Introduction

Many a times there is a need that we would not want to allow any changes to be made on Approved Historical Absences.

Meaning of Approved Historical Absence

An absence transaction which has an end-date prior to current system date and has already been approved is referred to as a Approved Historical Absence

For Example, considering today's date (31-May-2020) as current system date

Absence Booked From 03-May-2020 To 04-May-2020 and unapproved is *not a Approved Historical Absence*.

Absence Booked From 03-May-2020 To 04-May-2020 and approved is *Approved Historical Absence*.

Absence Booked From 29-May-2020 to 01-Jun-2020 and approved is *not a Approved Historical Absence*.

Absence Booked From 29-May-2020 to 01-Jun-2020 and not approved is *not a Approved Historical Absence*.

Scenar io	Absen ce Start Date	Absen ce End Date	Absence Status	Approv al Status	Approv ed Absenc e	Histori cal Absenc e	Approv ed Historic al Absenc e
1	04- May- 2020	01- May- 2020	Complet ed	Pendin g Approv al	No	Yes	No
2	01- May- 2020	01- May- 2020	Complet ed	Approv ed	Yes	Yes	Yes
3	29- May- 2020	01- Jun- 2020	In Progress	Pendin g Aprova 1	No	No	No

Restrict Changes on Approved Historical Absences

By: Ashish Harbhajanka

4	29-	01-	In	Approv	Yes	No	No
	May-	Jun-	Progress	ed			
	2020	2020					

As per the above table our intent is to ensure that we get an error message if we try to make changes in scenario 2, in all other cases changes should be allowed.

We will demonstrate how we can achieve the same.

Worked-Out Example

We need to ensure we already have a Absence Type present in the system on which we can apply the new condition. For this example we will use "Special Vacation Leave" Absence Type.

We will also need to create a Custom Error Message.

Navigation: Setup And Maintenance -> Manage Messages (Create)

Also we would need to create a Custom Fast Formula . Details of Formula are given below:

Formula Text	
/**********************	

FORMULA NAME:

XX_ANC_SPECIAL_VACATION_LEAVE_VALIDATION

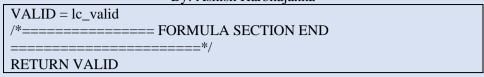
FORMULA TYPE: Global Absence Entry Validation

DESCRIPTION: This formula ensures that no changes can be made to

approved past absences

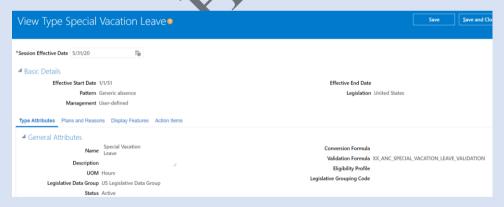
Change History: Name	Dy. Hismish Haronaje	Date	Comments
Ashish Harbhajanka ***********************************	31-May-2020 ********		

DEFAULT FOR PER_AS			
DEFAULT FOR ANC_A		_	_
DEFAULT FOR ANC_A DEFAULT FOR ANC_A			
DEFAULT FOR GLOBA			/
'1951/01/01'			
/*===== DATAI	BASE ITEM DEFAUI ===*/	LTS END	0
	FORMULA SECTION	BEGIN	
/*=====INP		N.	*/
INPUTS ARE IV_STAR			, ,
(date),IV_TOTALDURA) -	
lc_valid = 'Y'	1.0		
lc_error_msg = ' ' ln_abs_entry_id = ANC_A	ARS ENTRY DER A	RSENCE	ENTRY ID
lc_abs_status_cd = ANC_			
lc_abs_appr_status_cd = 1		_	_
ld_current_date =	,		
TO_DATE(GLOBAL_PA			
	UTS SECTION BEGI		
IF (ln_abs_entry_id <> 0 lc_abs_appr_status_cd = '			
ld current date)	AIIROVLD ANDIV	/_LND_DF	AIL <
THEN			
VALID = 'N'		~	
ERROR_MESSAGE = 'X			S_ERR'/*You
cannot make changes to a lc_valid = 'N'	pproved historical abs	ences. 4/	
lc_error_msg = 'XX_ANC	C RESTRICT CHAN	GES ERR	•
RETURN VALID,ERRO		_	
)			





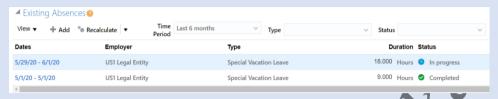
As a next step, we will attach this new formula to Validation formula section of "Special Vacation Leave".



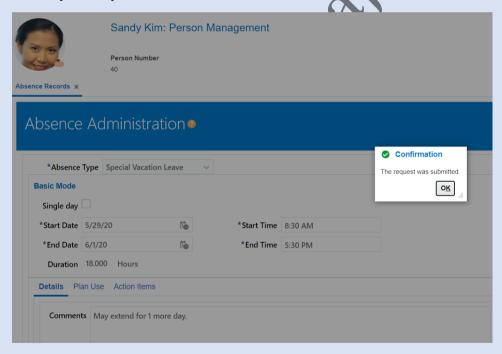
And with this we have completed the configuration piece. We can now record some absences and check application behaviour.

Verification

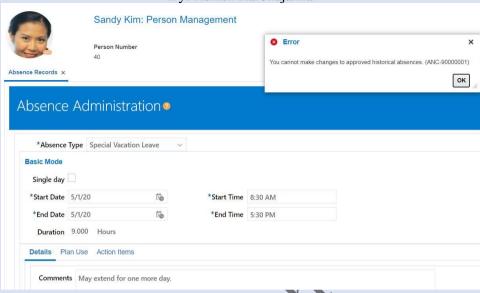
We have already recorded two absence for an employee and they have the following status:



As per the business requirement we should be able to make changes to the "In Progress" Absence transaction. We would add a comment "May extend for one more day" and try to submit.



We would try to add the same comment on the Historical Approved Absence and here we should not be able to make any change.



Summary

So this is how we can restrict any edits/changes to be made on Approved Historical Absence. One may try and extend this to ensure that this restriction only applies to Employees and Line Managers but not to HR Administrators.