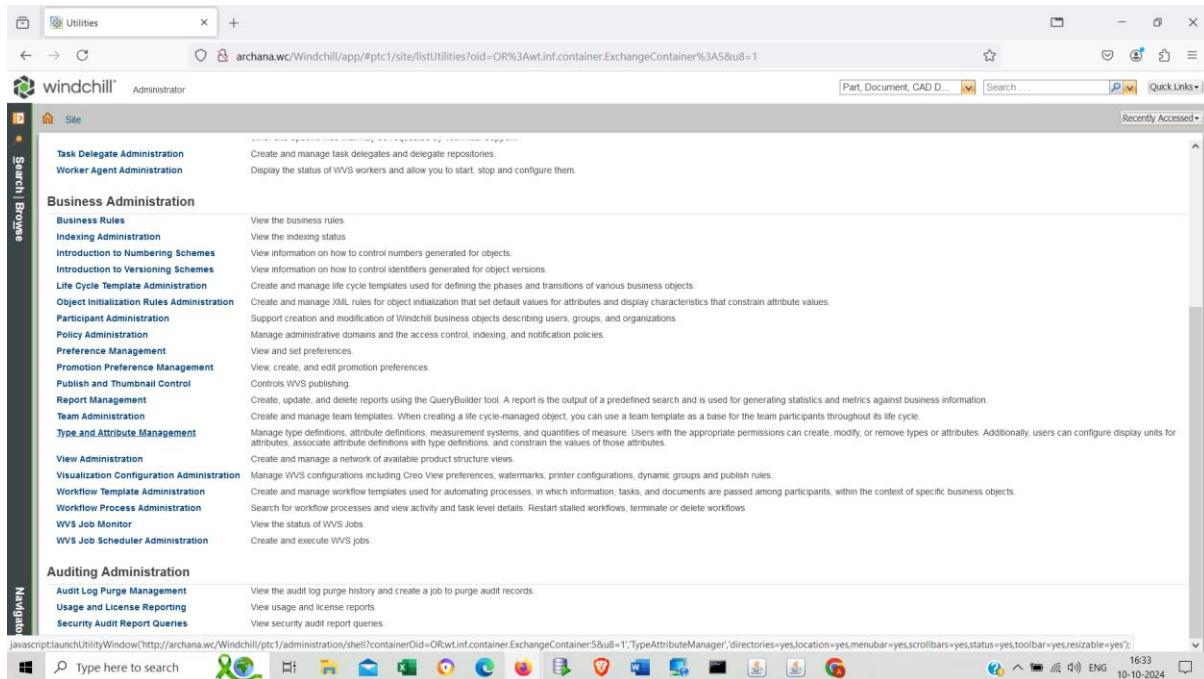


**Assignment by Aditya:**

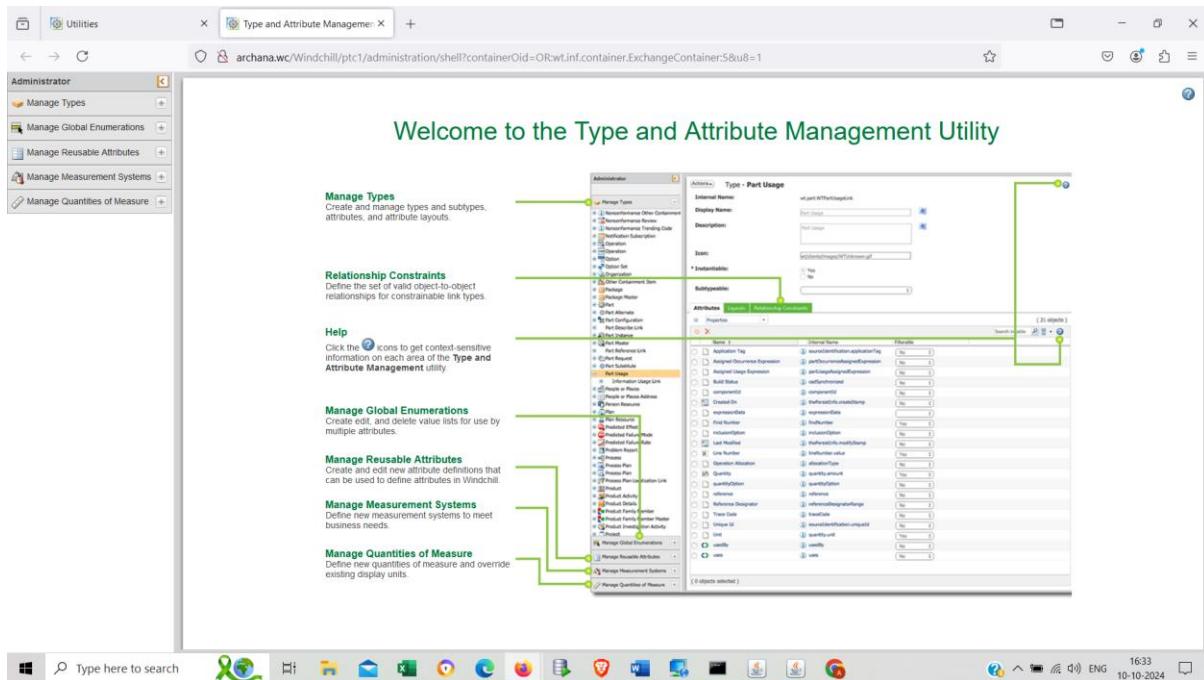
1. Create a Part subtype: "PLMBPart" and work on the below points.
  2. Create a Document subtype: "PLMBDoc" and work on the below points
  3. Create below global(reusable)attributes on PLMBPart Subtype
    - a) Country ----string type
    - b) States ----string type
    - c) External----Boolean type
    - d) Issue Date-----Timestamp/date type
    - e) Country of origin--- String type
  4. Create one local attribute for PLMBPart Subtype.
    - a) Supplier----String type
- Note: First, attempt to reproduce the error and observe it. We will discuss it in a session to work on the resolution.
5. Create below global(reusable)attributes on PLMBDoc Subtype
    - a) Creation Date----Timestamp/date type
    - b) Author---string type
    - c) Mandatory---Boolean type
    - d) Language----String type
  6. The user should be able to see Country, States, External, and Issue date in the create page.
  7. The user should not be able to see Issue date on the edit page but can see Country, States, and External.
  8. In the View page all 4 attributes should be visible.
  9. Create a global enumeration where the Country should have values like India, China, and USA, in the dropdown.
  10. States should have values like Karnataka, Kerala, Madhya Pradesh, Manipur, Maharashtra, Ch1,ch2,us1,us2, in dropdown.
  11. Create a legal value list for the Country of origin where values should be like Korea, Paris, Japan, and China.
  12. The Country of Origin attribute must be a mandatory field, and the part creation should not be allowed until a value is entered for this attribute. **Assignment Details:**

1.Create a Part subtype: "PLMB Part" and work on the below points.

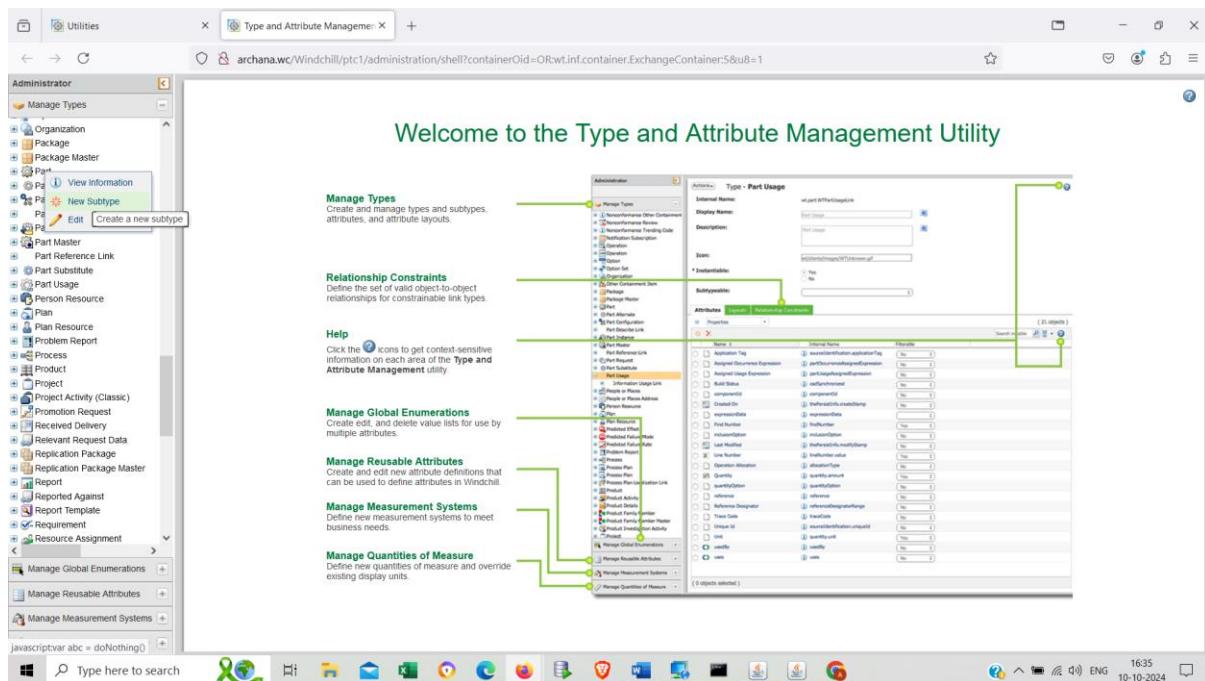
Step1: login as a site, go to utility->Type and management Attribute



