Testing Phase-II
(Testing Schduled Job)

Date	26 June 2025
Team ID	LTVIP2025TMID29726
Project Name	Asset Management Portal
Maximum Marks	4 Marks

📏 Testing Scheduled Job Phase

To verify the functionality of the automated warranty expiry alert script, the Scheduled Job was tested using the Background Scripts module in ServiceNow.

📃 Objective

To ensure the system correctly:

- Identifies assets with warranty expiring within the next 30 days

- Sends alert emails to the IT support team

- Logs confirmation messages to the system log

🔧 Step-by-Step Process

1. **Navigate to:**
   🔍 All → System Definition → Scripts – Background
   or use filter: Background Scripts

2. **Paste the Scheduled Job script into the editor.**

📌 **Script Preview:**

3. **Click on Run Script.**

✅ Expected Output

- Assets whose u_warranty_expire date falls within today and 30 days from now should be picked up.

- An email is generated and sent to the configured address (e.g., it-support@company.com).

- The system log should show a message like:

[0:00:00.098] Script completed in scope global: script

Script execution history and recovery available here

*** Script: Email sent for assest: ASUS Laptop

🔍 Validation

- Verified that only eligible assets were processed.

- Confirmed that the email subject and body used the correct field values.

- Ensured no errors occurred during GlideRecord or email sending.

🟢 Result

✅ The Scheduled Job script executed as expected. It correctly filtered upcoming expiring warranties, sent notifications, and logged asset names. This confirms that automated maintenance alerts are functional and production-ready.