Project Document

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(Apex Specialist Superbadge & Process Automation Specialist Superbadge)

Apex Specialist:

Automate record creation ->

2.1 MaintenanceRequestHelper

```
public with sharing 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()){
         List<Case> newCases = new List<Case>();
```

```
        Map<Id,Case> closedCasesM = 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'));
    }

        for(Case cc : closedCasesM.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()

            );

            If (maintenanceCycles.containskey(cc.Id)){
                nc.Date_Due__c = Date.today().addDays((Integer) maintenanceCycles.get(cc.Id));
            } else {
                nc.Date_Due__c = Date.today().addDays((Integer)
cc.Equipment__r.maintenance_Cycle__c);
            }

            newCases.add(nc);
        }

        insert newCases;

        List<Equipment_Maintenance_Item__c> clonedWPs = new
List<Equipment_Maintenance_Item__c>();
        for (Case nc : newCases){
            for (Equipment_Maintenance_Item__c wp :
closedCasesM.get(nc.ParentId).Equipment_Maintenance_Items__r){
                Equipment_Maintenance_Item__c wpClone = wp.clone();
                wpClone.Maintenance_Request__c = nc.Id;
                ClonedWPs.add(wpClone);

            }
        }
```

```
            insert ClonedWPs;
        }
    }
}
```

2.2 MaitenanceRequest

```
 trigger MaintenanceRequest on Case (before update, after update) {

    if(Trigger.isUpdate && Trigger.isAfter){

        MaintenanceRequestHelper.updateWorkOrders(Trigger.New, Trigger.OldMap);

    }

}
```

Synchronize Salesforce data with an external system ->

3.1 WarehouseCalloutService

```
public with sharing class WarehouseCalloutService implements Queueable {
    private static final String WAREHOUSE_URL = 'https://th-superbadge-
apex.herokuapp.com/equipment';

    //class that makes a REST callout to an external warehouse system to get a list of equipment
that needs to be updated.
    //The callout's JSON response returns the equipment records that you upsert in Salesforce.

    @future(callout=true)
    public static void runWarehouseEquipmentSync(){
        Http http = new Http();
        HttpRequest request = new HttpRequest();

        request.setEndpoint(WAREHOUSE_URL);
        request.setMethod('GET');
        HttpResponse response = http.send(request);

        List<Product2> warehouseEq = new List<Product2>();

        if (response.getStatusCode() == 200){
            List<Object> jsonResponse =
(List<Object>)JSON.deserializeUntyped(response.getBody());
```

```
        System.debug(response.getBody());

        //class maps the following fields: replacement part (always true), cost, current inventory,
lifespan, maintenance cycle, and warehouse SKU
        //warehouse SKU will be external ID for identifying which equipment records to update
within Salesforce
        for (Object eq : jsonResponse){
            Map<String,Object> mapJson = (Map<String,Object>)eq;
            Product2 myEq = new Product2();
            myEq.Replacement_Part__c = (Boolean) mapJson.get('replacement');
            myEq.Name = (String) mapJson.get('name');
            myEq.Maintenance_Cycle__c = (Integer) mapJson.get('maintenanceperiod');
            myEq.Lifespan_Months__c = (Integer) mapJson.get('lifespan');
            myEq.Cost__c = (Integer) mapJson.get('cost');
            myEq.Warehouse_SKU__c = (String) mapJson.get('sku');
            myEq.Current_Inventory__c = (Double) mapJson.get('quantity');
            myEq.ProductCode = (String) mapJson.get('_id');
            warehouseEq.add(myEq);
        }

        if (warehouseEq.size() > 0){
            upsert warehouseEq;
            System.debug('Your equipment was synced with the warehouse one');
        }
      }
    }

    public static void execute (QueueableContext context){
      runWarehouseEquipmentSync();
    }

}
```

After saving the code open execute anonymous window (CTRl+E) and run this method ,

System.enqueueJob(new WarehouseCalloutService());

Schedule synchronization ->

4.1 WarehouseSyncShedule

```
global with sharing class WarehouseSyncSchedule implements Schedulable{
    global void execute(SchedulableContext ctx){
      System.enqueueJob(new WarehouseCalloutService());
    }
```

