

1. Basic Information Section

- The system should **auto-adjust the fields** based on the selected **Asset Category**.
Example: Selecting “Desktop” shows only desktop-related fields.
- **Asset Code** should be **auto generated** to ensure consistency and avoid manual errors.
- **Location** should use a **searchable dropdown**, with an **“Add +” option** in case a new location needs to be created.

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2. Hardware Details Section

Hardware Details

Manufacturer

e.g., HP, Lenovo, Dell

Model

e.g., HP Pro Tower 290 G9

Serial Number

e.g., 4CE323CR0Q

- **Manufacturer** should use a **searchable dropdown**, including an **“Add +” option** to create new manufacturers when needed.
- **Model** should also be a **searchable dropdown** with an **“Add +” option** for adding new models easily.

3. Technical Specifications Section

Technical Specifications

OS Version

e.g., Windows 11 Pro, Ubuntu 22.04

CPU Type

e.g., Intel Core i7-12700

Memory (RAM)

e.g., 16 GB, 32 GB

Storage

e.g., 512 GB, 1 TB

Additional Specifications

Other technical specifications (pipe-delimited)

- The fields for **Operating System (OS)**, **CPU**, **RAM**, and **Storage** should all use **searchable dropdowns** for faster selection and easier data entry.
- Each of these fields should also include an **“Add +” option** to allow users to create new items if the required OS, CPU type, RAM size, or Storage type does not already exist in the list.

4. Assignment & Ownership Section

Assignment & Ownership

Assigned To

e.g., John Doe

Department

Select Department ▼

Previous Owner

e.g., Jane Smith

- Since this section is only relevant when **adding a new asset**, it would be helpful to **remove or hide this field** during other operations (e.g., viewing or editing assets) to simplify the interface and reduce confusion.

5. Device Condition Automation

- It would be helpful if the **Condition** field could be **automatically determined** based on the asset's **age**.

Suggested logic:

- **1 year old** → *Excellent*
- **2–3 years old** → *Good*
- **4 years old** → *Fair*
- **5 years and above** → *Poor*
- This automation would ensure consistency, reduce manual input, and provide a more accurate assessment of asset conditions across the system.