# Requirement

We need to generate OBRs at the point of beginning a request based on any SMR -> SAS/SAL records available which are eligible for an extension request.

# Solution

1. List any SMRs which are appropriate based on SPR and Year.

2. List all Mabs for SMRs.

3. If any SRAs exist for mab, list them based on primary keys, IF NOT GO TO 6.

4. Check due date is within valid range to make a request.

5. Create the OBR using values on SRA/SRR.

6. List SAS based on primary keys - check if in date

7. Create the OBR using values on SAS/SAL.

8. In order to relate back to the original OBJ, the mhd\_code of the task we are working on needs passing into a temporary variable before the first letter is run.

# Technical Implementation

## 1. Get SMRs

<<#MHD=<$$MHD\_CODE>>> (see 8)

<<"SPR\_CODE=<#STUDENT>·\*·;AYR\_CODE=2016/7·;FORCEALLFIELDS=Y"&G{SMR.SH-ER-CROBR1}>>

## 2. Get list of Mabs for SMRs and check for RAS

## Detect if any RAS

## {{SEL:(1=1):<<#RAS=SPR\_CODE.SRA=<SPR\_CODE.SMR>·;MOD\_CODE.SRA=<MOD\_CODE.SMR>·;AYR\_CODE.SRA=<AYR\_CODE.SMR>·;PSL\_CODE.SRA=<PSL\_CODE.SMR>·;MAV\_OCCUR.SRA=<MAV\_OCCUR.SMR>·;COUNTONLY=Y&GMAV\_OCCUR.SRA.CAMS>>}}

If there are, go to SRA.SH-ER-CROBR3

## {{SEL:("<<#RAS>>"!="0"):[[MAB.CAMS:<<SPR\_CODE.SRA=<SPR\_CODE.SMR>·;MOD\_CODE.SRA=<MOD\_CODE.SMR>·;AYR\_CODE.SRA=<AYR\_CODE.SMR>·;PSL\_CODE.SRA=<PSL\_CODE.SMR>·;MAV\_OCCUR.SRA=<MAV\_OCCUR.SMR>·;SRA\_SEQ.SRA=<MAB\_SEQ.MAB>&G{SRA.SH-ER-CROBR3}>>]]}

## Else go to sh-er-crobr2

## {[[MAB.CAMS:<<SPR\_CODE.SAS=<SPR\_CODE.SMR>·;MOD\_CODE.SAS=<MOD\_CODE.SMR>·;AYR\_CODE.SAS=<AYR\_CODE.SMR>·;PSL\_CODE.SAS=<PSL\_CODE.SMR>·;MAV\_OCCUR.SAS=<MAV\_OCCUR.SMR>·;MAB\_SEQ.SAS=<MAB\_SEQ.MAB>&G{SAS.SH-ER-CROBR2}>>]]}}

## 4. Check date is within valid range for request

## [[SAL.CAMS:{{SEL:(<<SRR\_DUEO.SRR&D-<$DATE&D-1D>>> >= 0 & <<SRR\_DUEO.SRR&D-<$DATE&D>>> <= 5):

## <<@SH-ER-CROBR4>>

## }}]]

## 5. Create OBR

SLP: SH-ER-CROBR3

<<P01=ADD·;P02=·;P03=MENSYS·;P04=OBR·;P05=·;P06=·;P07=OBR\_OBJC=ER-<#MHD>·!·;OBR\_OBIC=1·!·;OBR\_CODE=<SRA\_MAPC.SRA>~<SRA\_SEQ.SRA>·!·;OBR\_TYPE.OBR=T·!·;OBR\_SHDR=<SPR\_CODE.SRA&F[1,8]>·!·;OBR\_SFTR=<SRR\_DUEO.SRR>·!·;OBR\_IUSE=N ·;P08=1&PMEN\_YDMU.ACTION·;P08>>

## 6. List SAS based on primary keys

[[SAL.CAMS:{{SEL:(<<SAL\_DUEO.SAL&D-<$DATE&D-1D>>> >= 0 & <<SAL\_DUEO.SAL&D-<$DATE&D>>> <= 5):

<<@SH-ER-CROBR3>>

}}]]

## 7. Create SAS OBRs

<<P01=ADD·;P02=·;P03=MENSYS·;P04=OBR·;P05=·;P06=·;P07=OBR\_OBJC=ER-<#MHD>·!·;OBR\_OBIC=1·!·;OBR\_CODE=<MAP\_CODE.SAS>~<MAB\_SEQ.SAS>·!·;OBR\_TYPE.OBR=T·!·;OBR\_SHDR=<SPR\_CODE.SAS&F[1,8]>·!·;OBR\_SFTR=<SAL\_DUEO.SAL>·!·;OBR\_IUSE=N ·;P08=1&PMEN\_YDMU.ACTION·;P08>>