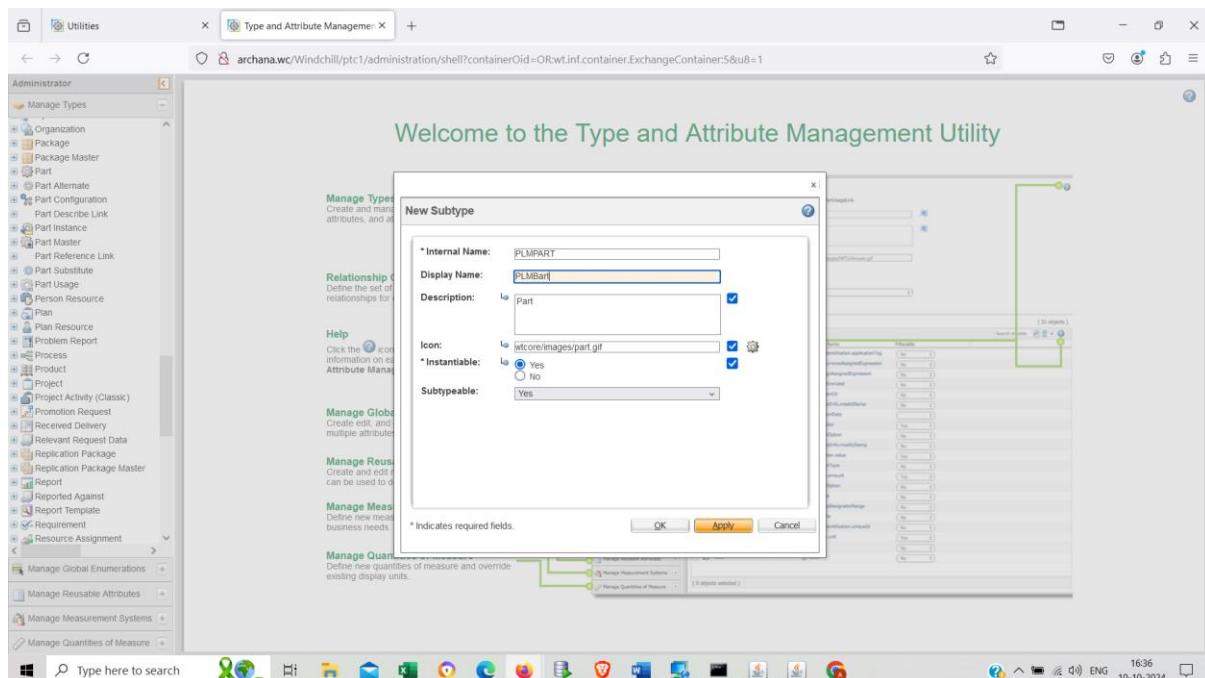
Step2: This page appears like this



Step3: click on Management type->choose part->r/c->select new subtype

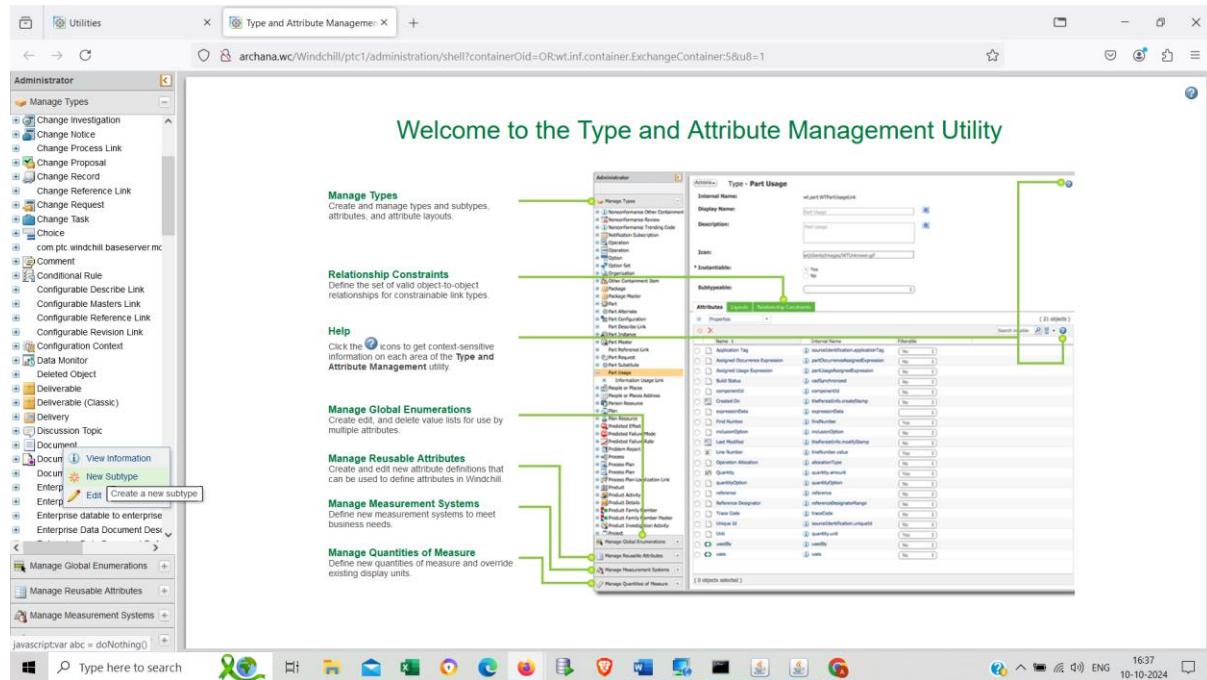


Step4: Give required fields and Apply

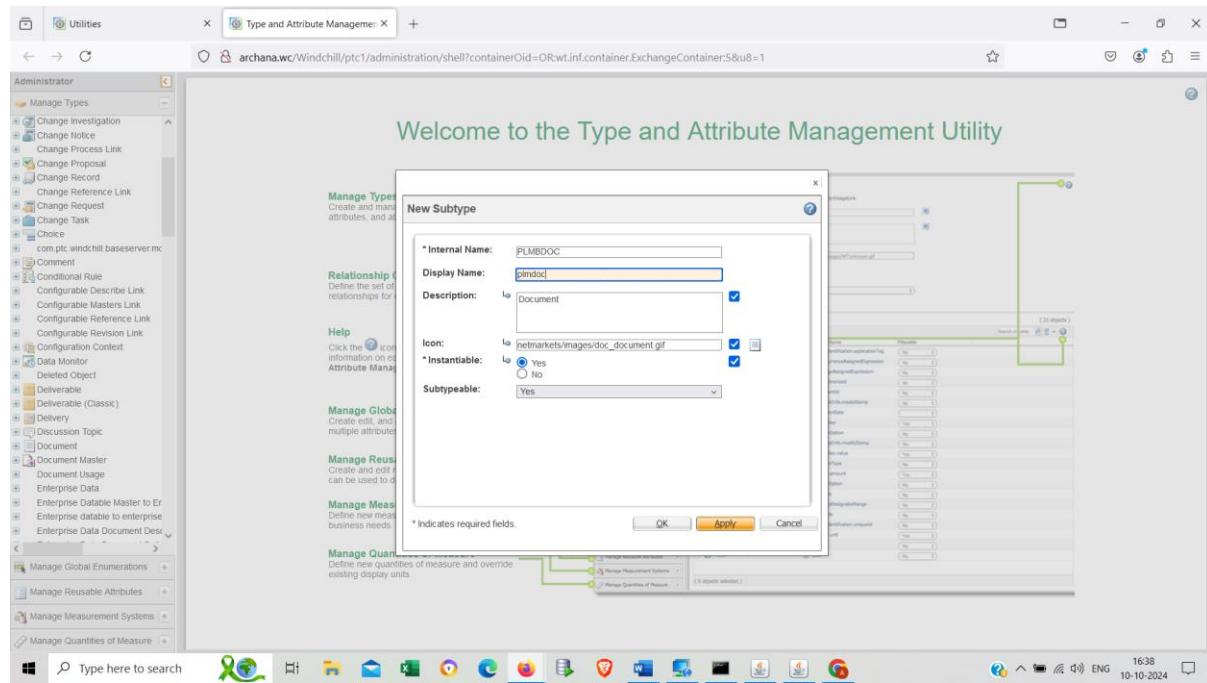


## 2. Create a Document subtype: "PLMBDoc" and work on the below points

step1: choose document -> r/c->select new subtype



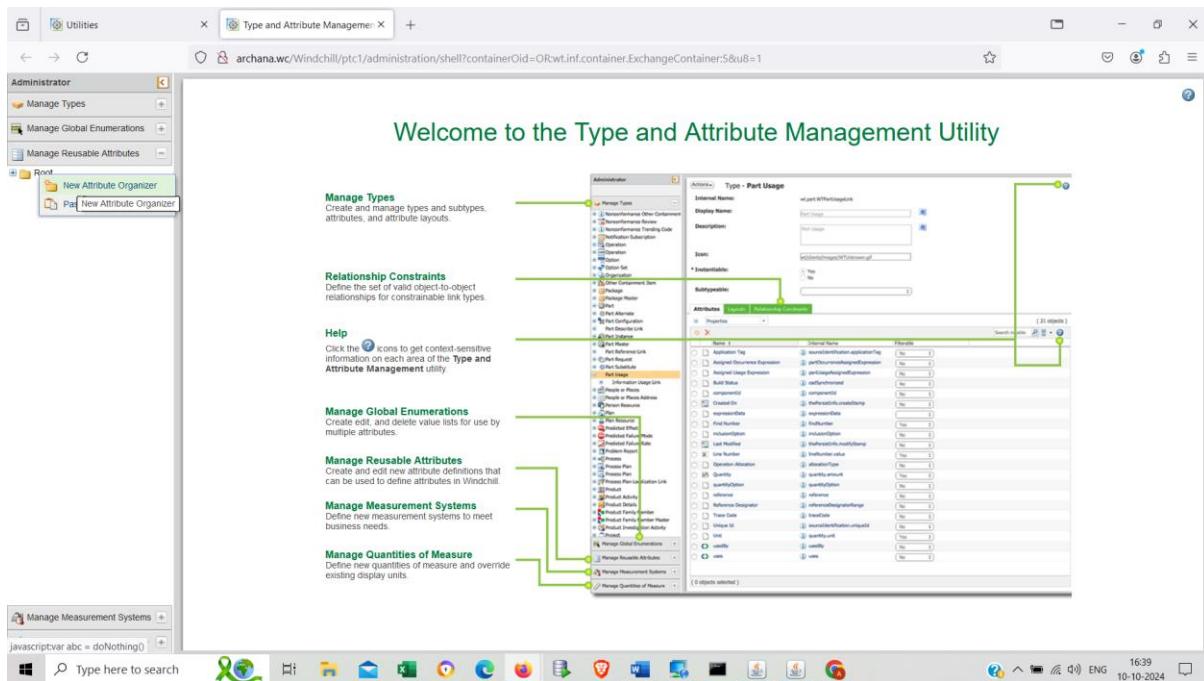
Step2: fill required fields ->Apply



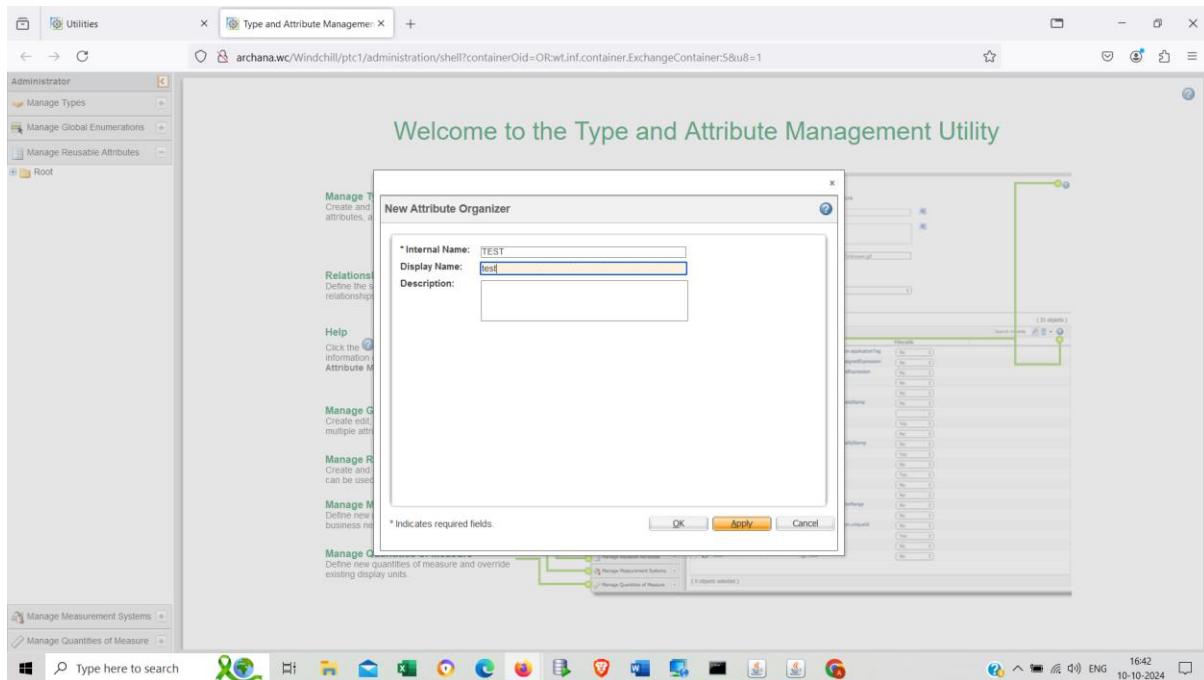
## 3.Create below global(reusable)attributes on PLMBPart Subtype

- Country -----string type
- States -----string type
- External-----Boolean type
- Issue Date-----Timestamp/date type
- Country of origin---- String type

