

Relationship Item types

Relationship item types: - there are basically three relation item types.

- 1) Direct relationship
- 2) Circular relationship
- 3) Null relationship

Direct Relationship: - A Direct Relationship Type is the most used pattern and is best described as having a Source ItemType and a Related ItemType.

Note: - source item type is parent item type and related item type is child item type.

For creating relationship, we must keep default structure view tab enable,

If we don't then we are not able to see the relationship grid.

Follow below steps to create relationship: -

Create two item types -> parent item type and child item type.

Open parent item type -> Edit -> open relationship types tab -> Add item types

Give relationship Name -> label -> Name 2 (Fill here name of child item) -> Save.

Now relationship type is created by the name of relationship name.

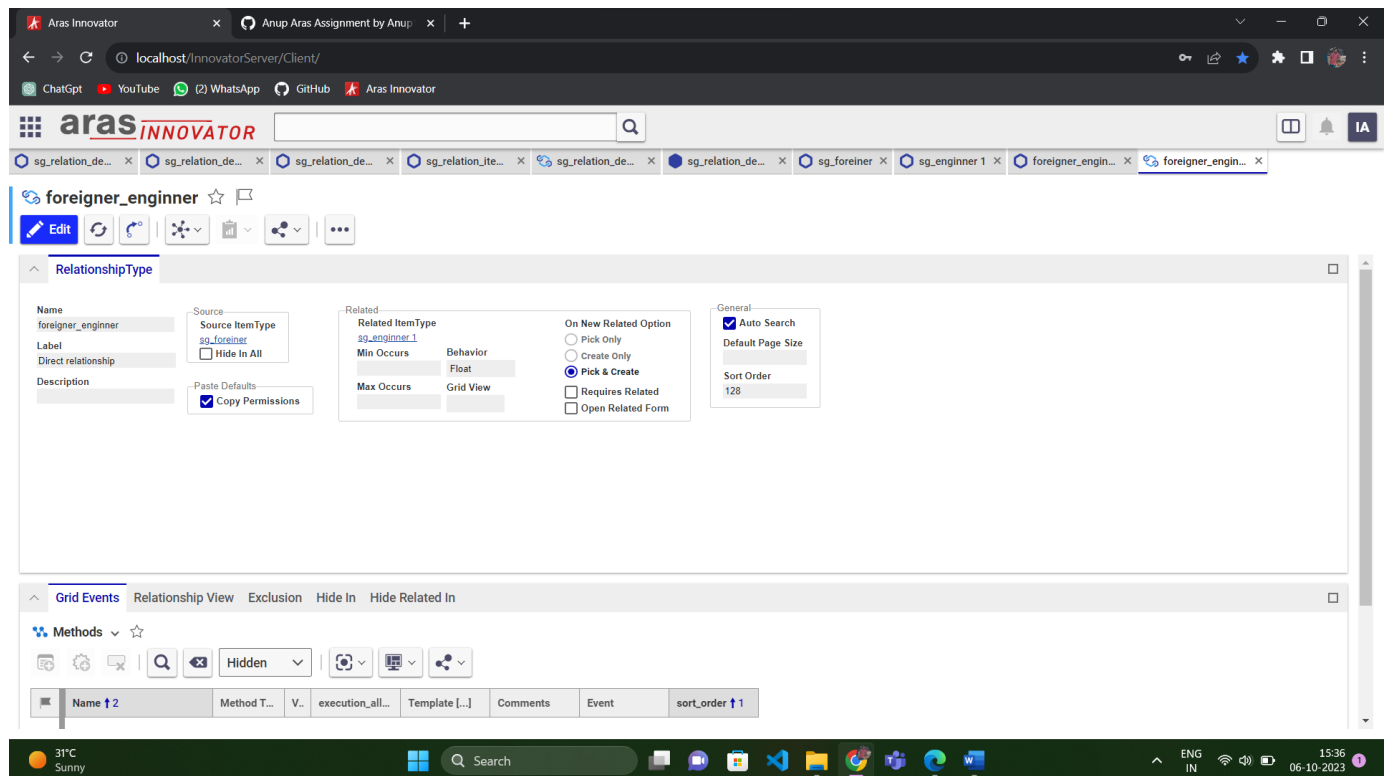
How to see relationship types: -

TOC -> relationship type tab -> Search relationship Name.

