Test Caes :

Test case structure(impacted platform- test case scenario – expected result)

**Frontend:**

1. Webportal – Check if there is a page available for all the available items – a new page should present.
2. Webportal – Check if the description is available for each item – it should be available.
3. Webportal - Check if the name field is available for each item – it should be available.
4. Webportal - Check if the price field is available for each item – it should be available.
5. Webportal – Check if upload option is available – picture of a particular item can be uploaded.
6. Webportal – Check if there’s an add button to add the items to the inventory – add button should be there.
7. Webportal – click on the add button – it should add the item to the inventory.
8. Webportal – check if the currently added item in the inventory is visible below – it should be visible.
9. Webportal – Check if all the details are available below for the currently added item – all the details should be there. (details: name, description, price, optionally photo)
10. Webportal – Check if all the details are available below for the previously added item – all the details should be there. (details: name, description, price, optionally photo)
11. Webportal – check if the user can see a thumbnail of that item – user should be able to see that.
12. Webportal – Check if each item have a delete button in the below section – each item should have a delete button.
13. Webportal – try to delete any of the product from the inventory – any of the product can be deleted.
14. Webportal – check if there is a warning sign after clicking the delete button – one warning pop-up should occur. (warning: Do you really want to remove the item from the inventory?)
15. Webportal – Check if multiple products can be deleted once at a time – it should not be possible.
16. Webportal – Click on any of the item – it should bring the user to a new page.
17. Webportal – Check the new page after clicking on an item – the page should contain all the information about the selected item.
18. Webportal – check if the user can navigate back to the previous page from the new page – the user should be able to do that.
19. Webportal - check if the user can go to the new page again from the previous page – the user should be able to do that.
20. Webportal -Check if the user can select more than one of every item – the user will be able to do that.
21. Webportal – Check the horizontal alignment of the page – the page should be horizontally centered.
22. Webportal - Check the vertical alignment of the page – the page should be vertically centered.
23. Webportal – Check if there is a page reload after adding one item in the inventory – there should not be any page reload.
24. Webportal – Check if there is a page reload after deleting one item from the inventory – there should not be any page reload.

**Backend:**

1. Webportal, API – Call an API to add a new item to the inventory – it should be successful
2. Webportal, API – Call an API to delete an item to the inventory – it should be successful
3. Webportal, API – Call an API to click on a item – it will go to a new page
4. Webportal, SQL Database – check the database after adding one item to the inventory – the item should reflect to the database
5. Webportal, SQL Database – check the database after deleting one item to the inventory – the item should reflect to the database
6. Webportal, SQL Database – check the inventory items after reloading the page – all the items are present in database as well as in portal.
7. Webportal, SQL Database – check the database after going to the details page of a particular item – database tables should not get impacted.
8. Webportal, SQL Database – check the database after navigating back to the main page – database tables should not get impacted.

**Automation:**

Automated the following scenario –

* Add a new item to the inventory – should be successful
* Delete an item from the inventory - should be successful
* Delete multiple item at once from the inventory – should be successful
* Click on an item and navigate back to the main page - should be successful

**Time Tracker:**

Functional analysis – 30 minutes.

Test case creation – 1 hour