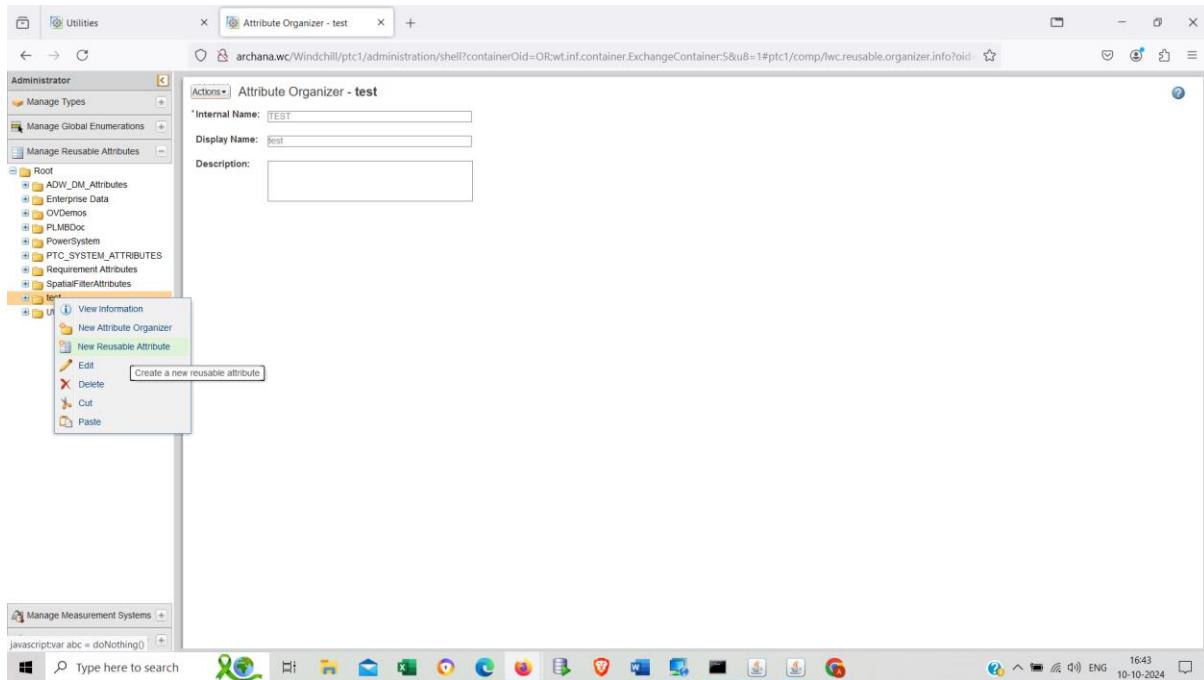
step1: go to Manage reusable Attribute->root->r/c->new Attribute organizer



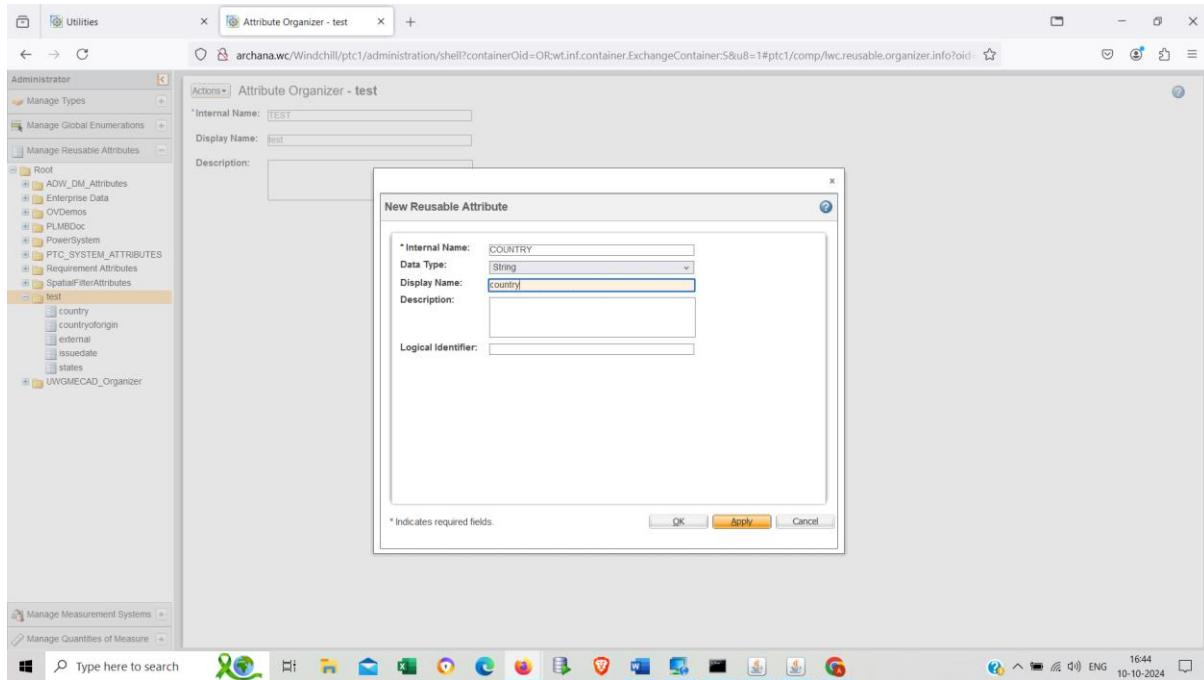
Step2: give name(test) and Apply (this create a folder)



Step3: choose test (created folder)->r/c->New reusable Attribute



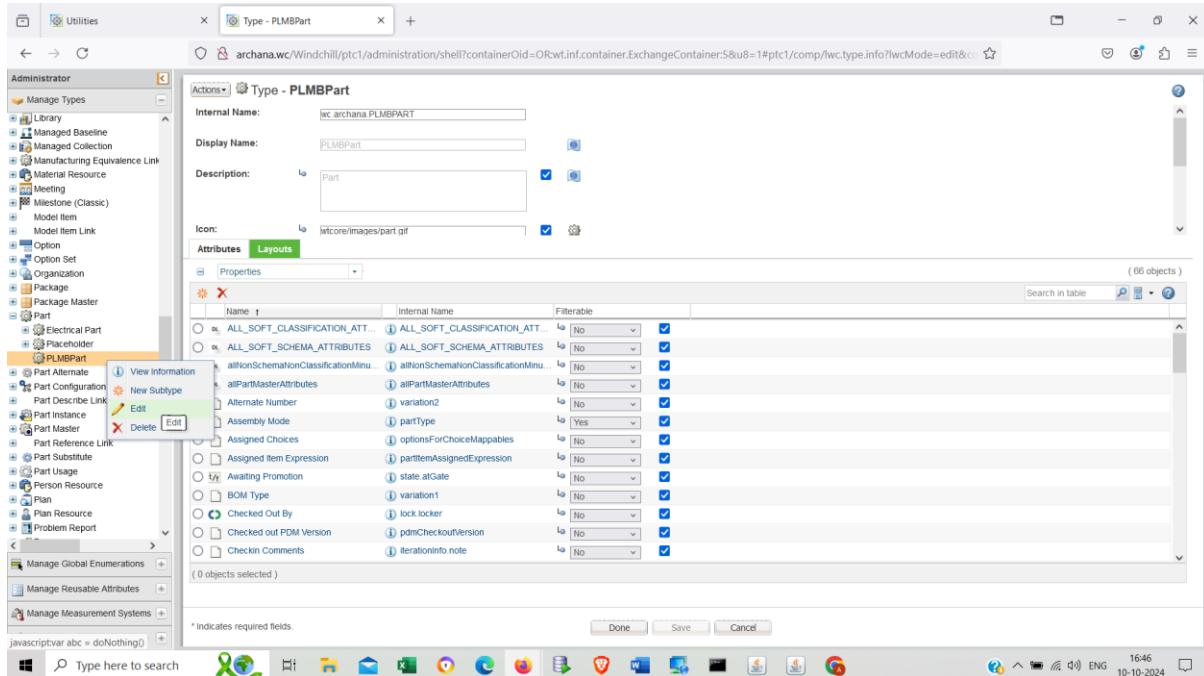
Step4: (a)Fill required fields as shown below->Apply



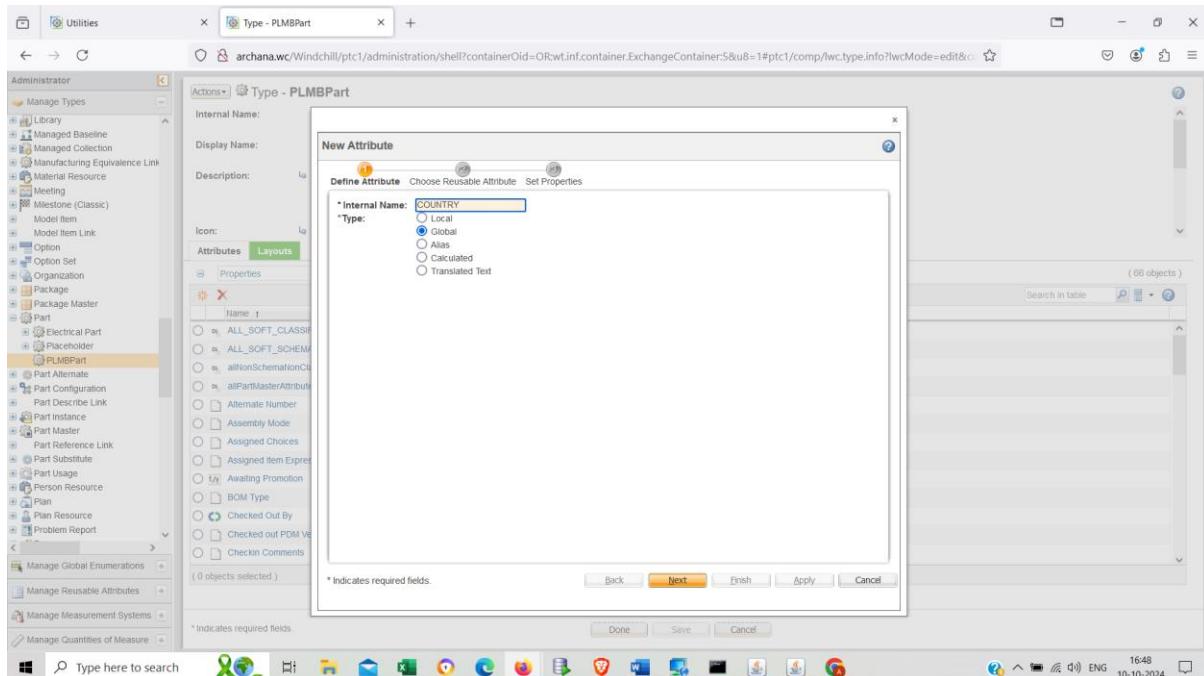
Step5: follow the above steps to create remaining attribute

- b)States -----string type
- c)External-----Boolean type
- d)Issue Date-----Timestamp/date type
- e)Country of origin--- String type

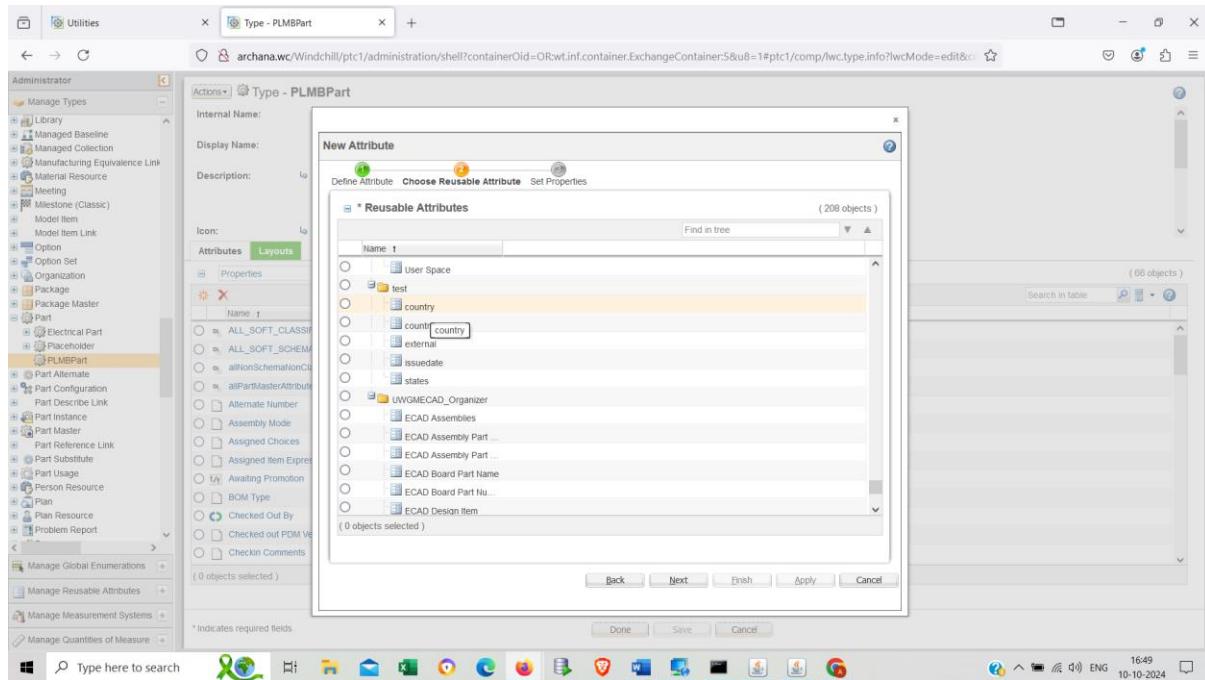
## Step6: go to Manage Types->part-> PLMBPart->r/c->edit



