

# Apex Specialist

## Challenge 1

### **Automated Record Creation**

1. Go to the App Launcher -> Search How We Roll Maintenance -> click on Maintenance Requests -> click on first case -> click Details -> change the type Repair to Routine Maintenance -> select Origin = Phone -> Vehicle = select Teardrop Camper , save it.
2. Feed -> Close Case = save it..
3. Go to the Object Manager -> Maintenance Request ->Field & Relationships ->New ->Lookup Relationship -> next -> select Equipment ->next -> Field Label = Equipment ->next->next->next -> save it .
4. Now go to the developer console use below code.

### **MaintenanceRequestHelper.apxc**

```
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;
    }
}

```

### **MaintenanceRequest.apxt**

```

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

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

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

    }

}

```

1. After saving the code go back the How We Roll Maintenance ,
2. click on Maintenance Requests -> click on 2nd case -> click Details -> change the type Repair to Routine Maintenance -> select Origin = Phone -> Vehicle = select Teardrop Camper , save it.
3. Feed -> Close Case = save it..

Now check challenge.

## **Challenge 2**

### **Synchronize Salesforce data with an external system**

- Setup -> Search in quick find box -> click Remote Site Settings -> Name = Warehouse URL , Remote Site URL = <https://th-superbadge-apex.herokuapp.com> , make sure active is selected.
- Go to the developer console use below code .
- 

### **WarehouseCalloutService.apxc :-**

```

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());
```

Now check Challenge.

### **Challenge 3**

#### **Schedule synchronization using Apex code**

- Go to the developer console use below code ,

#### **WarehouseSyncShedule.apxc :-**

```

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

```

Save it , after that...

- Go to setup -> Search in Quick find box -> Apex Classes -> click Schedule Apex and Jb Name = WarehouseSyncScheduleJob , Apex Class = WarehouseSyncSchedule as it is below shown in the image ,

Now check challenge.

### **Challenge 4**

#### **Test automation logic**

- Go to the developer console use below code ,

#### **MaintenanceRequestHelperTest.apxc :-**

@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);
}
}

```

## MaintenanceRequestHelper.apxc :-

```
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;
}
}
}

```

### **MaintenanceRequest.apxt :-**

```

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

```

**run all**

Now check challenge.

## **Challenge 5** **Test callout logic**

- Go to the developer console use below code ,

### **WarehouseCalloutService.apxc :-**

```
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);
    }

}

}
}
}

```

### **WarehouseCalloutServiceTest.apxc :-**

@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]);
    }
}

```

### **WarehouseCalloutServiceMock.apxc :-**

@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":"Generator 1000 kW","maintenanceperiod":365,"lifespan":120,"cost":5000,"sku":"100003"}');
        response.setStatusCode(200);
        return response;
    }
}

```

**run all**

Now check challenge.

## **Challenge 6**

### **Test scheduling logic**

- Go to the developer console use below code ,

#### **WarehouseSyncSchedule.apxc :-**

```
global class WarehouseSyncSchedule implements Schedulable {
    global void execute(SchedulableContext ctx) {
        WarehouseCalloutService.runWarehouseEquipmentSync();
    }
}
```

#### **WarehouseSyncScheduleTest.apxc :-**

