

Asset Register Record – 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.