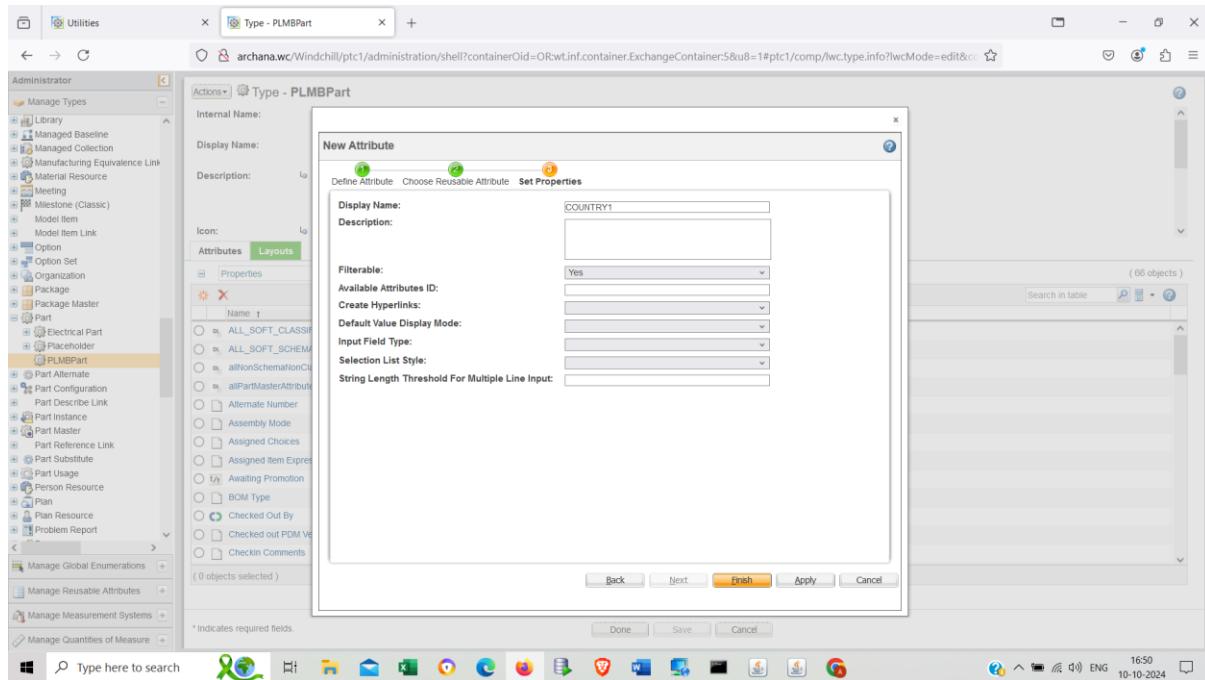
## Step6: select new Attribute -> fill details as shown below->next



### Step7: choose test folder->country->next



### Step8: give Display name -> Finish



### Step9: follow above steps for remaining attributes

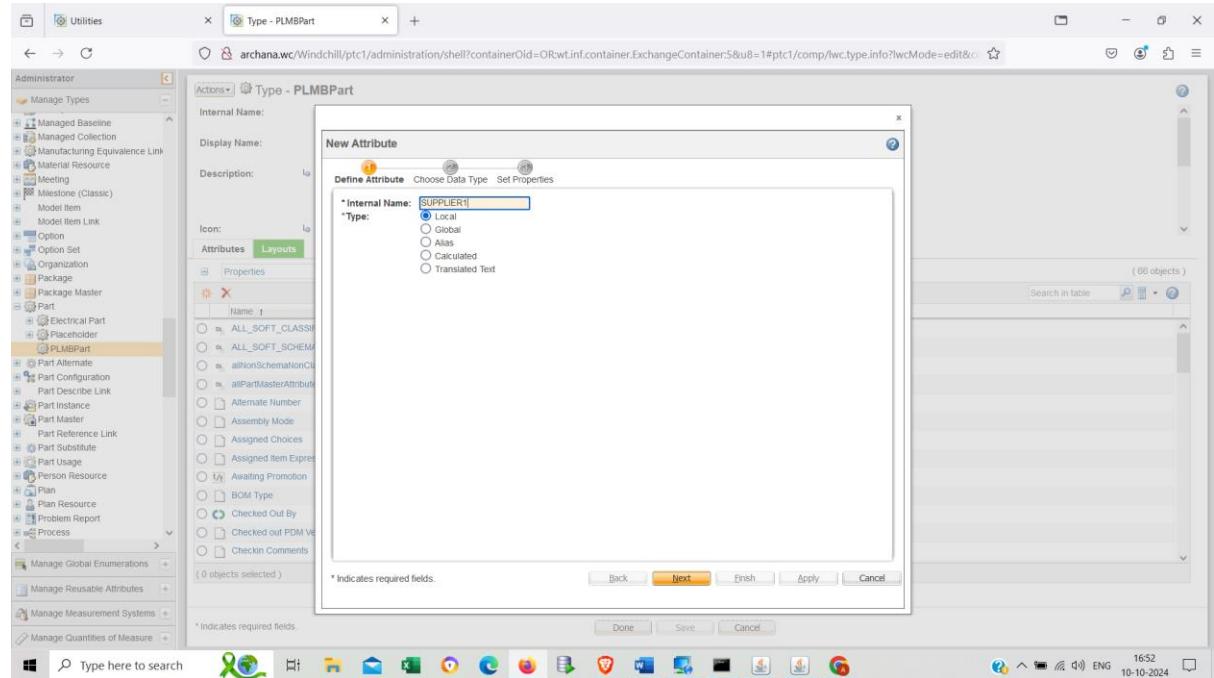
- b)States -----string type
- c)External-----Boolean type
- d)Issue Date-----Timestamp/date type
- e)Country of origin--- String type

#### 4. Create one local attribute for PLMBPart Subtype.

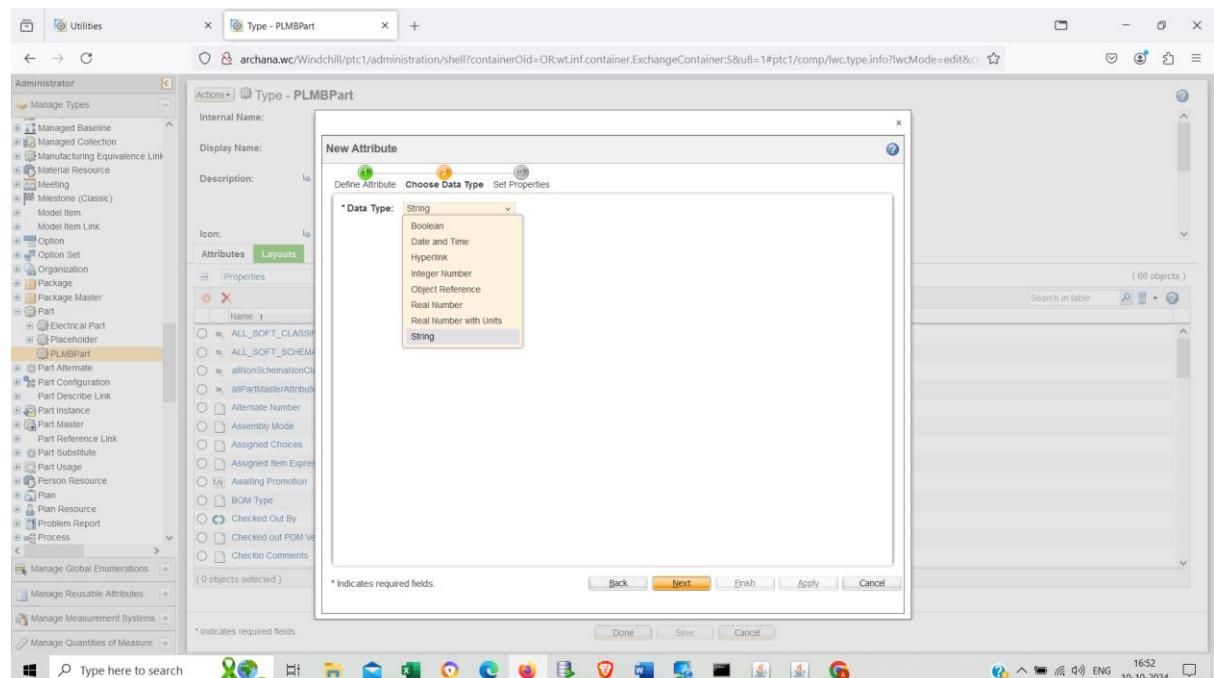
##### a) Supplier-----String type

Note: First, attempt to reproduce the error and observe it.

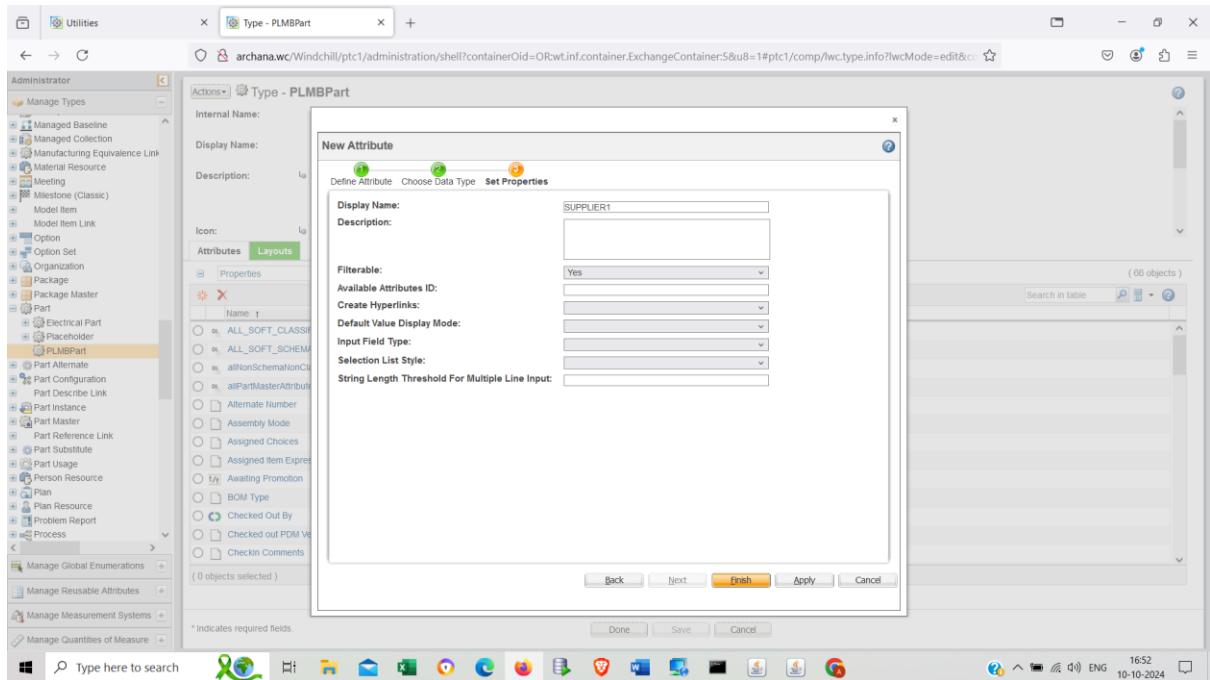
Step1: go to Manage types-> part->PLMBPart->r/c->edit->New Attribute-> give internal name and choose local->Next



