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 ));

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;

}

}