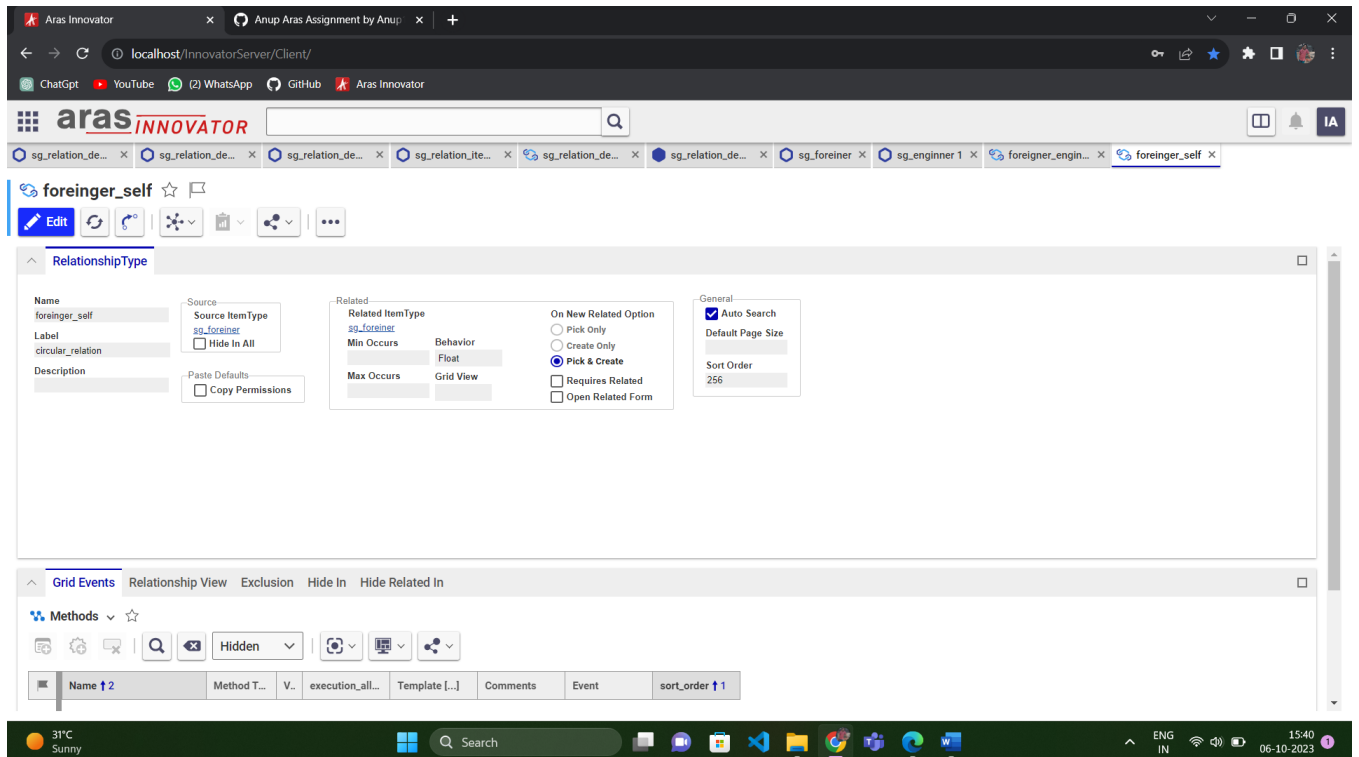
Note: - when we create any relationship type by default one item type is created by the name of which we gave in relationship name.

Circular relationship type: - A Circular Relationship Type simply references itself, there is no need to create any child item type.

In circular relationship type if we want to show additional properties in relationship grid then we can add properties in by default created item types.



These is Direct relationship of two items (foreigner and engineer).