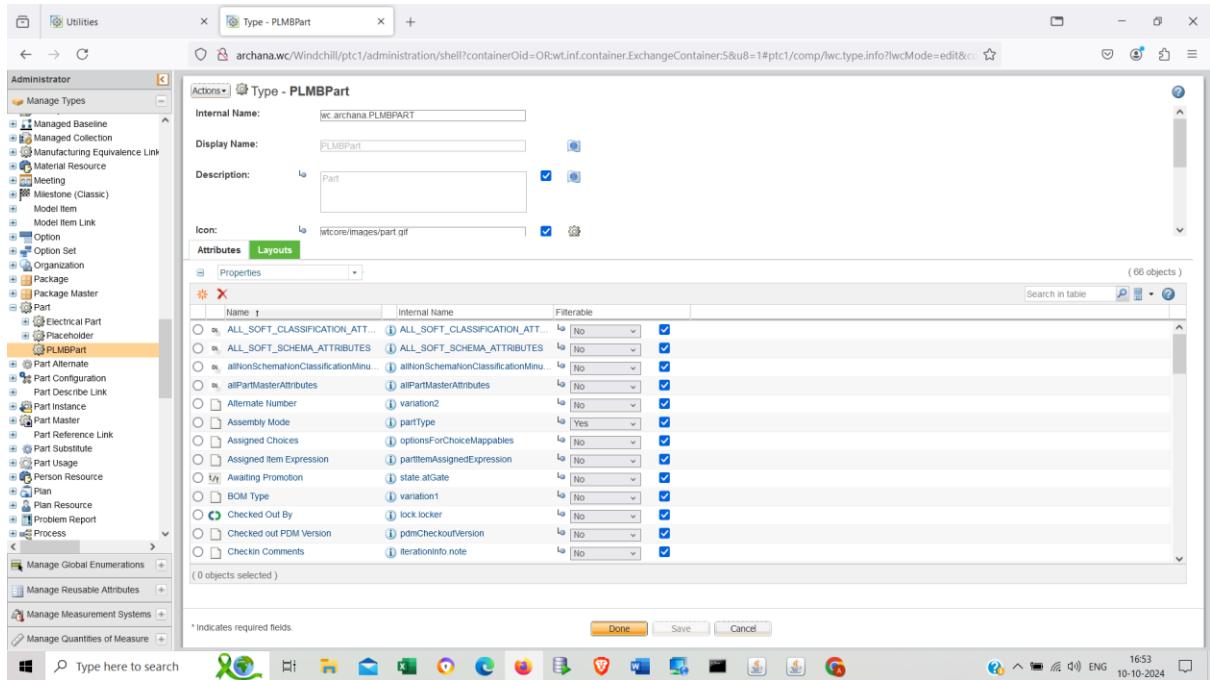
Step2: choose datatype as String ->Next



### Step3: fill required fields ->Finish



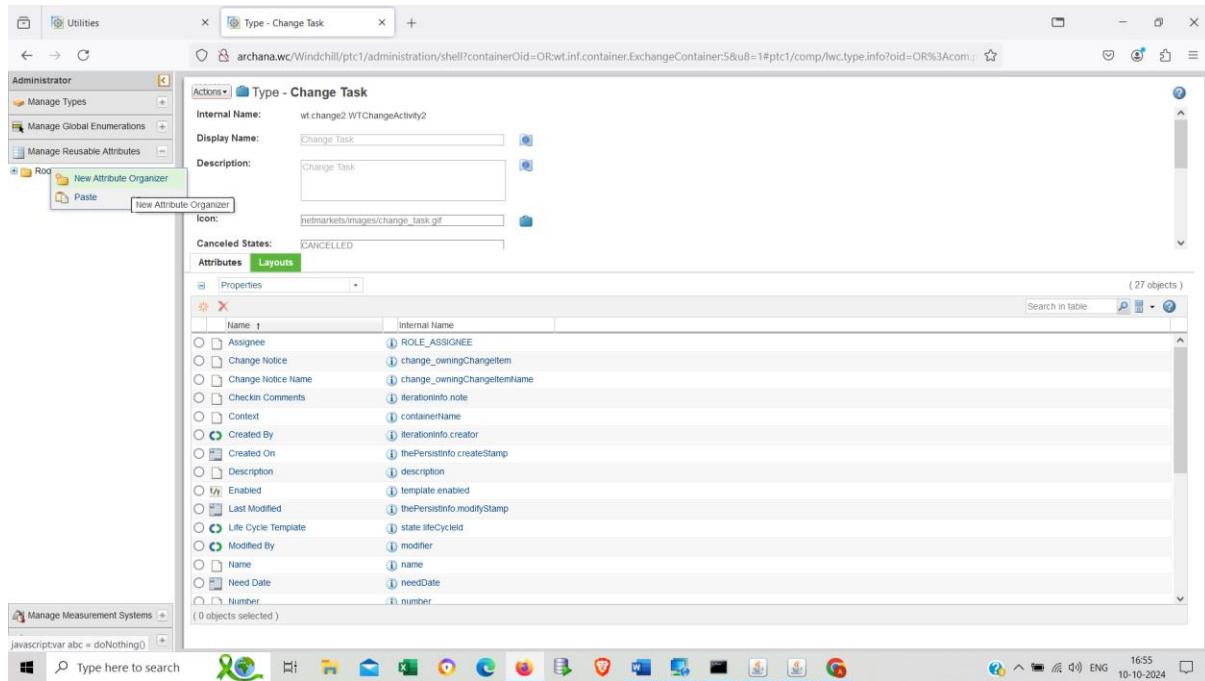
### Step4: click on Done



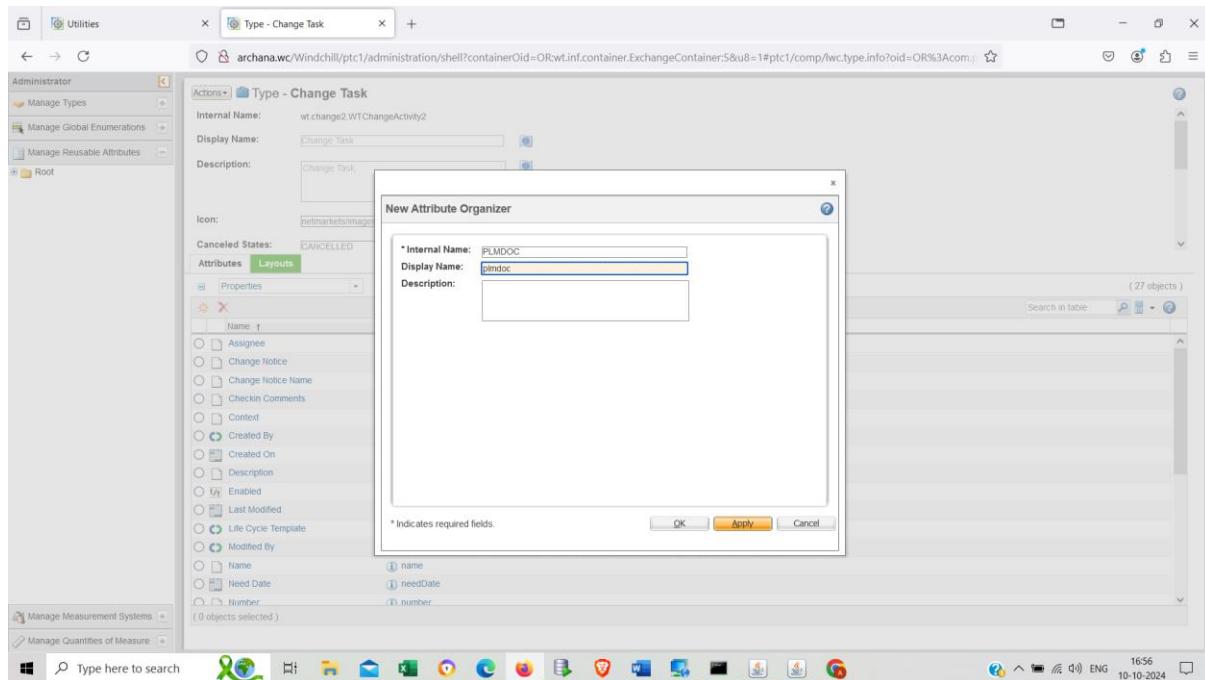
### 5.Create below global(reusable)attributes on PLMBDoc Subtype

- a) Creation Date----Timestamp/date type
- b) Author--string type
- c) Mandatory--Boolean type
- d) Language---String type

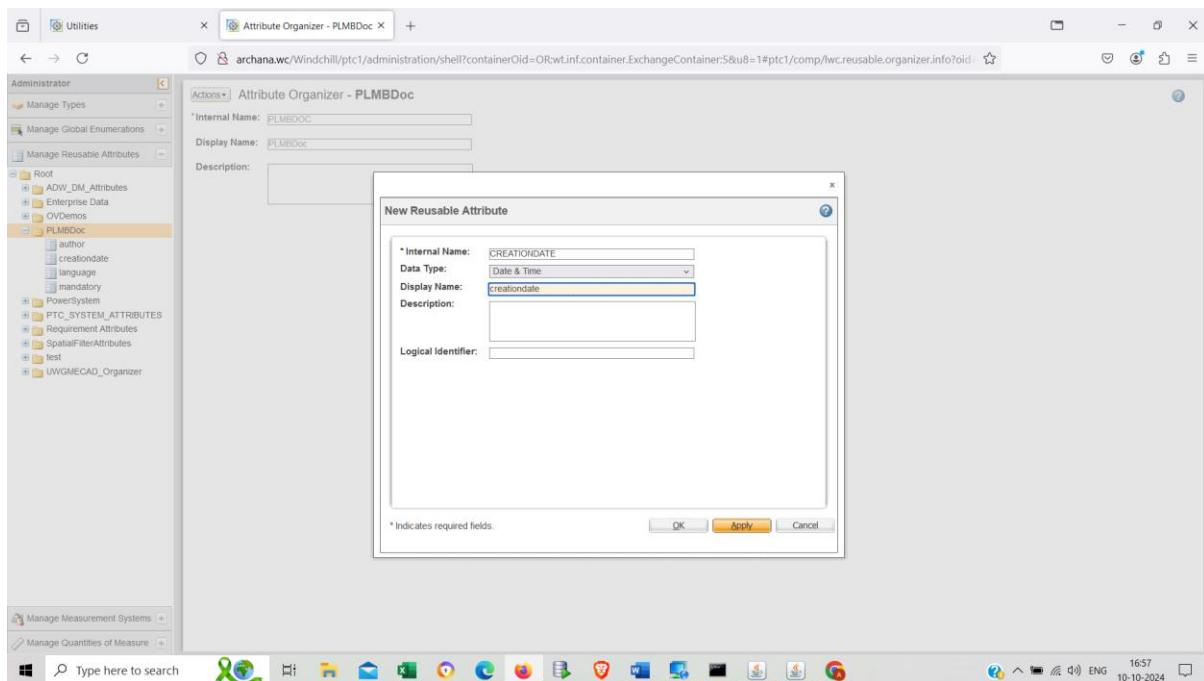
Step1: choose Manage reusable Attributes ->root->r/c->New Attribute Organizer



Step2: New Attribute organizer-> fill the fields as shown below->Apply(this creates new folder as PLMBDoc )



