

Test Types: Unit, Integration, System, Acceptance

Test Type	Integration
Test Target	Driver
Test Input	Bool: True (modules run successful)
Expected Output	The integration between modules run.

Test Type	Interactive testing
Test Target	Tutorial
Test Input	Bool: True (login successfully)
Expected Output	User is re-routed to the Employee Handbook, or Customer Tutorial depending on the login input.

Test Type	Acceptance
Test Target	Employee Handbook
Test Input	Bool: True (means user is an employee)
Expected Output	Handbook is successfully opened and closed after use

Test Type	Acceptance
Test Target	Customer Tutorial
Test Input	Bool: True (means user is a customer)
Expected Output	Tutorial is successfully completed or aborted

Test Type	Unit Testing
Test Target	Program
Test Input	Run the program to check any bugs and error

Expected Output	Program without any bugs and error, and shows properly
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Test Type	Interactive testing
Test Target	Database
Test Input	Click to view the data (already been populated by orders)
Expected Output	Verify that all data appears correctly

Test Type	System Testing
Test Target	Device
Test Input	Sign in on different accounts with separate devices
Expected Output	Correct data and functionality displayed and interacted through multiple devices

Test Type	Unit Testing
Test Target	Raw Data
Test Input	Check data if it is out of min or max range and the normality of the raw data
Expected Output	Raw data is not out of range and can be handled by the program

Test Type	Unit Testing
Test Target	Calculated Data
Test Input	Sends a mock order through data calculating functions
Expected Output	Correct statistics on popularity, fulfillment times etc.

Test Type	Interactive Testing
Test Target	Access Level
Test Input	Click everything on screen and see if you can view the calculated data as a guest
Expected Output	The calculated data will never appear if you are signed in as a guest

Test Type	Load Testing
Test Target	Name
Test Input	1 + the max number of guests attempt to sign in at once
Expected Output	One of the guests will get a “Restaurant is full” error

Test Type	Unit Test - isValidManager(string username) : bool
Test Target	User Management component
Test Input	“Coke_123” - User is not the registered manager
Expected Output	False

Test Type	Unit Test - RemoveEmployee(string employee, string username) : bool
Test Target	User Management component
Test Input	“ chef ”, “ John_22 “ - User is a registered chef
Expected Output	True