Tested Project Name: Shop Database Application

Shop Test Case

Test Case ID: TEST_1	Test Designed by: Maksym Kuzma
Test Priority (Low/Medium/High): High	Test Designed date: 5.1.2022
Test Title: Runnability	
Brief description: Application should be runnable	
Dependencies and Requirements: Python 3.9 or higher with installed third-party libraries, MS SQL Server 2019	

Step	Test Steps	Test Data	Expected Result	Notes
1	Read README.txt and run application	-	Main menu appeared	-

Test Case ID: TEST_2			Test Designed by: Maksym Kuzma	
Test Priority (Low/Medium/High): High			Test Designed date: 5.1.2022	
Test Title: CRUD testing				
Brief description: Testing crud operations with all tables				
Pre-conditions: TEST_1				

Step	Test Steps	Test Data	Expected Result	Notes
1	Navigate to Create Table Row	-	Create Table Row menu appeared	-
2	Navigate to Create Product Row	-	Product creation began	-
3	Input valid data, confirm insert	Potatoes, 24.0, Yes, 2022-12-12, CONVENIENCE	Product must be created	-
4	Navigate to Print Table Rows	-	Print Table Row appears	-
5	Select Print Products option	-	All products appear in console	-
6	Check if product from step 3 is printed	-	Inserted product from step 3 should be in all products output	-
7	Navigate to Create Table Row	-	Create Table Row menu appears	-
8	Navigate to Create Customer Row	-	Customer creation began	-
9	Input valid data, confirm insert	George, Gates, New York, 233233, gates@gmail.com, 999	Customer must be created	-
10	Navigate to Print Table Rows	-	Print Table Row appeared	-
11	Select Print Customers option	-	All customers appear in console	-

12	Check if customer from step 9 is printed	-	Inserted customer from step 9 should be in all customers output	-
13	Navigate to Create Table Row	-	Create Table Row menu appeared	-
14	Navigate to Create Order Row	-	Order creation began	-
14	Input valid data, customer from stem 9, product from step 3, confirm insert	Customer: from step 9, Date 2021-1-1 20:20:20 George Gates, New York, Address 1, 12422, US25432432SD Product: from step 3 Quantity: 2 Another	Product must be created	-
15	Navigate to Print Table Rows	-	Print Table Row appeared	-
16	Select Print Orders option	-	All orders appear in console	-
17	Check if order from step 14 is printed	-	Inserted order from step 14 should be in all orders output	-
18	Navigate to Update Table Row	-	Update Table Row menu appeared	-
19	Select Update Product Row	-	Product update began	-
20	Insert new data	Potatoes, 28.0, Yes, 2022-10-10, CONVENIENCE	Product has been updated. Returned to menu	-
21	Do steps 4-6. Check if product was updated		Old product has been updated with the new values	
22	Navigate to Update Table Row	-	Update Table Row menu appeared	-
23	Select Update Customer Row	-	Customer update began	-
24	Input new data	George, Gates, Chicago, 233233, gates@gmail.com, 100	Customer has been updated. Returned to menu	-
25	Do steps 10-12. Check if customer was updated	-	Old customer has been updated with the new values	-
26	Navigate to Update Table Row	-	Update Table Row menu appeared	-
27	Select Update Order Row	-	Order update began	-

28	Input new data	Customer: from step 9 George Gates, Chicago, Address 5, 44444, EU25432432SD Add product: Yes Product: any product from list Quantity: 1 Another product: No, Remove product: Yes Product: Potatoes	Order has been updated. Returned to menu	-
29	Do steps 15-17. Check if order was updated	-	Old order has been updated with the new values	-
30	Navigate to Delete Table Row	-	Delete Table Row menu appeared	-
31	Delete last row. Do 3x times. 1st from Orders 2nd from Customers 3rd from Products	-	Rows were deleted. Returned to menu	-
32	Navigate to Print Table Rows	-	Print Table Row appeared	-
33	Check if all deleted rows from step 31 were really deleted	-	Deleted rows are not in prints	-

Test Case ID: Test_3	Test Designed by: Maksym Kuzma
Test Priority (Low/Medium/High): High	Test Designed date: 5.1.2022
Test Title: Import/Export/Aggregate Report	
Brief description: Import/Export/Other functions testing	
Pre-conditions: Test_1	

Step	Test Steps	Test Data	Expected Result	Notes
1	Navigate to Export Table Rows	-	Export Table Rows menu appeared	-
2	Do every type of export (Products, Customers, Orders)	Create exports folder on desktop Path: exports folder on desktop	4 .csv files appeared in given directory	-
3	Navigate to Import Table Rows	-	Import Table Rows menu appeared	-
4	Do every type of import (Products, Customers, Orders)	Choose files from exports folder on desktop	Data has been successfully imported. Return to menu	-
5	Navigate to Print Table Rows	-	Print Table Rows menu appeared	-
6	Print rows from all tables. Check if import data has been imported.	-	Data from import files are printed.	-
7	Navigate to Other Functions	-	Other Functions menu appeared	-
8	Select Generate Aggregate Report	-	Aggregate report has been printed	-
9	Navigate to Other Functions	-	Other Functions menu appeared	-
10	Select Transfer Money...	-	Transfer money transaction began	-
11	Select last Customer	-	From customer is selected	Remember money value of last customer
12	Select first Customer	-	To customer is selected	Remember money value of first customer
13	Input amount of money	Amount from step 11 note.	Completed successfully. Returned to menu	-

14	Navigate to Print Table Rows	-	Print Table Rows menu appeared	-
15	Select customers and check if last customer amount of money is transferred to first customer	-	Amount of money has been transferred	-