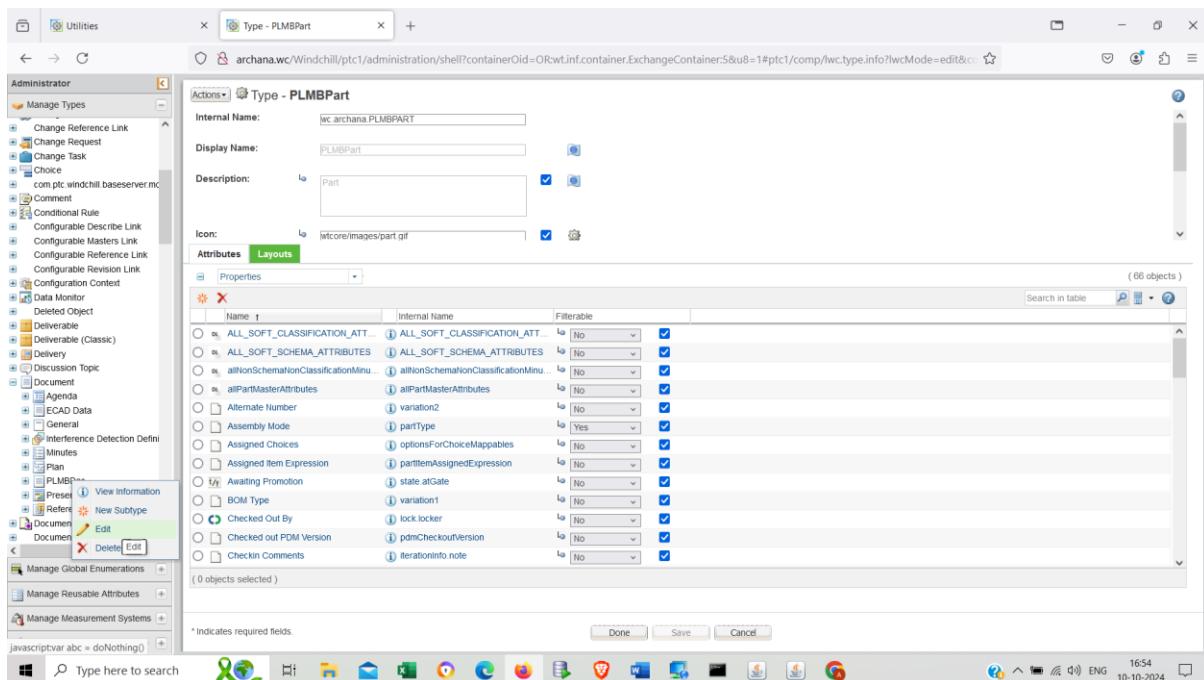
Step3: r/c on PLMBDoc->new reusable Attribute-> fill appropriate fields as shown below->Apply



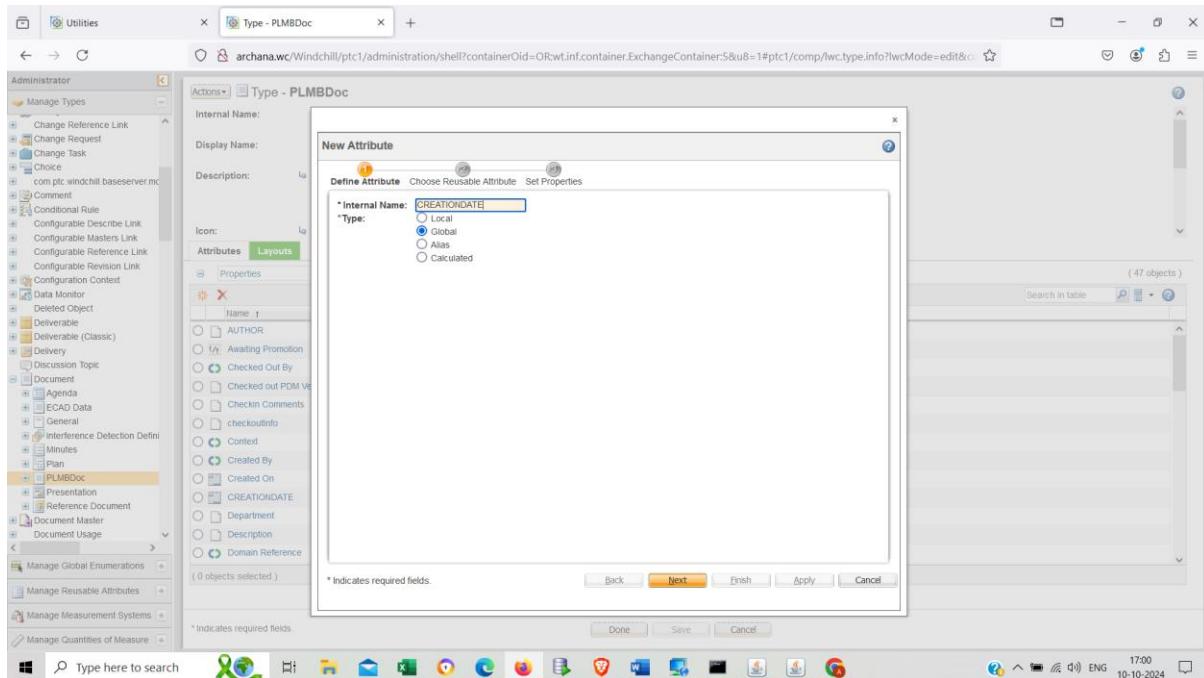
Step4: follow n create remaining Attributes as above.

- b) Author---string type
- c) Mandatory---Boolean type
- d) Language---String type

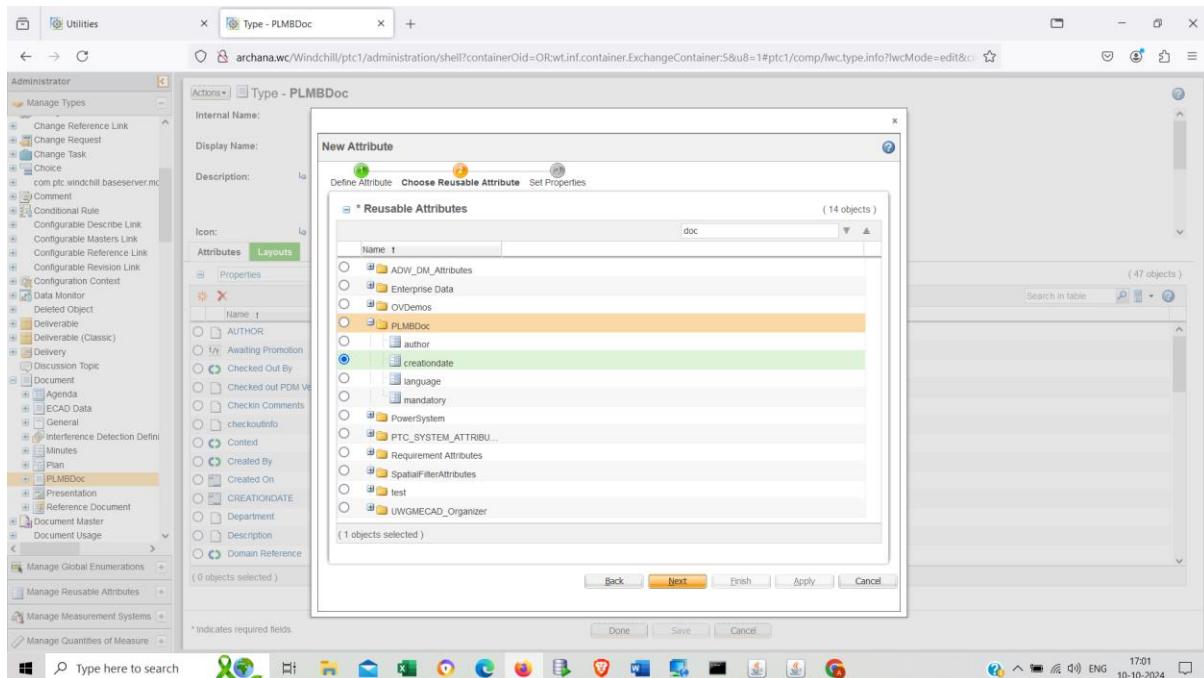
step5: go to Manage Types->Document->PLMBDoc->r/c->Edit



Step6: create New Attribute -> fill required fields as shown below->next



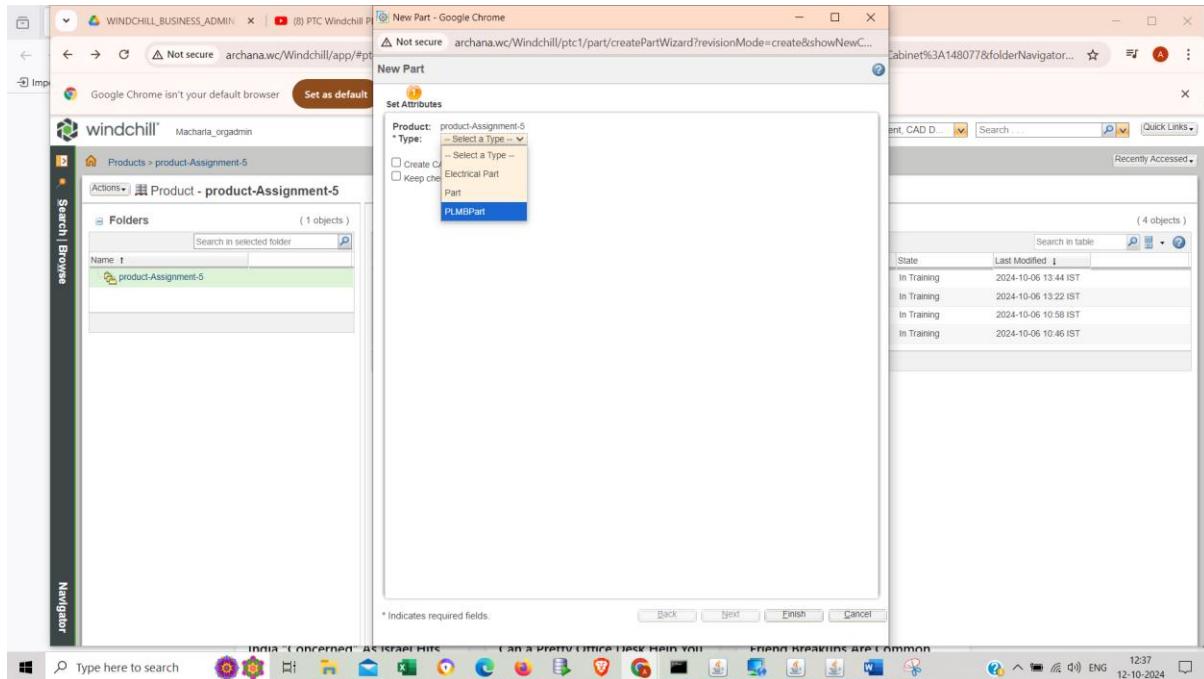
Step7: choose PLMBDoc->creationdate=>next



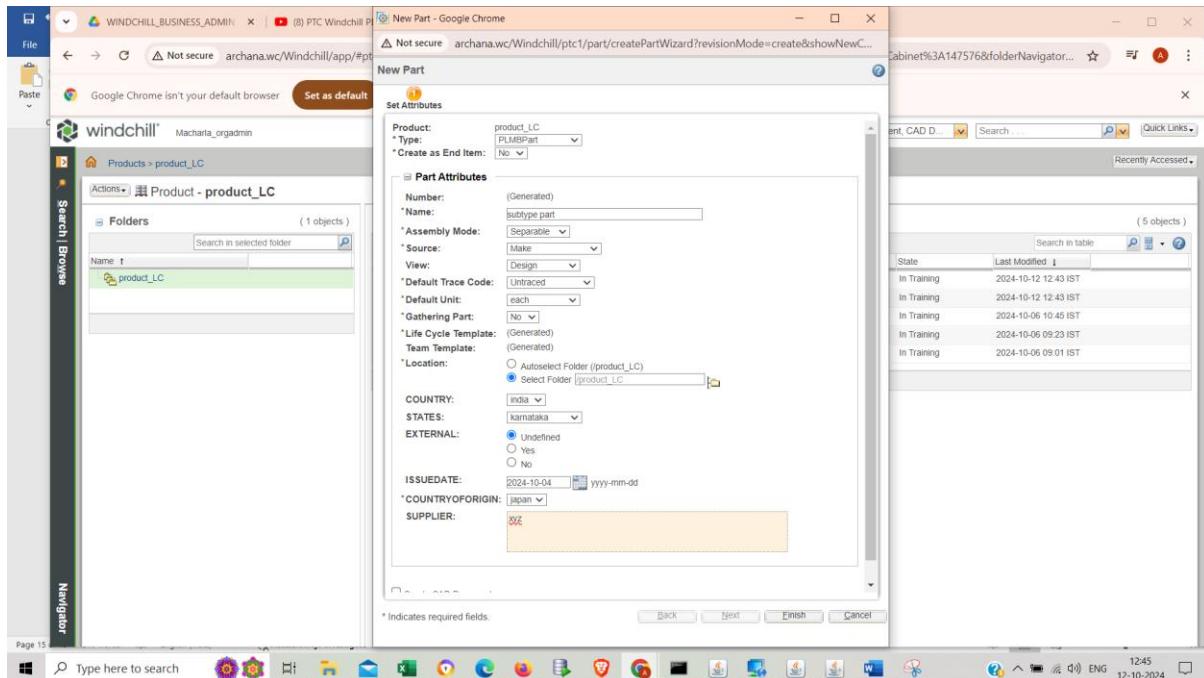
Step7: fill appropriate fields -> finish

