

# Asset Register Record â€” JSON Data Structure

## Sample JSON Structure

```
{
  "asset_id": "A123456",
  "asset_name": "Dell Latitude Laptop",
  "category": "IT Equipment",
  "description": "14-inch business laptop with Intel i5 Processor",
  "serial_number": "SN1A2B3C4D5E6",
  "purchase_date": "2022-06-15",
  "warranty_expiration": "2025-06-15",
  "location": "Head Office, 2nd Floor",
  "department": "Finance",
  "status": "Active",
  "cost": 1100.00,
  "supplier": {
    "name": "Tech Supplies Ltd",
    "contact": "support@techsupplies.com"
  },
  "assigned_to": {
    "employee_id": "E00541",
    "name": "Alex Morgan"
  },
  "maintenance_records": [
    {
      "date": "2023-04-10",
      "details": "Replaced battery",
      "performed_by": "IT Department"
    }
  ],
  "comments": "Laptop in good condition."
}
```

## Important Notes

- Each asset should have a unique **asset\_id** for identification and tracking.
- Maintenance records can be stored as an array to keep historical service details.
- Supplier and assignment information are structured as objects for clarity and extensibility.
- Date fields should follow the standard **YYYY-MM-DD** format.
- Ensure confidential data (e.g., assigned employee) is handled according to privacy policies.
- This structure can be extended to include custom fields as per organizational needs.