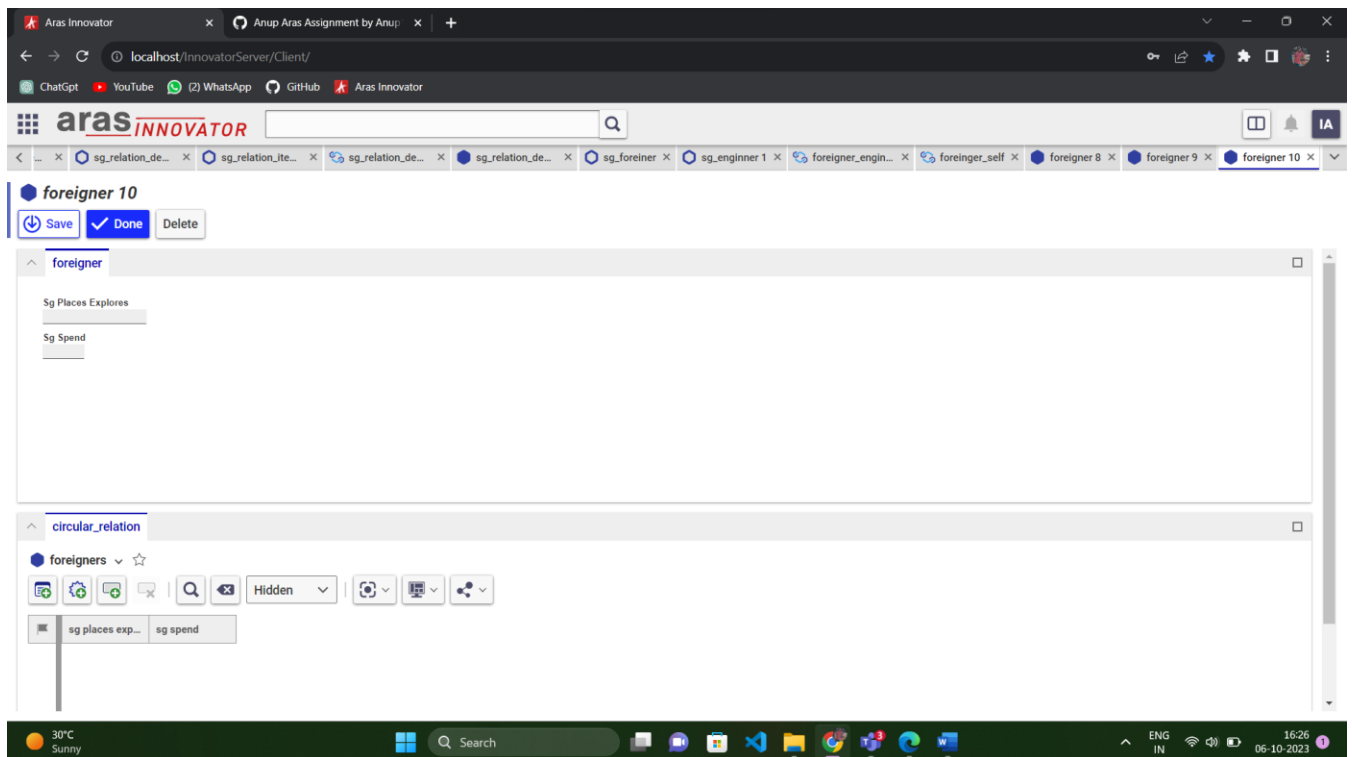
This is Circular relationship type .

Exploring different functionality of relationship item types: -

1) **Hide in all** :- if we enable hide in all then we don't see the relationship grid

But we can see accordion button.

Note :- If we enable default structure view then we even can't see the accordion button.

