pass
50	3.16.1	1. Open the CulturedRestaurant application 2. Log in with username: Customer08 and password: " "	The waitstaff will have a notification for help, sent by the customer.		Pass

		3. Select Login 4. Select Dine in 5. Select Requests 6. Select Help 7. Return to login screen 8. Log in with username: waitStaff01 and password: Ruler 9. Select Login 10. Select View Requests			
51	3.17	1. Repeat all steps in requirement 3.1.2 2. Select View Orders	The waitstaff will see a list of Completed orders.		Pass
52	3.17.1	1. Log in with username: waitStaff01 and password: Ruler 2. Select Login 3. Select View Requests	The wait staff will have a notification for a specific drink refill, sent by the customer.		Pass
53	3.17.2	1. Repeat all steps in requirement 3.1.1 2. Repeat all steps in requirement 3.12.7 3. Repeat all steps in requirement 3.1.2 4. Select View Orders	The waitstaff will be able to view the status of the customer's orders.	Orders listed here are "Completed" and ready to be delivered to customer.	Pass
54	3.17.3	1. Repeat all steps in requirement 3.1.1 2. Repeat all steps in requirement 3.12.7 3. In the top-left, select the Menu 4. In the bottom of the opened menu, select Log Off 5. Repeat all steps in requirement 3.1.2 6. Select View Payment Status	The waitstaff will be able to view the payment status of the customer's orders.		Fail
55	3.18.1	1. Log in with username: KitchenStaff01 and password: Sea 2. Select Login 3. Select View Orders	The Kitchen staff will see all the customers' Not Completed orders.		Pass

56	3.18.2	<ol style="list-style-type: none"> 1. Repeat Test Requirement No. 3.1.3 2. There should be a list of orders on the screen of the device 3. Swipe the top entry horizontally across the screen. 	The kitchen staff has updated the status of the order.		Pass
57	3.19.1	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.4 2. Select Sales 	Manager will see a list of items and the number of each sold.		Fail
58	3.19.2	<ol style="list-style-type: none"> 1. Log in with username: Manager and password: Gift 2. Select Login 3. Select Split Tips 4. Enter 25% for Walter 5. Enter 50% for Wade 6. Enter 25% for Wyatt 7. Select Apply 	Manager will see the percentages updated.		Pass
59	3.19.3	<ol style="list-style-type: none"> 1. Repeat steps 1-3 from requirement 3.1.4 2. Select Edit Menu 3. Select Drinks 4. Enter: Drink1 into the Document Name field 5. Enter: Whole Milk into the Name field 6. Enter: Delicious and nutritious, whole milk complements the dairy of other Cultured items naturally into the Description field 7. Enter: 2.5 into the Price field 8. Enter: 10 into the Stock field 9. Enter: 250 into the Calories field 10. Enter: https://bit.ly/2ThoZ2T into the Picture field 11. Select Confirm 	The stock of Whole Milk will be updated to 10.	This will not be visible to the user, but the database will be correctly updated.	Pass

60	3.19.4	<ol style="list-style-type: none"> 1. Log in with username: Manager and password: Gift 2. Select Login 3. Select Edit Staff 4. Enter the name of the user listed in the staff document in the database, in the document name field. Note: Here if the document name chosen is already created the further fields will just update the document chosen. 5. Enter Waitstaff in the Classification field 6. Enter 1 in the ID field 7. Enter Willy in the Name field 8. Enter Ruler in the Password field 9. Select Confirm 	Manager will see employee Walter update to Willy .		Pass
61	3.19.5	<ol style="list-style-type: none"> 1. Log in with username: Manager and password: Gift 2. Select Login 3. Select Edit Staff 4. Enter the name of the user listed in the staff document in the database, in the document name field. Note: Here if the document name chosen is already created the further fields will just update the document chosen. 5. Enter Waitstaff in the Classification field 6. Enter 1 in the ID field 7. Enter "" (nothing) in the Name field 	Manager will see Walter removed from the employees list.		Pass

		8. Enter Ruler in the Password field 9. Select Confirm			
62	3.20.1	1. In the Username field, enter: Manager 2. In the Password field, enter: Gift 3. Select Edit Menu 4. Select Appetizers 5. Enter Appetizer01 into the Document Name field 6. Enter Cheese Sticks into the Name field 7. Enter Fresh gouda cheese into the Description field 8. Enter 3 into the Price field 9. Enter 5 into the Stock field 10. Enter 200 into the Calories field 11. Enter " " (A single space) into the Picture field 12. Select Confirm	The manager will have edited the appetizers price to \$6.00.		Pass
63	3.20.2	1. In the Username field, enter: Manager 2. In the Password field, enter: Gift 3. Select Edit Menu 4. Select Appetizers 5. Enter Appetizer01 into the Document Name field 6. Enter Cheese Rod into the Name field 7. Enter Fresh gouda cheese into the Description field 8. Enter 4 into the Price field 9. Enter 5 into the Stock field 10. Enter 200 into the Calories field 11. Enter " " (A single space) into the Picture field 12. Select Confirm	The manager will see the new name for the menu item.		Pass
64	3.20.3	13. 1. In the Username field, enter: Manager	The manager will see the new		Pass

		14. In the Password field, enter: Gift 15. Select Edit Menu 16. Select Appetizers 17. Enter Appetizer01 into the Document Name field 18. Enter Cheese Sticks into the Name field 19. Enter Really super Fresh gouda cheese into the Description field 20. Enter 3 into the Price field 21. Enter 5 into the Stock field 22. Enter 200 into the Calories field 23. Enter " " (A single space) into the Picture field 24. Select Confirm	description for the menu item.		
65	3.21.1	1. Repeat 3.1.2	The customer should not be able to log in as a waitstaff.		Pass
66	3.21.2	1. Repeat test requirement 3.1.3	The waitstaff should not be able to log in as a kitchen staff.		Pass
67	3.21.3	1. Repeat test requirement 3.1.4	The kitchen staff should not be able to log in as a manager.		Pass
68	3.21.4	1. Repeat test requirement 3.1.2	The manager will be able to log in as a waitstaff staff.		Pass
69	3.22.1	1. Log in with username: Customer01 and password: " " 2. Select Login 3. Select Dine in 2. Select Merchandise Menu	The customer can now look at the merchandise purchase menu on the screen.		Pass
70	3.22.2	1. Log in with username: Customer01 and password: " " 2. Select Login	The merchandise the customer wants is now added to the cart.		Pass

		<div>3. Select Dine in</div> <div>4. Select Merchandise Menu</div> <div>3. Scroll down to Wooden Cheese Tray and select the cart button</div>			
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