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public with sharing class CreateDefaultData{
    Static Final String TYPE_ROUTINE_MAINTENANCE = 'Routine Maintenance';
    //gets value from custom metadata How_We_Roll_Settings__mdt to know
    if Default data was created
        @AuraEnabled
        public static Boolean isDataCreated() {
            How_We_Roll_Settings__c    customSetting =
How_We_Roll_Settings__c.getOrgDefaults();
            return customSetting.Is_Data_Created__c;
        }

        //creates Default Data for How We Roll application
        @AuraEnabled
        public static void createDefaultData(){
            List<Vehicle__c> vehicles = createVehicles();
            List<Product2> equipment = createEquipment();
            List<Case> maintenanceRequest =
createMaintenanceRequest(vehicles);
            List<Equipment_Maintenance_Item__c> joinRecords =
createJoinRecords(equipment, maintenanceRequest);

            updateCustomSetting(true);
        }

        public static void updateCustomSetting(Boolean isDataCreated){
            How_We_Roll_Settings__c    customSetting =
How_We_Roll_Settings__c.getOrgDefaults();
            customSetting.Is_Data_Created__c = isDataCreated;
            upsert customSetting;
        }

        public static List<Vehicle__c> createVehicles(){
            List<Vehicle__c> vehicles = new List<Vehicle__c>();
            vehicles.add(new Vehicle__c(Name = 'Toy Hauler RV',
Air_Conditioner__c = true, Bathrooms__c = 1, Bedrooms__c = 1, Model__c =
'Toy Hauler RV'));
            vehicles.add(new Vehicle__c(Name = 'Travel Trailer RV',
Air_Conditioner__c = true, Bathrooms__c = 2, Bedrooms__c = 2, Model__c =
'Travel Trailer RV'));
            vehicles.add(new Vehicle__c(Name = 'Teardrop Camper',
Air_Conditioner__c = true, Bathrooms__c = 1, Bedrooms__c = 1, Model__c =
'Teardrop Camper'));
            vehicles.add(new Vehicle__c(Name = 'Pop-Up Camper',
Air_Conditioner__c = true, Bathrooms__c = 1, Bedrooms__c = 1, Model__c =
'Pop-Up Camper'));
            insert vehicles;
            return vehicles;
        }

        public static List<Product2> createEquipment(){
            List<Product2> equipments = new List<Product2>();
            equipments.add(new Product2(Warehouse_SKU__c =
'55d66226726b611100aaf741',name = 'Generator 1000 kW',
Replacement_Part__c = true, Cost__c = 100 ,Maintenance_Cycle__c = 100));
            equipments.add(new Product2(name = 'Fuse 20B',Replacement_Part__c
= true, Cost__c = 1000, Maintenance_Cycle__c = 30 ));
        }
    }

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        equipments.add(new Product2(name = 'Breaker
13C',Replacement_Part__c = true,Cost__c = 100 , Maintenance_Cycle__c =
15));
        equipments.add(new Product2(name = 'UPS 20
VA',Replacement_Part__c = true,Cost__c = 200 , Maintenance_Cycle__c =
60));
        insert equipments;
        return equipments;

    }

    public static List<Case> createMaintenanceRequest(List<Vehicle__c>
vehicles){
        List<Case> maintenanceRequests = new List<Case>();
        maintenanceRequests.add(new Case(Vehicle__c = vehicles.get(1).Id,
Type = TYPE_ROUTINE_MAINTENANCE, Date_Reported__c = Date.today()));
        maintenanceRequests.add(new Case(Vehicle__c = vehicles.get(2).Id,
Type = TYPE_ROUTINE_MAINTENANCE, Date_Reported__c = Date.today()));
        insert maintenanceRequests;
        return maintenanceRequests;
    }

    public static List<Equipment_Maintenance_Item__c>
createJoinRecords(List<Product2> equipment, List<Case>
maintenanceRequest){
        List<Equipment_Maintenance_Item__c> joinRecords = new
List<Equipment_Maintenance_Item__c>();
        joinRecords.add(new Equipment_Maintenance_Item__c(Equipment__c =
equipment.get(0).Id, Maintenance_Request__c =
maintenanceRequest.get(0).Id));
        joinRecords.add(new Equipment_Maintenance_Item__c(Equipment__c =
equipment.get(1).Id, Maintenance_Request__c =
maintenanceRequest.get(0).Id));
        joinRecords.add(new Equipment_Maintenance_Item__c(Equipment__c =
equipment.get(2).Id, Maintenance_Request__c =
maintenanceRequest.get(0).Id));
        joinRecords.add(new Equipment_Maintenance_Item__c(Equipment__c =
equipment.get(0).Id, Maintenance_Request__c =
maintenanceRequest.get(1).Id));
        joinRecords.add(new Equipment_Maintenance_Item__c(Equipment__c =
equipment.get(1).Id, Maintenance_Request__c =
maintenanceRequest.get(1).Id));
        joinRecords.add(new Equipment_Maintenance_Item__c(Equipment__c =
equipment.get(2).Id, Maintenance_Request__c =
maintenanceRequest.get(1).Id));
        insert joinRecords;
        return joinRecords;
    }
}

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