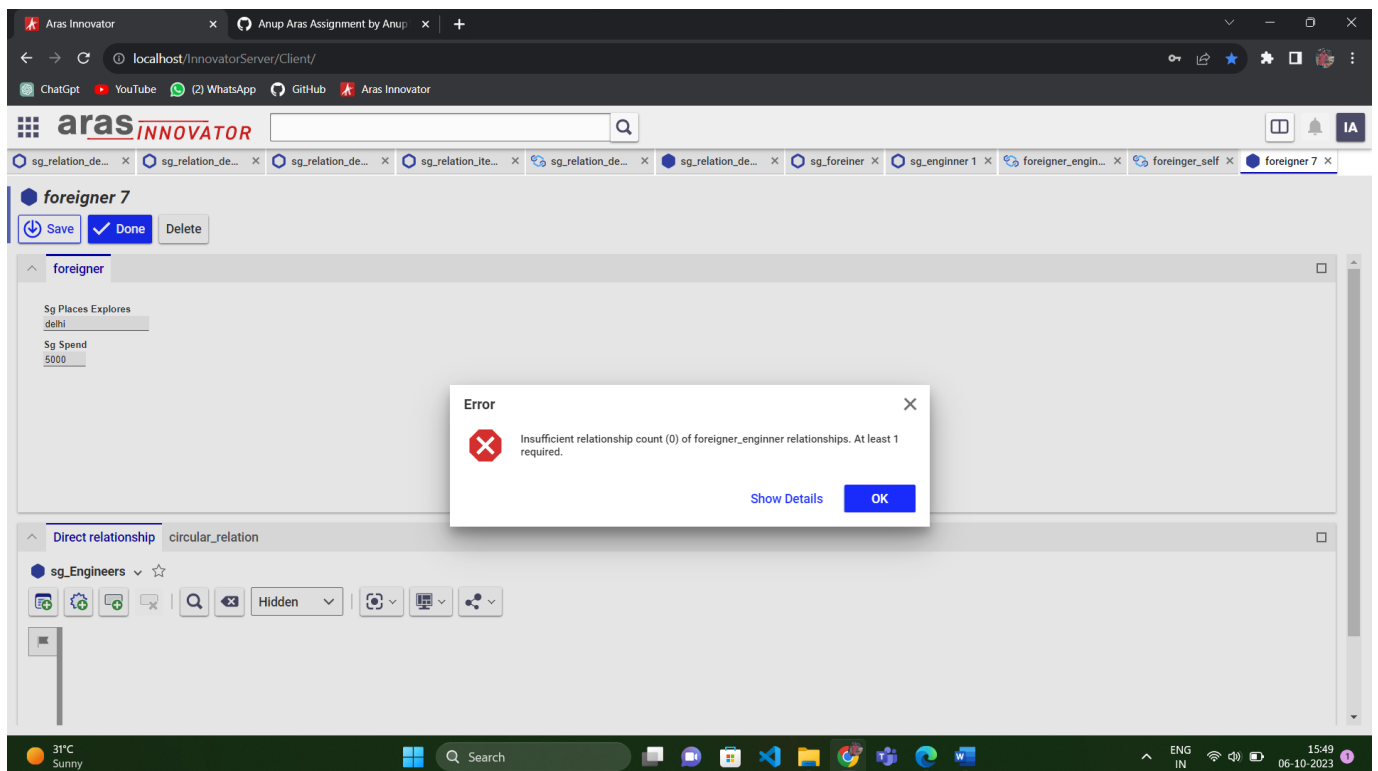


Here we can see that Direct relationship is hidden only circular relationship is visible.

2) Min Occurs & Max Occurs: -

In relationship item type if we describe min occurs is 1 then we must give at least one relationship item otherwise it will throw error.

For max occurs we can give relationship till max occurs count after it will not allow us to add relationship.