}

Test automation logic ->

5.1 MaintenanceRequestHelperTest

```
@istest
public with sharing class MaintenanceRequestHelperTest {

    private static final string STATUS_NEW = 'New';
    private static final string WORKING = 'Working';
    private static final string CLOSED = 'Closed';
    private static final string REPAIR = 'Repair';
    private static final string REQUEST_ORIGIN = 'Web';
    private static final string REQUEST_TYPE = 'Routine Maintenance';
    private static final string REQUEST_SUBJECT = 'Testing subject';

    PRIVATE STATIC Vehicle__c createVehicle(){
        Vehicle__c Vehicle = new Vehicle__C(name = 'SuperTruck');
        return Vehicle;
    }

    PRIVATE STATIC Product2 createEq(){
        product2 equipment = new product2(name = 'SuperEquipment',
                                          lifespan_months__C = 10,
                                          maintenance_cycle__C = 10,
                                          replacement_part__c = true);
        return equipment;
    }

    PRIVATE STATIC Case createMaintenanceRequest(id vehicleId, id equipmentId){
        case cs = new case(Type=REPAIR,
                           Status=STATUS_NEW,
                           Origin=REQUEST_ORIGIN,
                           Subject=REQUEST_SUBJECT,
                           Equipment__c=equipmentId,
                           Vehicle__c=vehicleId);
        return cs;
    }

    PRIVATE STATIC Equipment_Maintenance_Item__c createWorkPart(id equipmentId,id
requestId){
        Equipment_Maintenance_Item__c wp = new
Equipment_Maintenance_Item__c(Equipment__c = equipmentId,
                                                    Maintenance_Request__c = requestId);
        return wp;
```

```
    }



 @istest
    private static void testMaintenanceRequestPositive(){
        Vehicle__c vehicle = createVehicle();
        insert vehicle;
        id vehicleId = vehicle.Id;

        Product2 equipment = createEq();
        insert equipment;
        id equipmentId = equipment.Id;

        case somethingToUpdate = createMaintenanceRequest(vehicleId,equipmentId);
        insert somethingToUpdate;

        Equipment_Maintenance_Item__c workP =
createWorkPart(equipmentId,somethingToUpdate.id);
        insert workP;

        test.startTest();
        somethingToUpdate.status = CLOSED;
        update somethingToUpdate;
        test.stopTest();

        Case newReq = [Select id, subject, type, Equipment__c, Date_Reported__c, Vehicle__c,
Date_Due__c
                from case
                where status =:STATUS_NEW];

        Equipment_Maintenance_Item__c workPart = [select id
                                    from Equipment_Maintenance_Item__c
                                    where Maintenance_Request__c =:newReq.Id];

        system.assert(workPart != null);
        system.assert(newReq.Subject != null);
        system.assertEquals(newReq.Type, REQUEST_TYPE);
        SYSTEM.assertEquals(newReq.Equipment__c, equipmentId);
        SYSTEM.assertEquals(newReq.Vehicle__c, vehicleId);
        SYSTEM.assertEquals(newReq.Date_Reported__c, system.today());
    }

    @istest
    private static void testMaintenanceRequestNegative(){
        Vehicle__C vehicle = createVehicle();
        insert vehicle;
        id vehicleId = vehicle.Id;
```

```
        product2 equipment = createEq();
        insert equipment;
        id equipmentId = equipment.Id;

        case emptyReq = createMaintenanceRequest(vehicleId,equipmentId);
        insert emptyReq;

        Equipment_Maintenance_Item__c workP = createWorkPart(equipmentId, emptyReq.Id);
        insert workP;

        test.startTest();
        emptyReq.Status = WORKING;
        update emptyReq;
        test.stopTest();

        list<case> allRequest = [select id
                                 from case];

        Equipment_Maintenance_Item__c workPart = [select id
                                                  from Equipment_Maintenance_Item__c
                                                  where Maintenance_Request__c = :emptyReq.Id];

        system.assert(workPart != null);
        system.assert(allRequest.size() == 1);
    }

    @istest
    private static void testMaintenanceRequestBulk(){
        list<Vehicle__C> vehicleList = new list<Vehicle__C>();
        list<Product2> equipmentList = new list<Product2>();
        list<Equipment_Maintenance_Item__c> workPartList = new
list<Equipment_Maintenance_Item__c>();
        list<case> requestList = new list<case>();
        list<id> oldRequestIds = new list<id>();

        for(integer i = 0; i < 300; i++){
          vehicleList.add(createVehicle());
           equipmentList.add(createEq());
        }
        insert vehicleList;
        insert equipmentList;

        for(integer i = 0; i < 300; i++){
           requestList.add(createMaintenanceRequest(vehicleList.get(i).id,
equipmentList.get(i).id));
        }
        insert requestList;

        for(integer i = 0; i < 300; i++){
```

```
        workPartList.add(createWorkPart(equipmentList.get(i).id, requestList.get(i).id));
    }
    insert workPartList;

    test.startTest();
    for(case req : requestList){
        req.Status = CLOSED;
        oldRequestIds.add(req.Id);
    }
    update requestList;
    test.stopTest();

    list<case> allRequests = [select id
                              from case
                              where status =: STATUS_NEW];

    list<Equipment_Maintenance_Item__c> workParts = [select id
                                                     from Equipment_Maintenance_Item__c
                                                     where Maintenance_Request__c in: oldRequestIds];

    system.assert(allRequests.size() == 300);
  }
}
```