6. The user should be able to see Country, States, External, and Issue date in the create page.

step1: go to product->folders->create part->choose PLMBpart->finish



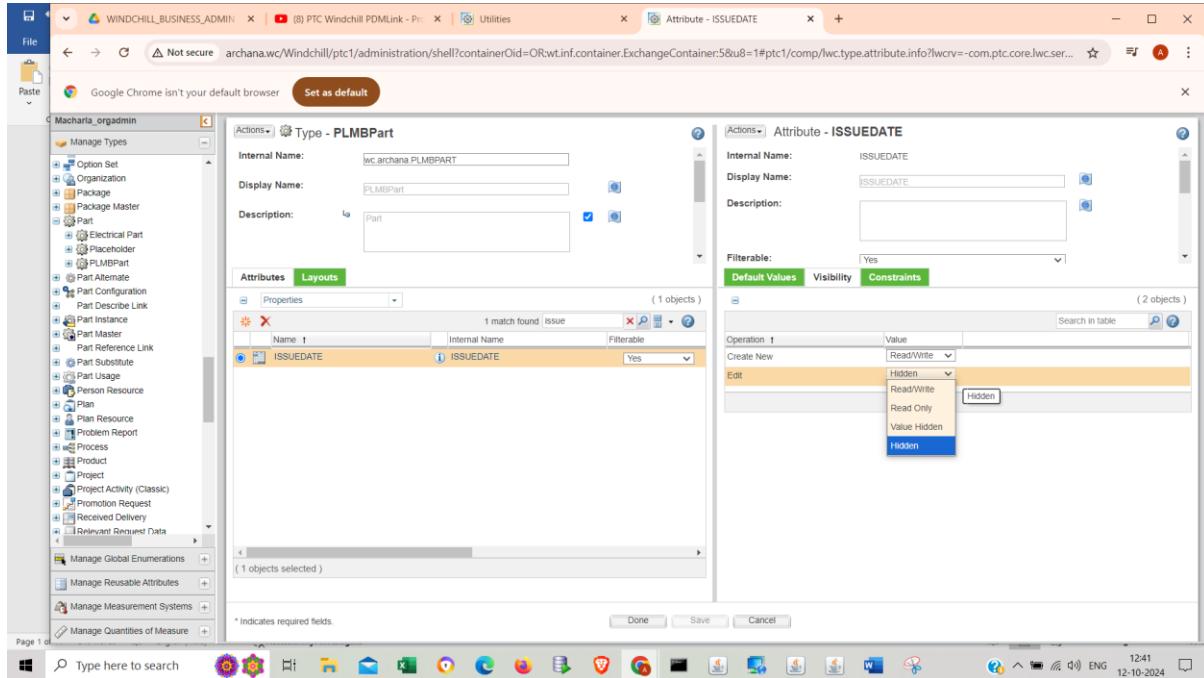
Step2: observe the newly created Attributes are created or not.



7. The user should not be able to see Issue date on the edit page but can see Country, States, and External.

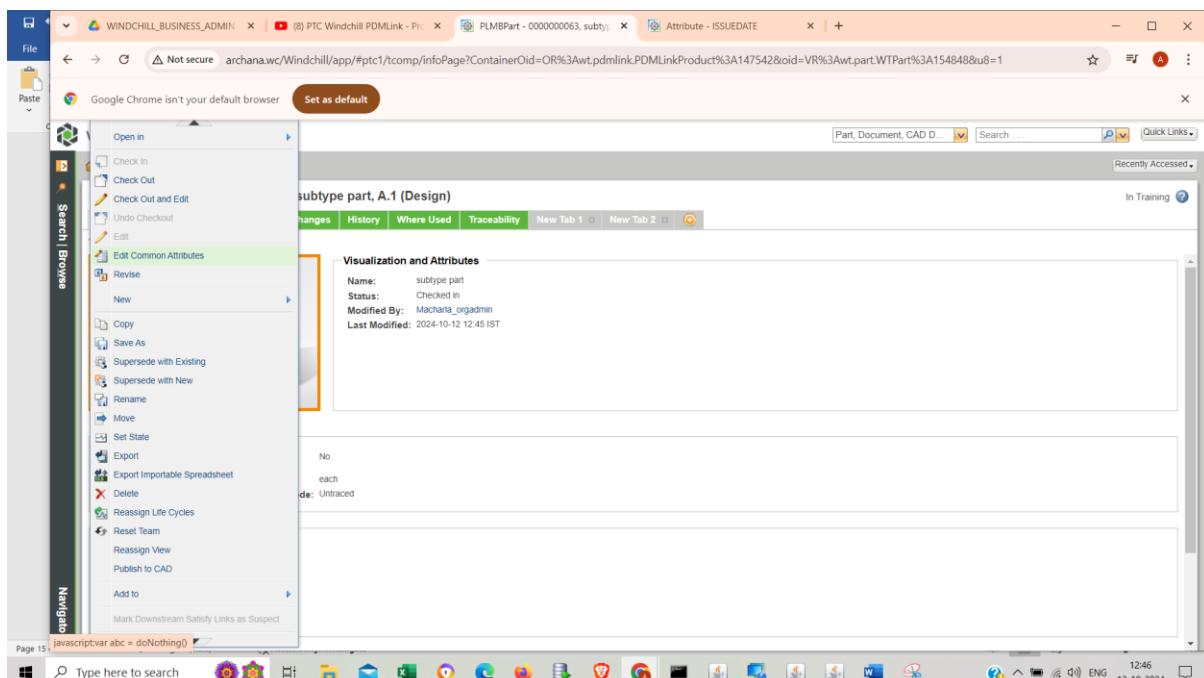
step1: go to Manage Type-> part->PLMBPart->r/c->Edit

Step2: search ISSUEDATE attribute ->Visibility->choose **Hidden** option in dropdown list->Done

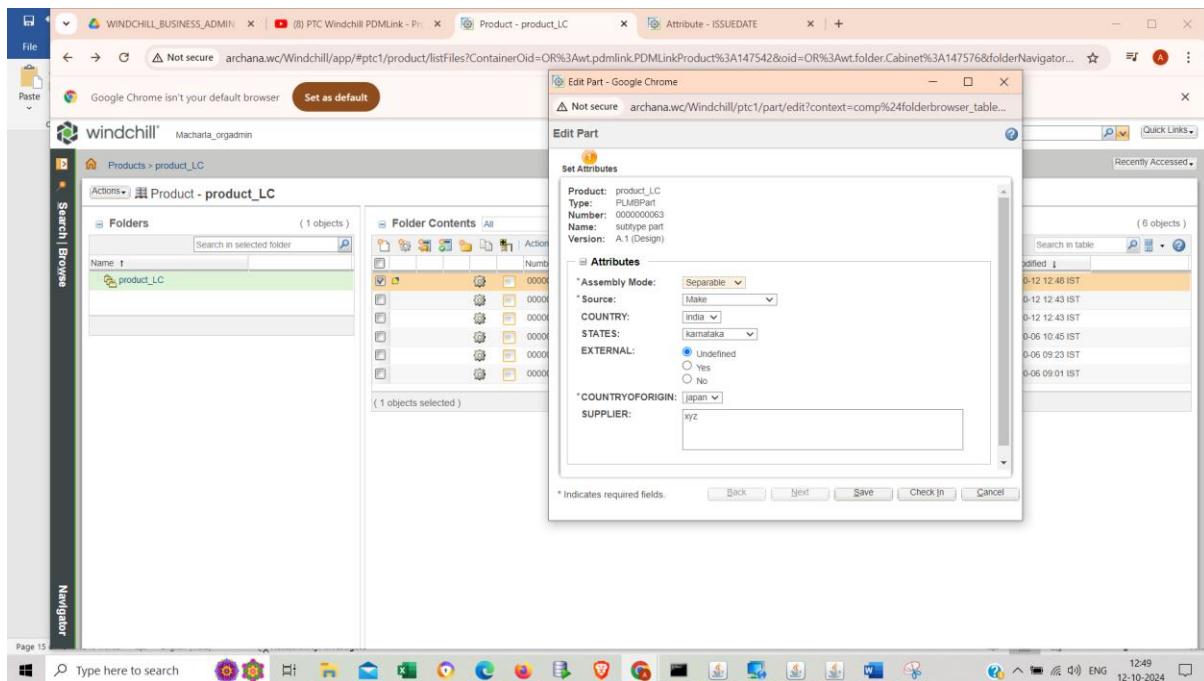


Step3: go to newly created part just before (for this go to products-> folders)-> details of that part.

Step4: Actions->Edit Common Attributes

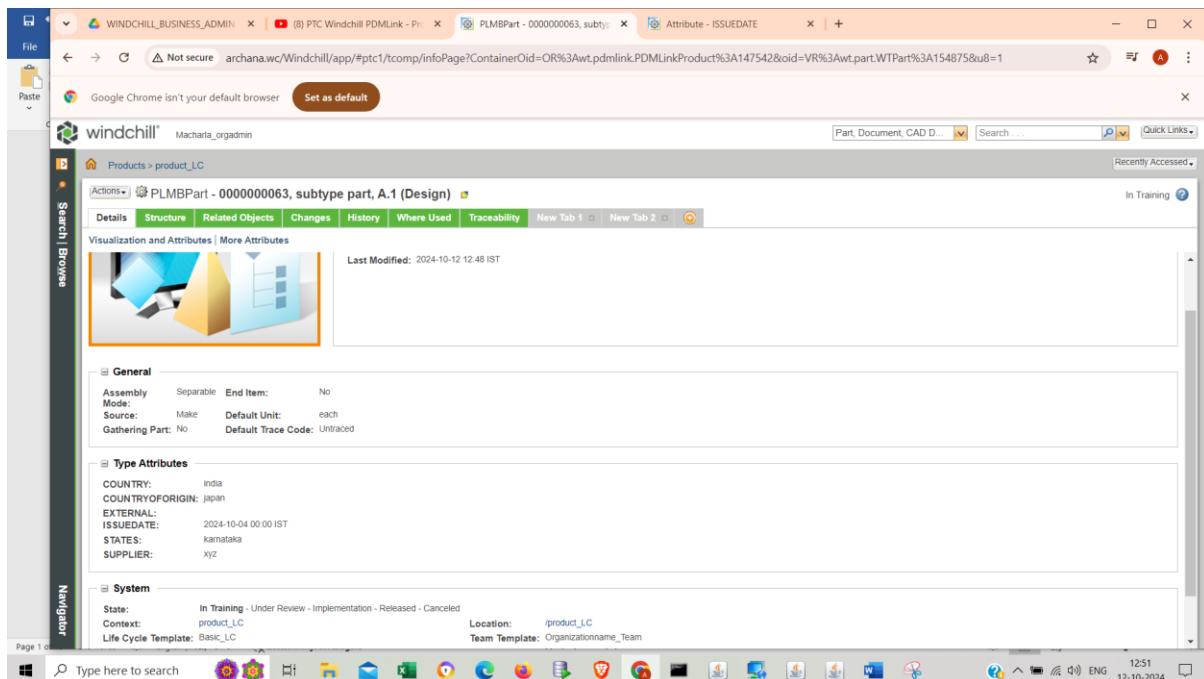


Step5: observe the below page (don't show the ISSUEDATE attribute)



