|  |
| --- |
| public class MaintenanceRequestHelper { |
|  | public static void updateworkOrders(List<Case> updWorkOrders, Map<Id,Case> nonUpdCaseMap) { |
|  | Set<Id> validIds = new Set<Id>(); |
|  | For (Case c : updWorkOrders){ |
|  | if (nonUpdCaseMap.get(c.Id).Status != 'Closed' && c.Status == 'Closed'){ |
|  | if (c.Type == 'Repair' || c.Type == 'Routine Maintenance'){ |
|  | validIds.add(c.Id); |
|  | } |
|  | } |
|  | } |
|  |  |
|  | if (!validIds.isEmpty()){ |
|  | Map<Id,Case> closedCases = new Map<Id,Case>([SELECT Id, Vehicle\_\_c, Equipment\_\_c, Equipment\_\_r.Maintenance\_Cycle\_\_c, |
|  | (SELECT Id,Equipment\_\_c,Quantity\_\_c FROM Equipment\_Maintenance\_Items\_\_r) |
|  | FROM Case WHERE Id IN :validIds]); |
|  | Map<Id,Decimal> maintenanceCycles = new Map<ID,Decimal>(); |
|  |  |
|  | AggregateResult[] results = [SELECT Maintenance\_Request\_\_c, |
|  | MIN(Equipment\_\_r.Maintenance\_Cycle\_\_c)cycle |
|  | FROM Equipment\_Maintenance\_Item\_\_c |
|  | WHERE Maintenance\_Request\_\_c IN :ValidIds GROUP BY Maintenance\_Request\_\_c]; |
|  |  |
|  | for (AggregateResult ar : results){ |
|  | maintenanceCycles.put((Id) ar.get('Maintenance\_Request\_\_c'), (Decimal) ar.get('cycle')); |
|  | } |
|  |  |
|  | List<Case> newCases = new List<Case>(); |
|  | for(Case cc : closedCases.values()){ |
|  | Case nc = new Case ( |
|  | ParentId = cc.Id, |
|  | Status = 'New', |
|  | Subject = 'Routine Maintenance', |
|  | Type = 'Routine Maintenance', |
|  | Vehicle\_\_c = cc.Vehicle\_\_c, |
|  | Equipment\_\_c =cc.Equipment\_\_c, |
|  | Origin = 'Web', |
|  | Date\_Reported\_\_c = Date.Today() |
|  | ); |
|  |  |
|  | nc.Date\_Due\_\_c = Date.today().addDays((Integer) maintenanceCycles.get(cc.Id)); |
|  | newCases.add(nc); |
|  | } |
|  |  |
|  | insert newCases; |
|  |  |
|  | List<Equipment\_Maintenance\_Item\_\_c> clonedList = new List<Equipment\_Maintenance\_Item\_\_c>(); |
|  | for (Case nc : newCases){ |
|  | for (Equipment\_Maintenance\_Item\_\_c clonedListItem : closedCases.get(nc.ParentId).Equipment\_Maintenance\_Items\_\_r){ |
|  | Equipment\_Maintenance\_Item\_\_c item = clonedListItem.clone(); |
|  | item.Maintenance\_Request\_\_c = nc.Id; |
|  | clonedList.add(item); |
|  | } |
|  | } |
|  | insert clonedList; |
|  | } |
|  | } |
|  | } |