5.2MaintenanceRequestHelper

```
public with sharing 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()){
      List<Case> newCases = new List<Case>();
      Map<Id,Case> closedCasesM = 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'));
    }

        for(Case cc : closedCasesM.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()

            );

            If (maintenanceCycles.containskey(cc.Id)){
                nc.Date_Due__c = Date.today().addDays((Integer) maintenanceCycles.get(cc.Id));
            }

            newCases.add(nc);
        }

        insert newCases;

        List<Equipment_Maintenance_Item__c> clonedWPs = new
List<Equipment_Maintenance_Item__c>();
        for (Case nc : newCases){
            for (Equipment_Maintenance_Item__c wp :
closedCasesM.get(nc.ParentId).Equipment_Maintenance_Items__r){
                Equipment_Maintenance_Item__c wpClone = wp.clone();
                wpClone.Maintenance_Request__c = nc.Id;
                ClonedWPs.add(wpClone);

            }
        }
        insert ClonedWPs;
    }
  }
}
```

5.3 MaintenanceRequest

```
trigger MaintenanceRequest on Case (before update, after update) {
   if(Trigger.isUpdate && Trigger.isAfter){
      MaintenanceRequestHelper.updateWorkOrders(Trigger.New, Trigger.OldMap);  }   }
```

Test callout logic ->

6.1 WarehouseCalloutService

```
public with sharing class WarehouseCalloutService {

   private static final String WAREHOUSE_URL = 'https://th-superbadge-
apex.herokuapp.com/equipment';

   //@future(callout=true)
   public static void runWarehouseEquipmentSync(){

      Http http = new Http();
      HttpRequest request = new HttpRequest();

      request.setEndpoint(WAREHOUSE_URL);
      request.setMethod('GET');
      HttpResponse response = http.send(request);


      List<Product2> warehouseEq = new List<Product2>();

      if (response.getStatusCode() == 200){
         List<Object> jsonResponse = (List<Object>)JSON.deserializeUntyped(response.getBody());
         System.debug(response.getBody());

         for (Object eq : jsonResponse){
            Map<String,Object> mapJson = (Map<String,Object>)eq;
            Product2 myEq = new Product2();
            myEq.Replacement_Part__c = (Boolean) mapJson.get('replacement');
            myEq.Name = (String) mapJson.get('name');
            myEq.Maintenance_Cycle__c = (Integer) mapJson.get('maintenanceperiod');
            myEq.Lifespan_Months__c = (Integer) mapJson.get('lifespan');
            myEq.Cost__c = (Decimal) mapJson.get('lifespan');
            myEq.Warehouse_SKU__c = (String) mapJson.get('sku');
            myEq.Current_Inventory__c = (Double) mapJson.get('quantity');
            warehouseEq.add(myEq);
         }

         if (warehouseEq.size() > 0){
            upsert warehouseEq;
            System.debug('Your equipment was synced with the warehouse one');
            System.debug(warehouseEq);
```

```
        }

    }
  }
}
```

6.2 WarehouseCalloutServiceTest

```
@isTest

private class WarehouseCalloutServiceTest {
  @isTest
  static void testWareHouseCallout(){
    Test.startTest();
    // implement mock callout test here
    Test.setMock(HTTPCalloutMock.class, new WarehouseCalloutServiceMock());
    WarehouseCalloutService.runWarehouseEquipmentSync();
    Test.stopTest();
    System.assertEquals(1, [SELECT count() FROM Product2]);
  }
}
```

6.3 WarehouseCalloutServiceMock

```
@isTest
global class WarehouseCalloutServiceMock implements HttpCalloutMock {
  // implement http mock callout
  global static HttpResponse respond(HttpRequest request){

    System.assertEquals('https://th-superbadge-apex.herokuapp.com/equipment',
request.getEndpoint());
    System.assertEquals('GET', request.getMethod());

    // Create a fake response
    HttpResponse response = new HttpResponse();
    response.setHeader('Content-Type', 'application/json');

response.setBody('[{"_id":"55d66226726b611100aaf741","replacement":false,"quantity":5,"name":"Ge
nerator 1000 kW","maintenanceperiod":365,"lifespan":120,"cost":5000,"sku":"100003"}]');
    response.setStatusCode(200);
    return response;
  }
}
```

Test scheduling logic ->

7.1 WarehouseSyncSchedule

```
global class WarehouseSyncSchedule implements Schedulable {
   global void execute(SchedulableContext ctx) {

      WarehouseCalloutService.runWarehouseEquipmentSync();
   }
}
```

7.2 WarehouseSyncScheduleTest

```
@isTest
public class WarehouseSyncScheduleTest {

   @isTest static void WarehousescheduleTest(){
      String scheduleTime = '00 00 01 * * ?';
      Test.startTest();
      Test.setMock(HttpCalloutMock.class, new WarehouseCalloutServiceMock());
      String jobID=System.schedule('Warehouse Time To Schedule to Test', scheduleTime, new
WarehouseSyncSchedule());
      Test.stopTest();
      //Contains schedule information for a scheduled job. CronTrigger is similar to a cron job on
UNIX systems.
      // This object is available in API version 17.0 and later.
      CronTrigger a=[SELECT Id FROM CronTrigger where NextFireTime > today];
      System.assertEquals(jobID, a.Id,'Schedule ');


   }
}
```

