

FUNCTIONAL AND PERFORMANCE TESTING

TEAM ID	LTVIP2025TMID30733
PROJECT NAME	Asset Management Portal

MILESTONE: TESTING

PURPOSE:

- Ensure UI elements like buttons and links work as intended
- Confirm actions trigger the correct backend processes
- Identify and eliminate any interface bugs or inconsistencies
- Enhance the system's response accuracy to user inputs
- Improve the overall reliability of the user interface

USE:

- Verify actions like “Assign Asset” and “Return Asset” operate smoothly
- Ensure intuitive interaction and system feedback for end users
- Reduce chances of errors during asset assignment or return
- Increase confidence in UI-based workflows for asset management
- Support smoother onboarding and usability for new users

Activity 1: testing UI action

STEPS:

1. Go to Asset Inventory table
2. Click on New
3. Fill in the details
 - a) Asset name: Laptop
 - b) Type: laptop
 - c) Assigned to: Abel Tutors

- d) Status: Available
- e) select some purchase and expiry date
- 4. Click on submit
- 5. Open the record again
- 6. Click on mark as lost button and save
- 7. Check the status is changed to lost.

MILESTONE : TESTING

PURPOSE:

- Verify scheduled jobs run automatically at designated times
- Confirm execution of tasks like alerts, updates, or reports
- Ensure correct script behavior in background execution
- Detect failures or irregularities in job scheduling
- Maintain integrity of automated processes within the system

USE:

- Automate routine tasks like maintenance notifications
- Generate reports without manual involvement
- Save time and reduce human error in repetitive operations
- Enhance system scalability by supporting timed executions
- Improve asset tracking through consistent periodic updates

Activity 2: testing scheduled job

STEPS:

- Navigate to background scripts
- Write the Scheduled job script in the background scripts
- Click on Run Script

- Check the result

servicenow All Favorites History Workspaces : asset inventory - IST001101 Search

asset inventory
IST001101

Number: IST001101 Asset name: Laptop

Purchase date: 2025-06-22 Type: laptop

Status: Lost Warranty Expire: 2025-07-30

Assigned to: Abel Tutor

Update Mark As Damaged Mark As Repaired Delete

servicenow All Favorites History Workspaces Admin ServiceNow Search

```
1 var grAsset = new GlideRecord("u_asset_inventory"); // Replace with your table name
2
3 var today = new GlideDateTime();
4
5 var futureDate = new GlideDateTime();
6
7 futureDate.addDays(30); // Get date 30 days from now
8
9 grAsset.addQuery('u_warranty_expiry', '<=', futureDate); // Warranty expiring within the next 30 days
10
11 grAsset.addQuery('u_warranty_expiry', '>=', today); // Warranty expiring after today
12
13 grAsset.query();
14
15 while (grAsset.next()) {
16
17     var email = new GlideEmailOutbound();
18
19     email.setSubject("Warranty Expiry Alert: " + grAsset.getValue('u_assest_name')); // Use getValue for dynamic field access
20
21     email.setBody("The warranty for " + grAsset.getValue('u_assest_name') + " (Type: " + grAsset.getValue('u_asset_type') +
22         " | | | ) is expiring soon on " + grAsset.getValue('u_warranty_expiry') + ". Please take action."); // Get values dynamically
23
24     email.setTo('it-support@company.com'); // Change to your IT support email
25
26     email.send();
27
28
29
30     gs.info("Email sent for assest: " + grAsset.getValue('u_assest_name')); // Log for confirmation
31
32
33 }
```

Run Script in scope: global Record for rollback? ☒ Execute in sandbox? ☐ Execute as scriptlet? ☐ Cancel after 4 hours ☒

+ Instance Scripts

Feels hotter Now

Search

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