Obtaining Id's of salesforce through Error() function in DataBase

Issue: Record (Account/Opportunity/Candidate/Contacts) already exists in Salesforce and also in DataBase. But record ID was not brought back to DataBase for future reference.

Reason: Column of ID in DataBase is blank but record is already existing in Salesforce. During sync from DataBase to Salesforce, record from DataBase is unable to get the reference.

Fig 1: Mapping

Fig 2: Logs

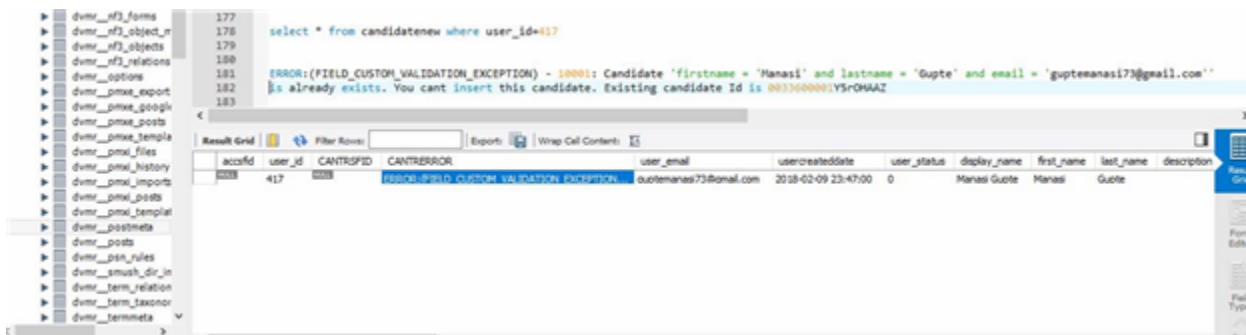Fig 3: Error status in field CANTIDERROR with ID at end and CANTRSFID null

Solution:

1. Open the Workflow that needs to be updated.
2. Open the ERROR status mapping.
3. Update the ID field of DataBase with the function

{

String err = ERROR().trim();

            return err.isEmpty() ? "" : err.substring(err.lastIndexOf(' ')).trim();

}

1. Save and Close. Save the workflow.

ACCTRSFID		accsfid
		user_id
ACCTRSUCCESS		CANTRSFID
		CANTRERROR
CANTRERROR	ERROR()	user_email
		usercreateddate
CANTRSFID	{	user_status
	String err = ERROR().trim();	display_name
	return err.isEmpty() ? "" :	first_name
	err.substring(err.lastIndexOf(' ')).trim();	last_name
	}	description
		fre_new_notify
		user_profile_id
CANTRSUCCESS	"Error"	location
		address
connotimp		phone

Fig 4: Updated mapping

5. Run the sync.

Date	Time	Flow	Message	Type	Error Code
03/09/2018	06:52:35 PM	can Status-Writer	Update Process:null	INFO	
03/09/2018	06:52:35 PM	can Writer	Insert/Update Result: 1 of 1 :true. New Id: <a href='https://na30.salesforce.com/00336...	INFO	

Insert/Update Result: 1 of 1 :true. New Id:
0033600001Y5rOHAAZ

Date	Time	Flow	Message	Type	Error Code
03/09/2018	06:52:35 PM	can Writer	Retriving Results of Contact	INFO	
03/09/2018	06:52:34 PM	can Writer	Performing the Salesforce Object.	INFO	
03/09/2018	06:52:34 PM	can Writer	Total record for writing to Salesforce:1	INFO	

Fig 5: Logs of success

1. Now it is observed that on syncing ID has been brought to DataBase ID field (In this case **CANTRSFID).** But the ERROR field of DataBase is not updated to success.

Fig 6: Updated CANTRSFID (with ERROR message)

1. Re-run the sync. The ERROR field will be updated to Success from error message.

Fig 7: Updated CANTRSFID (with SUCCESS message)