Process Automation Specialist:

Automate Leads ->

Validation rule on Lead

Searched for Validation rule and created a new under Leads

Error Condition Formula:

OR(AND(LEN(State) > 2,
NOT(CONTAINS("AL:AK:AZ:AR:CA:CO:CT:DE:DC:FL:GA:HI:ID:IL:IN:IA:KS:KY:LA:ME:MD:MA:MI:MN:MS:MO:MT:NE:NV:NH:NJ:NM:NY:NC:ND:OH:OK:OR:PA:RI:SC:SD:TN:TX:UT:VT:VA:WA:WV:WI:WY", State))), NOT(OR(Country ="US",Country ="USA",Country ="United States", ISBLANK(Country))))Copy

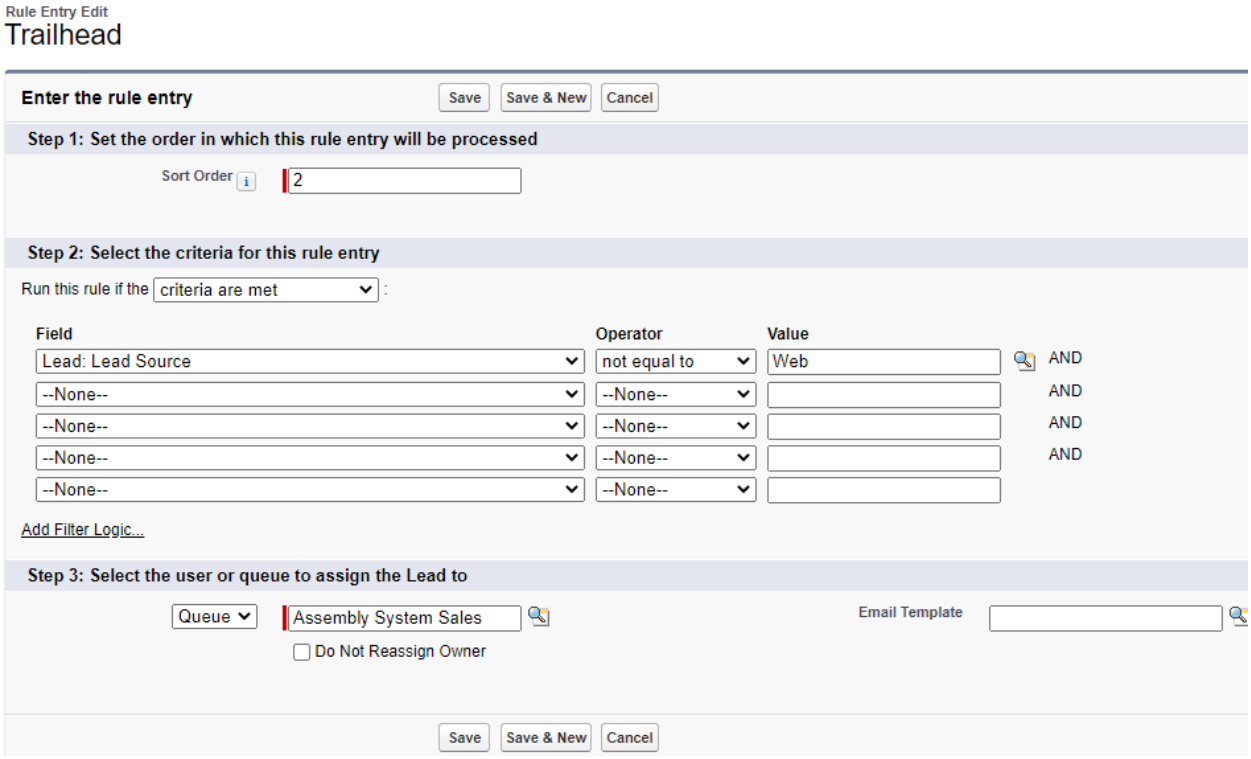
Created two Queues:

Searched in quick box and select lead as object and create the below queues.

Queue Name: Rainbow Sales ; **AND** Assembly System Sales

Assignment Rule:

Search from quick box and create a new.