```
@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 ');
    }
}
```

**run all**

Now check challenge.

# Process Automation Specialist

## **Important Pre-works before you start doing this Superbadge:**

- Create a new Trailhead Playground for this superbadge. Your new org will have all the special data you need. (Be sure to create a Trailhead Playground, and not a regular Developer Edition org. Only Trailhead Playgrounds have the correct data for these challenges.) Using this org for any other reason might create problems when validating the challenges.
- Use Lightning Experience.
- Install the Process Automation superbadge unmanaged package(package ID 04t46000001Zch4). If you have trouble installing a

managed or unmanaged package or app from AppExchange, follow the steps in [this article](#).

- **Don't use Workflow to solve any challenges.**

*These three are very important to avoid any error while doing challenges in the superbadge.*



## **Challenge 1**

### **Validation Rule**

- Check the function for Length.
- Remember to check the NULL Values in Validation rule.

### **Queue Creation**

- This is straightforward normal Queue creation
- Create Names with related to appropriate sales team.

### **Assignment Rule**

- Create new Assignment rule for this scenario(Do not use the standard rule).
- Make sure that you rule is Active before you validate this step.

**Tip:** Create 2 public groups (Sales Team) and assign each one queue.

## Challenge 2

### Field Creations on Account Object

- **Number of deals** Field should be a Roll-Up Summary take count of COUNT Opportunities
- **Number of won deals** Field should be a Roll-Up Summary (COUNT Opportunity) with filter criteria of Closed Won
- **Amount of won deals** Field should be a Roll-Up Summary (SUM Opportunity) with filter criteria of Closed Won
- **Last won deal date** Field should be a Roll-Up Summary (MAX Opportunity)
- **Deal win percent** Field should be a Formula(Percentage field) IF Number\_of\_deals\_\_c greater than 0 the , Number\_of\_won\_deals\_\_c /Number\_of\_deals\_\_c otherwise Zero
- **Call for Service** Field should be a Formula (Date) *IF(OR(TODAY() – 730 > Last\_won\_deal\_date\_\_c , TODAY() + 730 < Last\_won\_deal\_date\_\_c ), 'Yes','No')*

### Validation Rules on Account Object

- For Customer – Channel  
  
ISCHANGED( Name ) && ISPICKVAL(Type, "Customer – Channel")
- For Customer – Direct  
  
ISCHANGED( Name ) && ISPICKVAL(Type, "Customer – Direct" )
- For Billing State/Province

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))

- For Billing Country

BillingCountry <> "US" && BillingCountry <> "USA" && BillingCountry <> "United States" && NOT( ISBLANK(BillingCountry ) )

- For Shipping State/Province and Shipping Country

Don't forget replicate For Shipping State/Province and Shipping Country same as Billing State/Province and Billing Country validation which I have mentioned above.

### Challenge 3

It can be done easily:

- Create a object and make sure the object name should be ***Robot\_Setup\_\_c***
- Edit the Robot name(Standard field) switch the data type from Text to AutoNumber and make sure the display format should be ***ROBOT SETUP-{0000}***
- Create following fields with correct data type:

Date----->Date\_\_c----->DATE

Notes-----> Notes\_\_c----->TEXT

Day of the Week-->Day\_of\_the\_Week\_\_c--->TEXT

## Challenge 4

- Create Sales Process in Opportunity; the name should be ***RB Robotics Sales Process***.
- Create a record type; the name should be ***RB Robotics Process RT***.
- Add ***Awaiting Approval*** value in opportunity Stage don't forget to add RB Robotics Process RT record type.
- Create a Checkbox field and Name it ***Approved***.
- Write a validation rule as below:

AND( Amount > 100000, Approved\_\_c = False)

## Challenge 5

**Approval Process Definition Detail:** See the screenshot below for details

It's time to create **Process Builder**.

Name: **Automate Opportunities**

**Note:** If you have trouble in creating process builder, comment the errors you are getting, so that I will guide you to process it.

## Challenge 6

Create the flow to display products.

Screen (Product Type Search) Properties:

Get Records (Product Name Lookup) Properties:

- Activate the flow
- Add the flow to the opportunity screen using app builder.

Create a Record Page on Opportunity Object:

Go to Lightning App Builder page and click new. Record Page Properties are as follows

- Add the component on newly created Opportunity Record Page.
- Please don't forget to Activate the page.

## Challenge 7

- Change the datatype for “Day of the week” field from TEXT to Formula (TEXT) and use the following the formula to get Day of the week

`CASE( MOD( Date__c – DATE(1900, 1, 7), 7), 0, “Sunday”, 1, “Monday”, 2, “Tuesday”, 3, “Wednesday”, 4, “Thursday”, 5, “Friday”, 6, “Saturday”, “Error”)`

*Or You can use this formula also instead of above formula*

`CASE(WEEKDAY( Date__c ),  
1, “Sunday”,  
2, “Monday”,  
3, “Tuesday”,  
4, “Wednesday”,  
5, “Thursday”,  
6, “Friday”,  
7, “Saturday”,  
Text(WEEKDAY( Date__c )))`

Create Another **Process Builder (Name: Robot Setup)**

Conditions are as below:

- If Day of the week is Saturday , change [Robot\_Setup\_\_c].Date\_\_c +2
- If Day of the week is Saturday , change [Robot\_Setup\_\_c].Date\_\_c +1

Activate the Process and you are done!