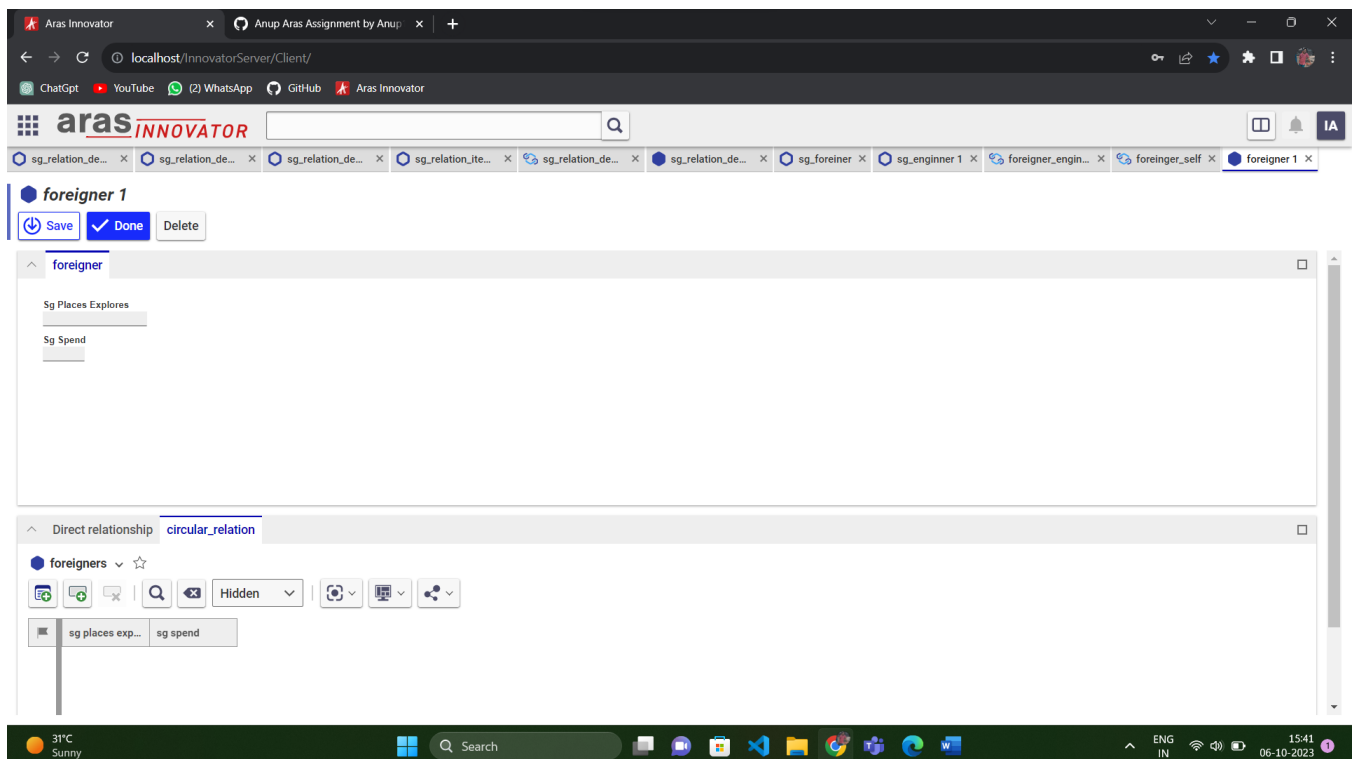


If we don't make any relationships after declaring min occurs 1 then we will get this error.