Automate Accounts ->

Created 4 Roll Up Summary fields as below:

Field 1: Label: **Number of deals**
Summary Type: **COUNT**
Summarized Object: **Opportunity**
Filter Criteria: **None**

Field 2: Label: **Number of won deals**
Summary Type: **COUNT**
Summarized Object: **Opportunity**
Filter Criteria: **Stage EQUALS Closed Won**
Field 3: Label: **Last won deal date**
Summary Type: **MAX**
Field to Aggregate: **Opportunity: Close Date**
Summarized Object: **Opportunity**
Filter Criteria: **Stage EQUALS Closed Won**
Field 4: Label: **Amount of won deals**
Summary Type: **SUM**
Field to Aggregate: **Opportunity: Amount**
Summarized Object: **Opportunity**
Filter Criteria: **Stage EQUALS Closed Won**
And 2 Formula Fields with below:

Field 5: Label: **Deal win percent**
Return Type: **Percent**
Decimal Places: 2
Formula: ***(Number_of_won_deals__c / Number_of_deals__c)***
Field 6: Label: **Call for Service**
Return Type: **Text**
Formula: ***IF(DATE(YEAR(Last_won_deal_date__c)+2 , MONTH(Last_won_deal_date__c),DAY(Last_won_deal_date__c)) <= TODAY(), "Yes", "No")***
Create 2 validation rules as below
Validation Rule 1 : **Rule Name :** US_Address (*Anything*)

Error Condition Formula :

```
OR(AND(LEN(BillingState) > 2,
NOT(CONTAINS("AL:AK:AZ:AR:CA:CO:CT:DE:DC:FL:GA:HI:ID:IL:IN:IA:KS:KY:LA:ME:MD:MA:MI:
MN:MS:MO:MT:NE:NV:NH:NJ:NM:NY:NC:ND:OH:OK:OR:PA:RI:SC:SD:TN:TX:UT:VT:VA:WA:WV:
WI:WY", BillingState ))
),AND(LEN(ShippingState) > 2,
NOT(CONTAINS("AL:AK:AZ:AR:CA:CO:CT:DE:DC:FL:GA:HI:ID:IL:IN:IA:KS:KY:LA:ME:MD:MA:MI:
MN:MS:MO:MT:NE:NV:NH:NJ:NM:NY:NC:ND:OH:OK:OR:PA:RI:SC:SD:TN:TX:UT:VT:VA:WA:WV:
WI:WY", ShippingState))
),NOT(OR(BillingCountry ="US",BillingCountry ="USA",BillingCountry ="United States",
ISBLANK(BillingCountry))),
NOT(OR(ShippingCountry ="US",ShippingCountry ="USA",ShippingCountry ="United States",
ISBLANK(ShippingCountry))))Copy
```

Error Message : You can not save a new account unless the shipping and billing state fields are valid US state abbreviations, and the country field is either blank or US, USA, or United States.

Error Location : Top Of Page
VALIDATION RULE 2 : **Rule Name :** Name Change

Error Condition Formula :
ISCHANGED(Name) && (OR(ISPICKVAL(Type ,'Customer - Direct') ,ISPICKVAL(Type ,'Customer - Channel')))Copy

Error Message : You can't change the Account name for "Customer – Direct" or "Customer – Channel"

Error Location : Account Name

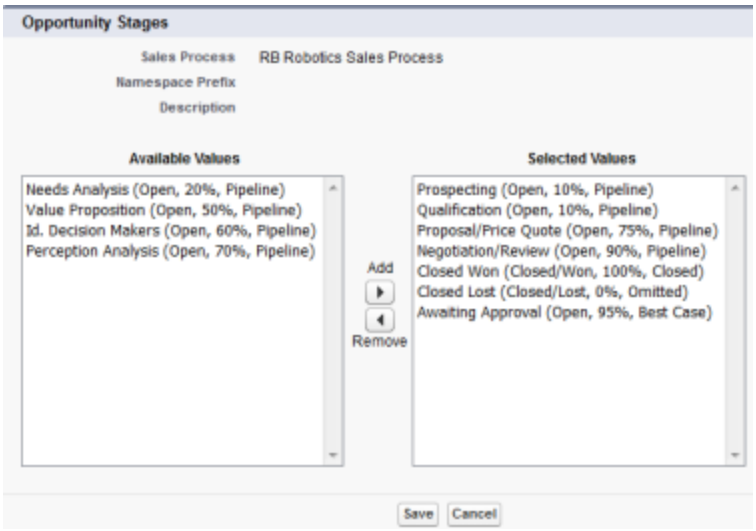
Create Robot Setup Object ->

Created a custom object **Robot Setup** with a Master-Detail relationship to the **opportunity** include Autonumber the record name, starting with 0 using name format: ROBOT SETUP-{0000}.
Use the following field names.

