

Output Phase

Date	27 June 2025
Team ID	LTVIP2025TMID29726
Project Name	Asset Management Portal
Maximum Marks	4 Marks

Output Phase




After implementing and testing all modules of the Asset Management Portal in ServiceNow, the following outputs were successfully delivered:

1. Asset Inventory Table Created

- A custom table named Asset Inventory was created to store physical and digital asset data.
 - Fields such as Asset Name, Type, Status, Assigned To, Purchase Date, Warranty Expire, and Number were defined.
 - Status and Type fields were configured with dropdown (choice) values to ensure consistent data entry.
-

2. Functional UI Actions Developed

Three custom UI action buttons were added to allow users to quickly update asset status from the form view:

-  Mark as Lost: Sets asset status to "Lost"
-  Mark as Repaired: Sets asset status to "Available" if previously "Lost" or "Damaged"
-  Mark as Damaged: Sets asset status to "Damaged"

Each action includes a condition and a script to update the record and redirect users to the updated record view.

3. Scheduled Job for Warranty Alert Automation

- A Scheduled Job was created to run daily at 12:00 PM.
- The script identifies assets whose warranties are set to expire within the next 30 days.
- Automated emails are sent to the IT support team, alerting them about upcoming expiries with asset details.
- Logging is enabled using gs.info for easy monitoring.

Example Log Output:

Email sent for asset: Asus Output


4. Dynamic Report: Available vs Assigned Assets

- A pie chart report was generated based on the asset status.
- It visually represents the proportion of assets in different states (Available, Assigned, Lost, Damaged, etc.).
- Helps stakeholders quickly assess the distribution of asset utilization.

Screenshot example (if applicable): Pie chart showing 50% Available, 30% Assigned, 10% Damaged, 10% Lost

5. Testing Completed Successfully

- Manually inserted 10 sample records with varied types, statuses, and warranty dates.
 - Verified each UI action updated the status field as expected.
 - Executed the Scheduled Job script through Background Scripts — emails were logged with correct asset names.
 - Report showed expected segmentation after data population.
-

 The Asset Management Portal is now fully functional, automating routine asset tracking, status management, warranty alerts, and reporting — improving operational efficiency and reducing manual effort.