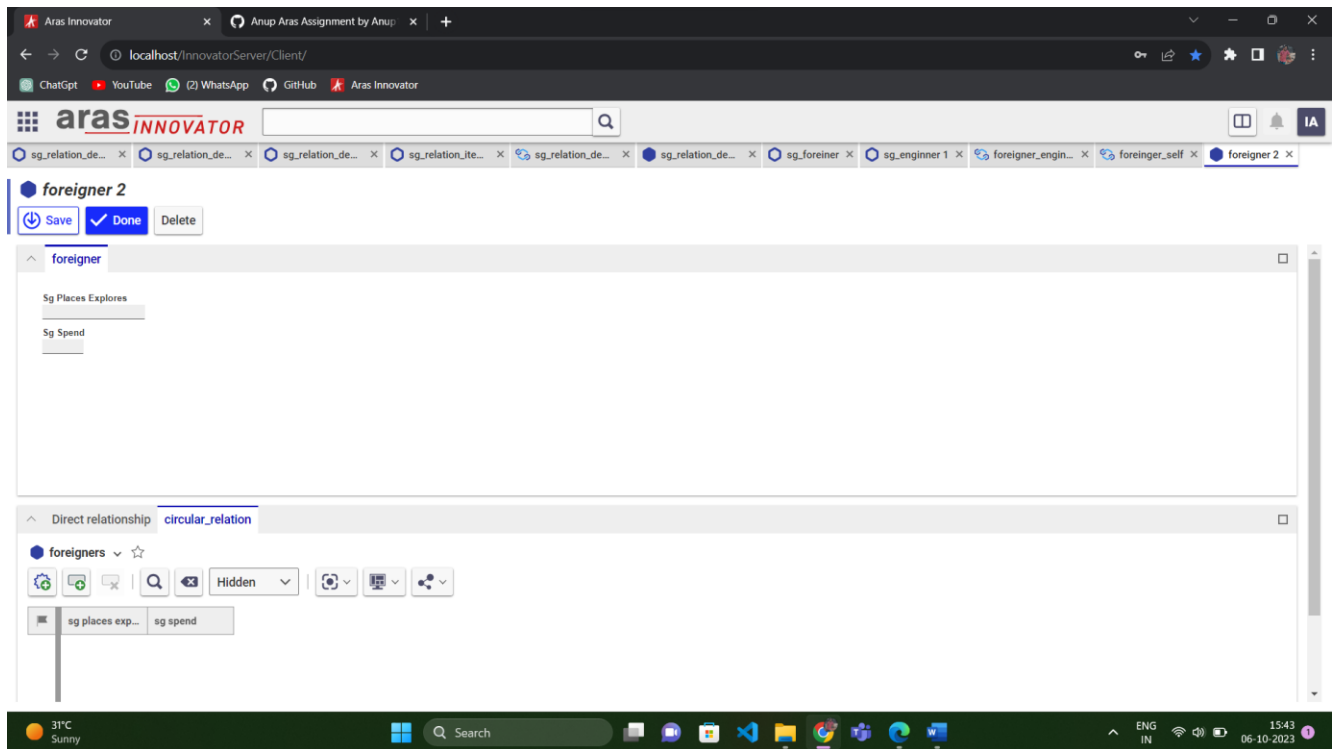
One related option: -

- 1) pick only**
- 2) create only**
- 3) pick & create**
- 4) Require related**
- 5) Open related form**

1) Pick only: - in this create button will be removed.

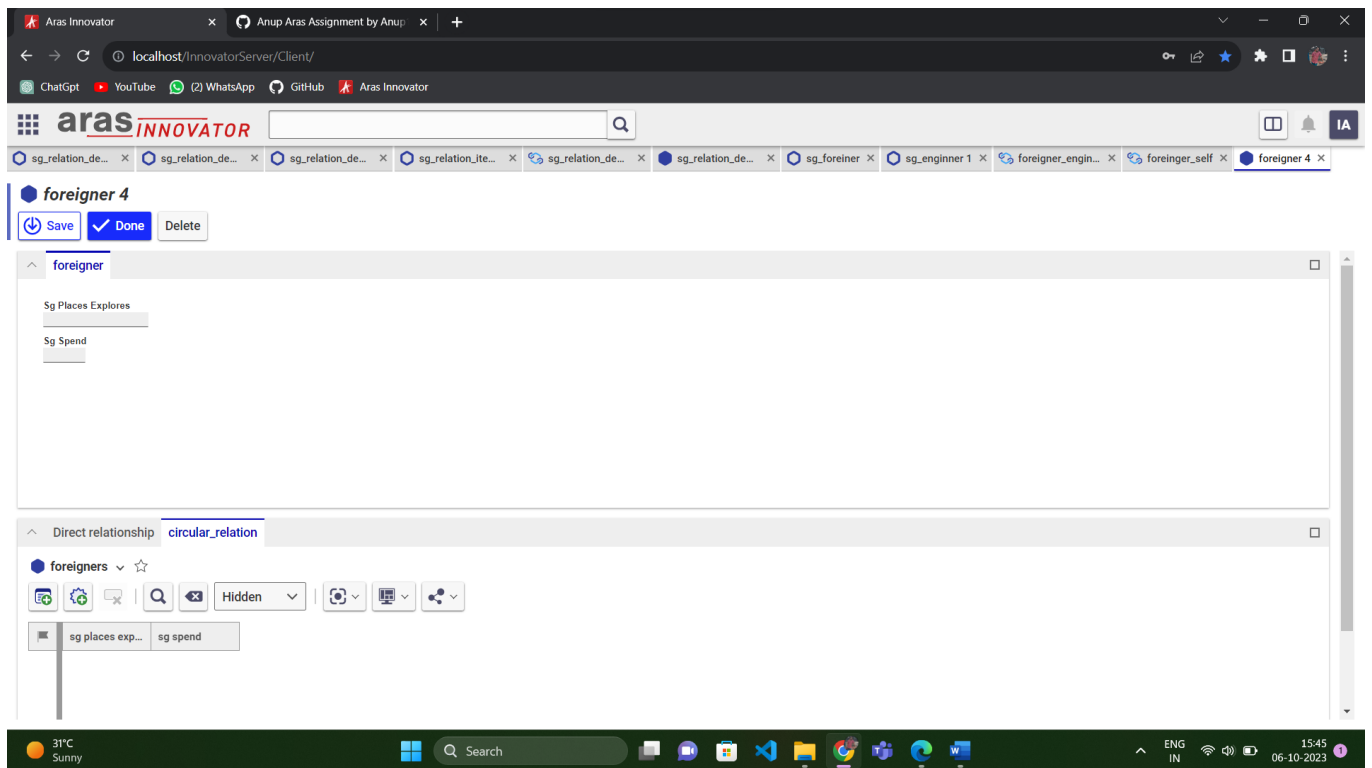


2) **Create only:** - in this pick button will disappear.



3) **Create and Pick button:** - in this button all button will appear.

4) Required Related Button: - in this button we select which button we want show in grid.



5) Open Related Form: -