Date, Date__c : Date type
Notes, Notes__c : Text type
Day of the Week, Day_of_the_Week__c : Number

Create Sales Process and Validate Opportunities ->

Started by adding a field to Opportunity
Approval: Checkbox type
Ideally, the sales reps shouldn't be able to check that box and only system administrators like and sales managers should be able to check it. Though it doesn't throw an error for that condition.
Also, Click on the Opportunity field **STAGE** and add a picklist value as **"Awaiting Approval"**
Next, **created a sales process** under opportunities by searching the sales process in the Search box. Add the desired fields as below

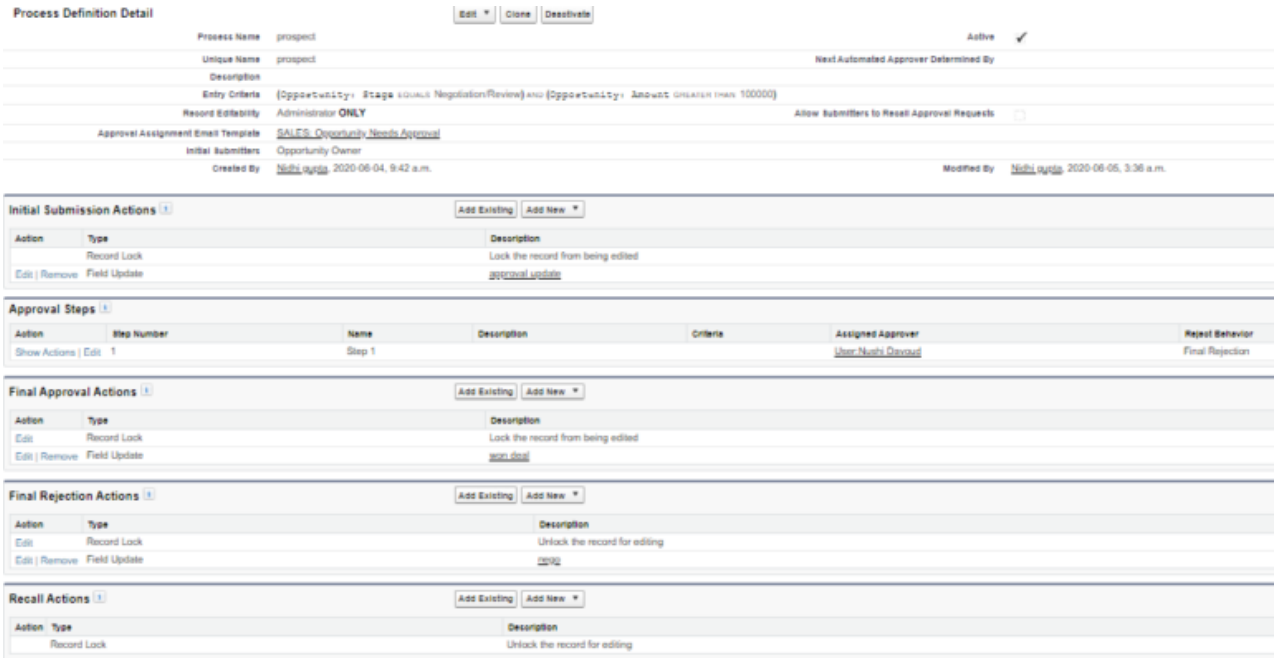


Next add the **Opportunity Validation Rule** with error formula as below
IF((Amount > 100000 && Approved__c <> True && ISPICKVAL(StageName,'Closed Won')),True,False)

Automate Opportunities ->

Created Three Email Templates:
Finance: Account Creation,
SALES: Opportunity Needs Approval,
Sales: Opportunity Approval Status
Create related Email Alert from search box for the templates above.

Created an approval process:
Search for the approval process and select an **opportunity** object.

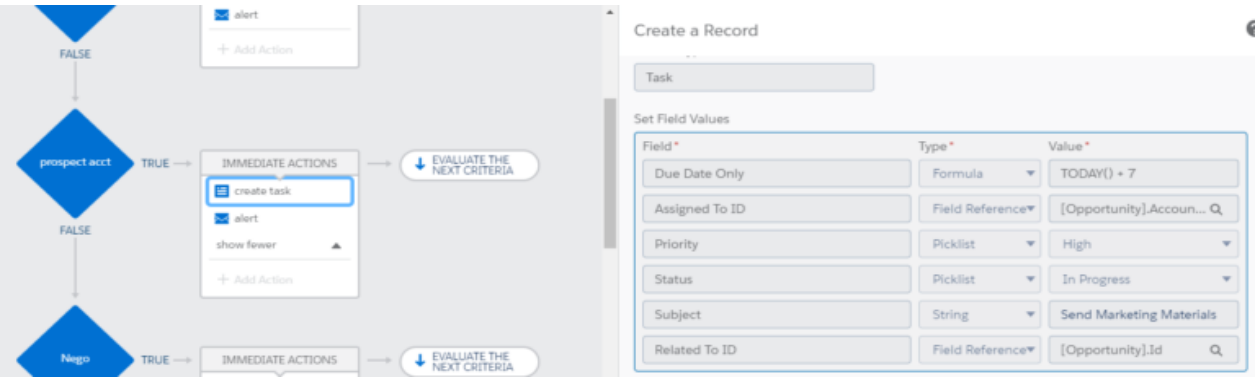


Criteria :
(Opportunity: Stage EQUALS Negotiation/Review**)** AND **(**Opportunity: Amount GREATER THAN 100000**)**
SALES: Opportunity Needs Approval——->Template. Make sure to populate your manager as **Nushi Davoud** in **Manage Users**.
Create a process with the process builder
Opportunity object with option created and updated.

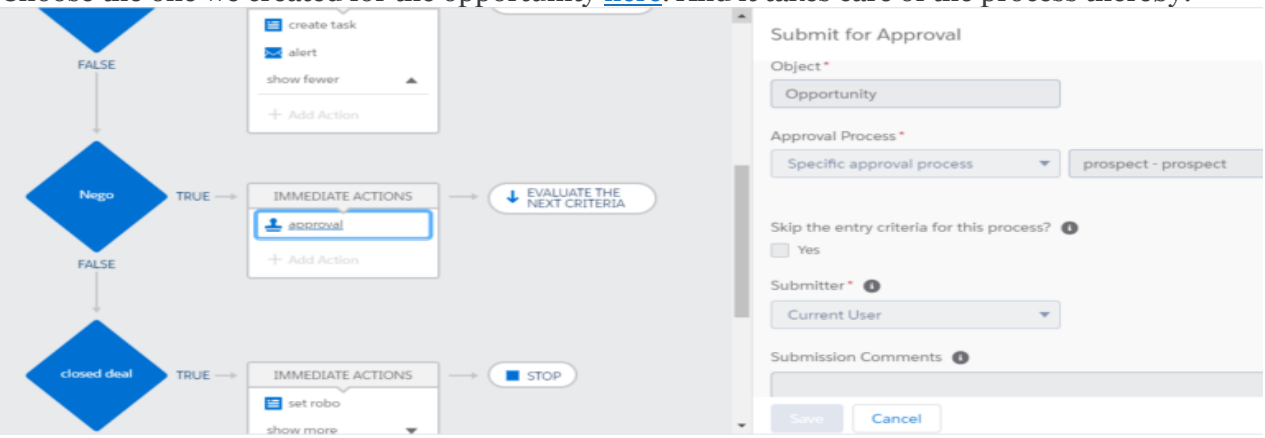
Node 1 Criteria.: Opportunity.Account Type = customer and Opportunity.account id not equal to null
Node 2 Criteria.: Opportunity.Account Type = Prospect, Opportunity stage = prospecting and Opportunity.account id not equal to null
Node 3 Criteria.: Opportunity Stage = Negotiation/Review and Opportunity Amount > 100,000
Node 4 Criteria.: Opportunity Stage = Closed Won

Action for **Node 1 Email Alert** to mail notifies account creation: Finance: Account Creation.

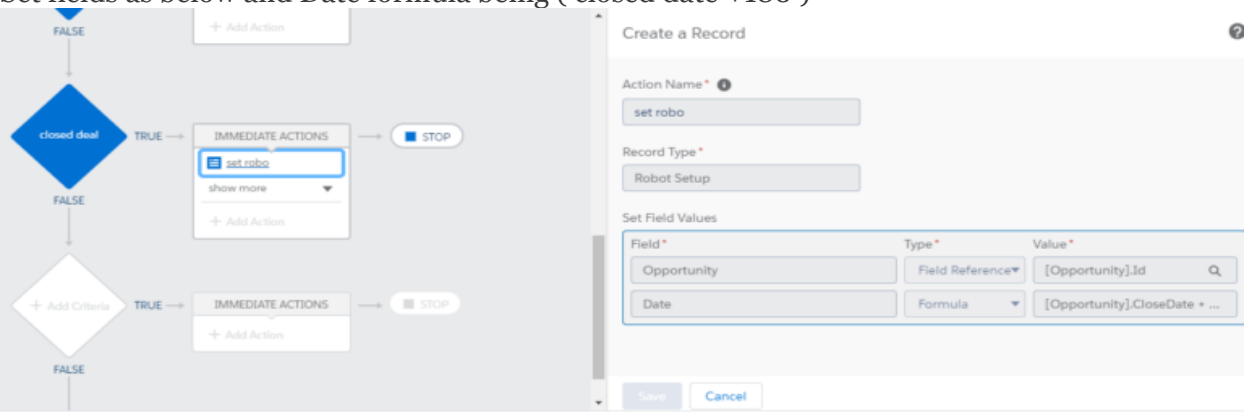
***Action for** Node 2 :*
Email Alert ***to mail notifies account creation : Finance: Account Creation.***
*Create a Record****: Task with any name but mandatory subject line 'Send Marketing Materials'.***
Make sure the string has no full stop or comma to it.
***Assigned to the** Account owner*



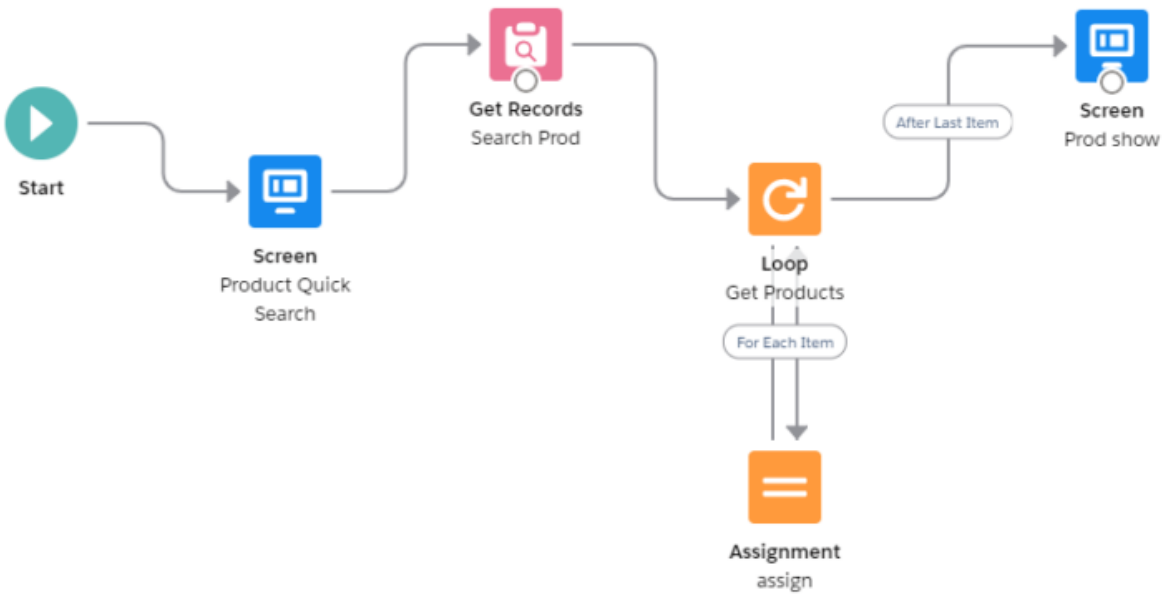
Action for **Node 3**: Approvals
Choose the one we created for the opportunity here. And it takes care of the process thereby.



Action for **Node 4: Record** for Robot Setup
Set fields as below and Date formula being (closed date +180)



Create Flow for Opportunities ->



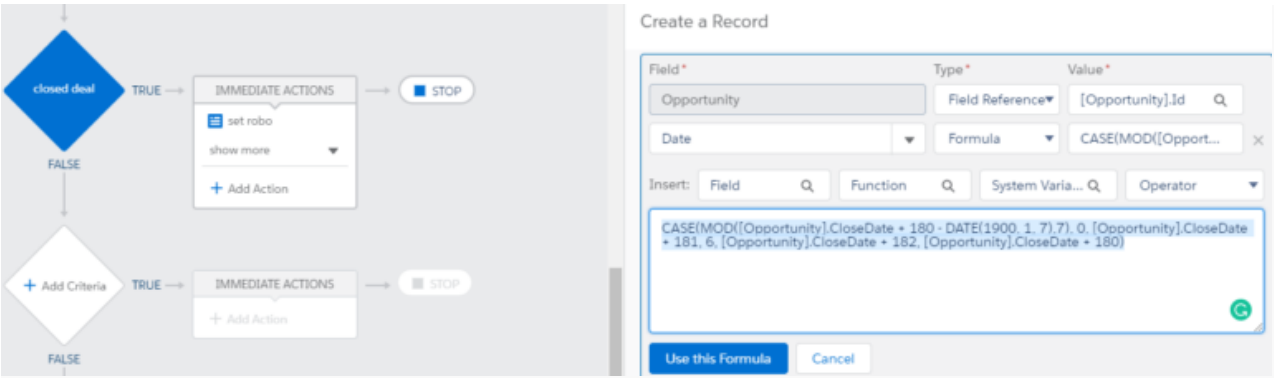
Automate Setups ->

Search for the field “Day of the Week” on robot object and change the field type from Number to formula field of return type: text and use the below formula.
If you don’t find the formula field in the edit option of the field, you can delete and recreate the field with the same name as well.

Formula being :

```
Case ( WEEKDAY( Date_c ),
1,"Sunday",
2,"Monday",
3,"Tuesday",
4,"Wednesday",
5,"Thursday",
6,"Friday",
7,"Saturday",
Text(WEEKDay(Date_c)))Copy
```

Go to the Process we created in step 5. Clone this Process. Go to action on the last node where we set up robo record. Change formula of date field
from **[Opportunity].CloseDate + 180..to**.. below formula.



CASE(MOD([Opportunity].CloseDate + 180 - DATE(1900, 1, 7),7), 0, [Opportunity].CloseDate + 181, 6, [Opportunity].CloseDate + 182, [Opportunity].CloseDate + 180)