8. In the View page all 4 attributes should be visible.

Step: go to the newly created part and observe newly added Attributes



9. Create a global enumeration where the Country should have values like India, China, and USA, in the dropdown.

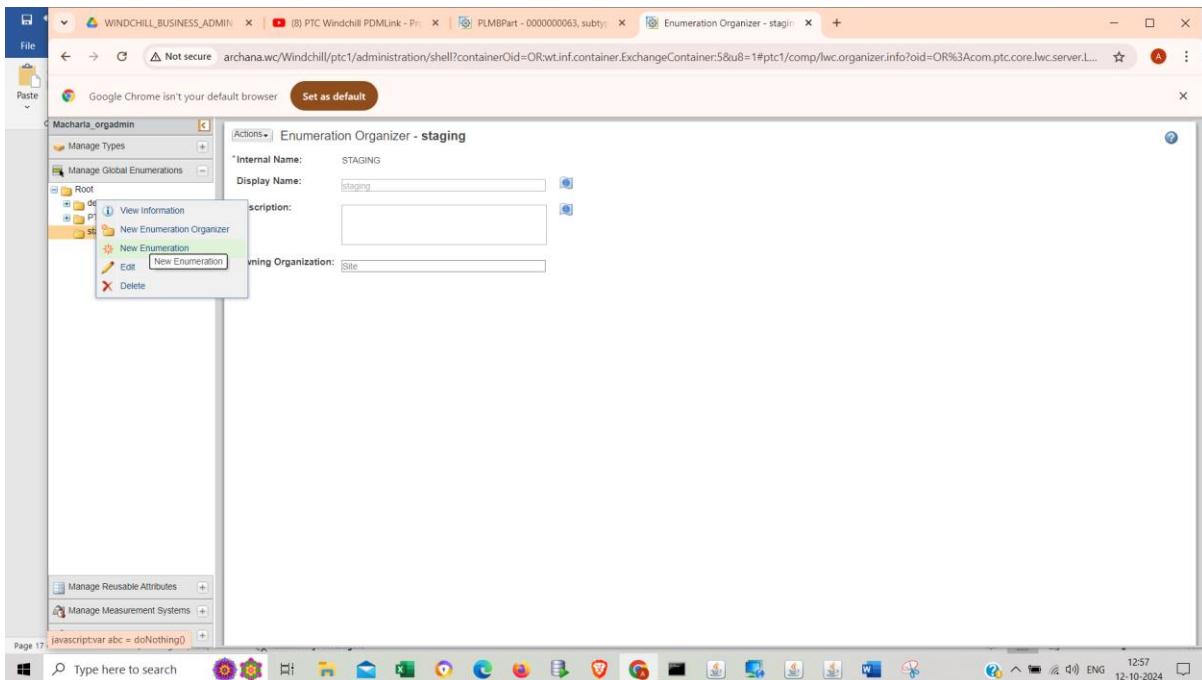
step1: go to Manage Global Enumeration->root->New Enumeration organizer

The screenshot shows the PTC Windchill interface for managing global enumerations. On the left, there's a navigation tree with 'Macharia\_orgadmin' selected. Under 'Root', 'New Enumeration Organizer' is highlighted. The main panel shows a configuration window for a type named 'PLMBPart'. The 'Internal Name' is set to 'wc.archana.PLMBPART' and the 'Display Name' is 'PLMBPart'. A description 'Part' is provided. The 'Attributes' tab is selected, showing a list of attributes: 'COUNTRY' and 'COUNTRYOFORIGIN', both marked as 'Filterable' and 'Yes'. Below the list, it says '( 2 objects selected )'. At the bottom right, there are 'Done' and 'Save' buttons. A note at the bottom left indicates that '\*' marks required fields.

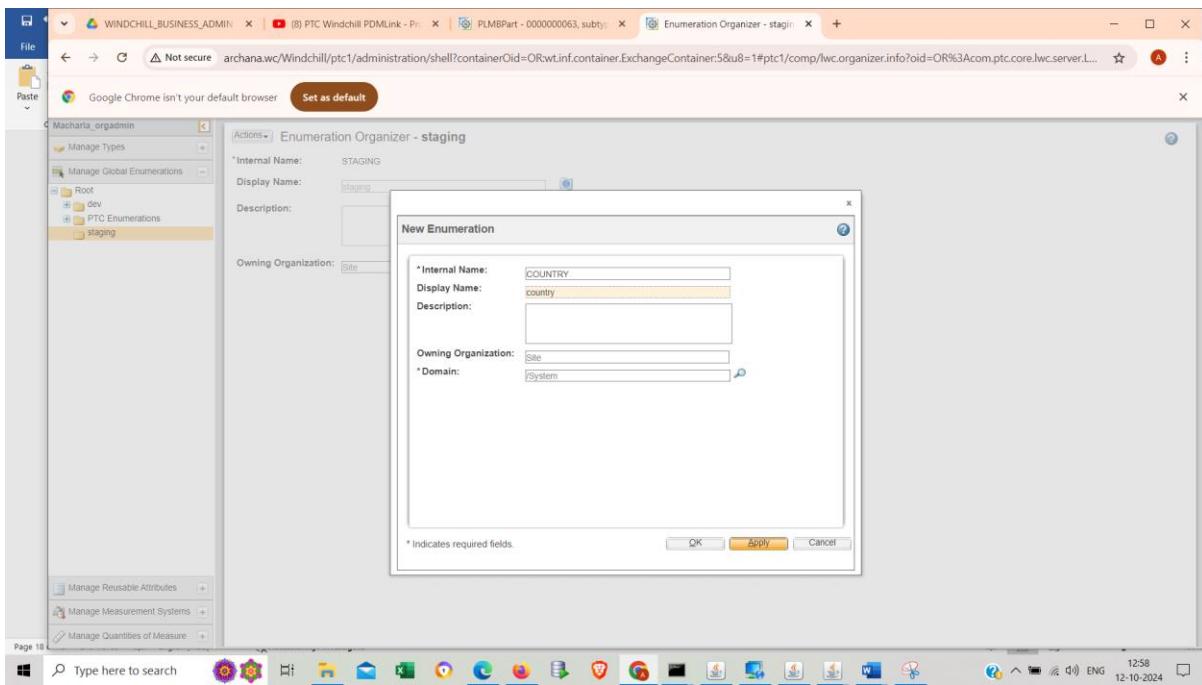
Step2: fill required fields (this step create a folder)->Apply

The screenshot shows the PTC Windchill interface with a browser tab open to 'Enumeration Organizer - staging'. In the main area, a 'New Enumeration Organizer' dialog is displayed. It has fields for 'Internal Name' (DEV), 'Display Name' (dev), and 'Description'. The 'Description' field is empty. At the bottom of the dialog, there are 'OK', 'Apply', and 'Cancel' buttons. A note at the bottom left of the dialog indicates that '\*' marks required fields.

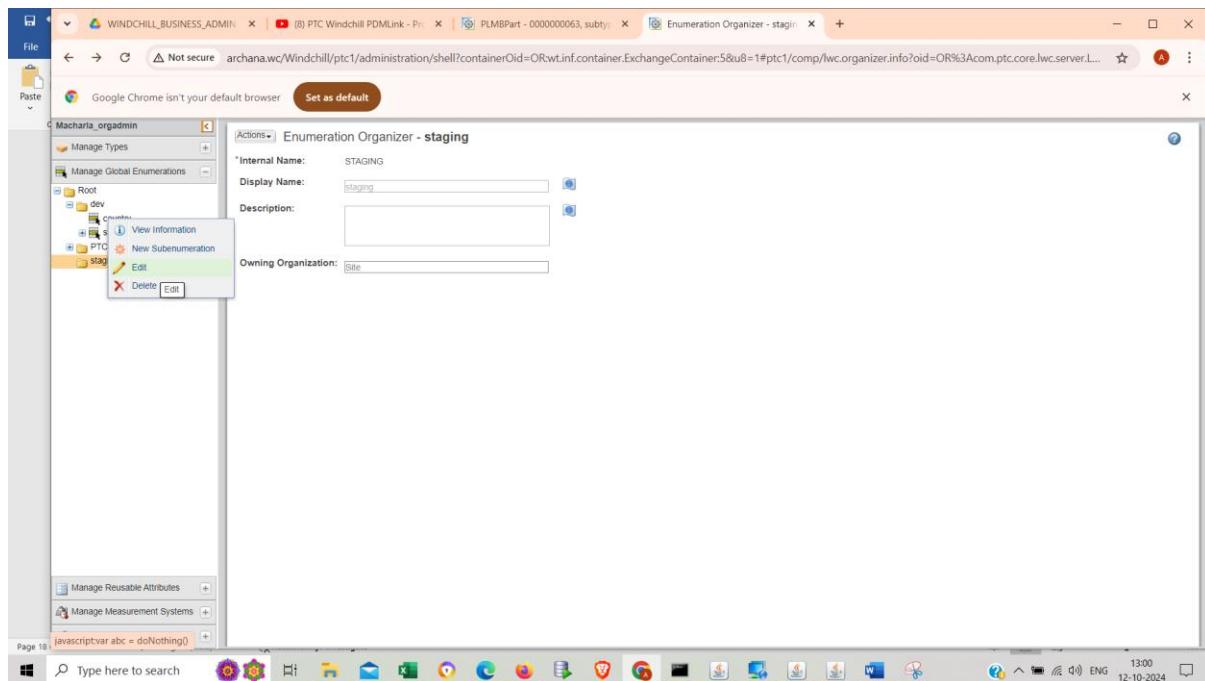
Step3: r/c on newly created folder->New Enumeration



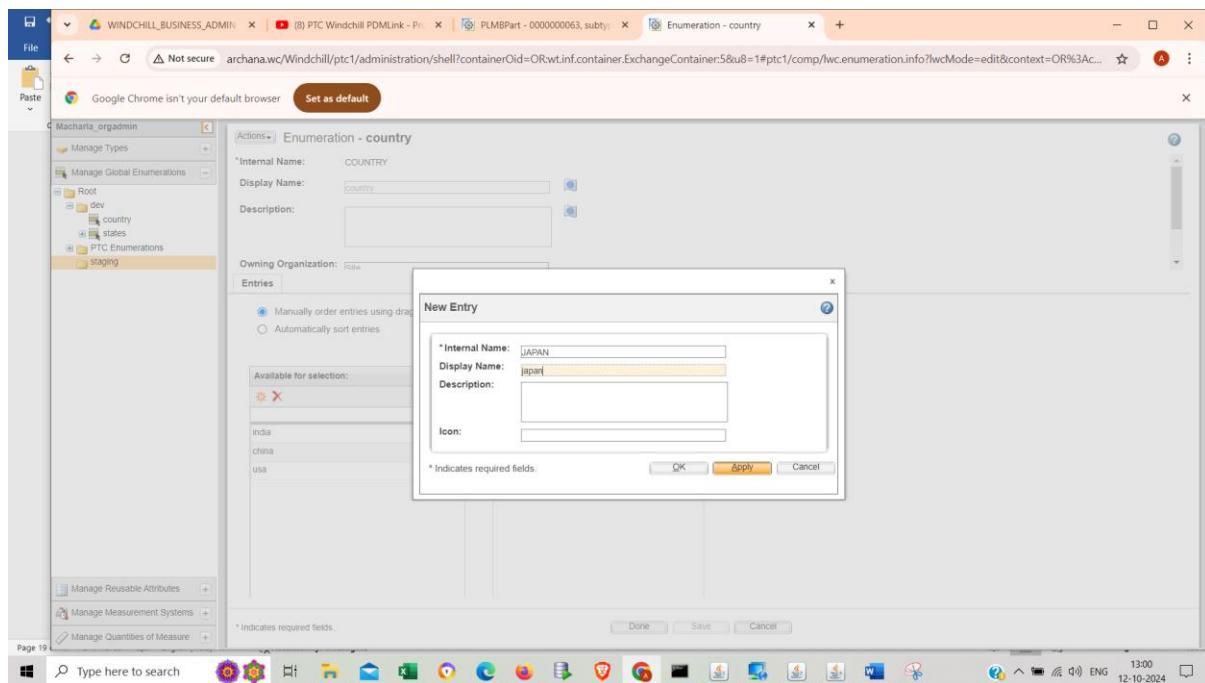
Step4: fill appropriate fields as Shown below->Apply (internal name as COUNTRY)



Step5: select on country->r/c ->Edit



Step6: create new Entry as JAPAN ->Apply

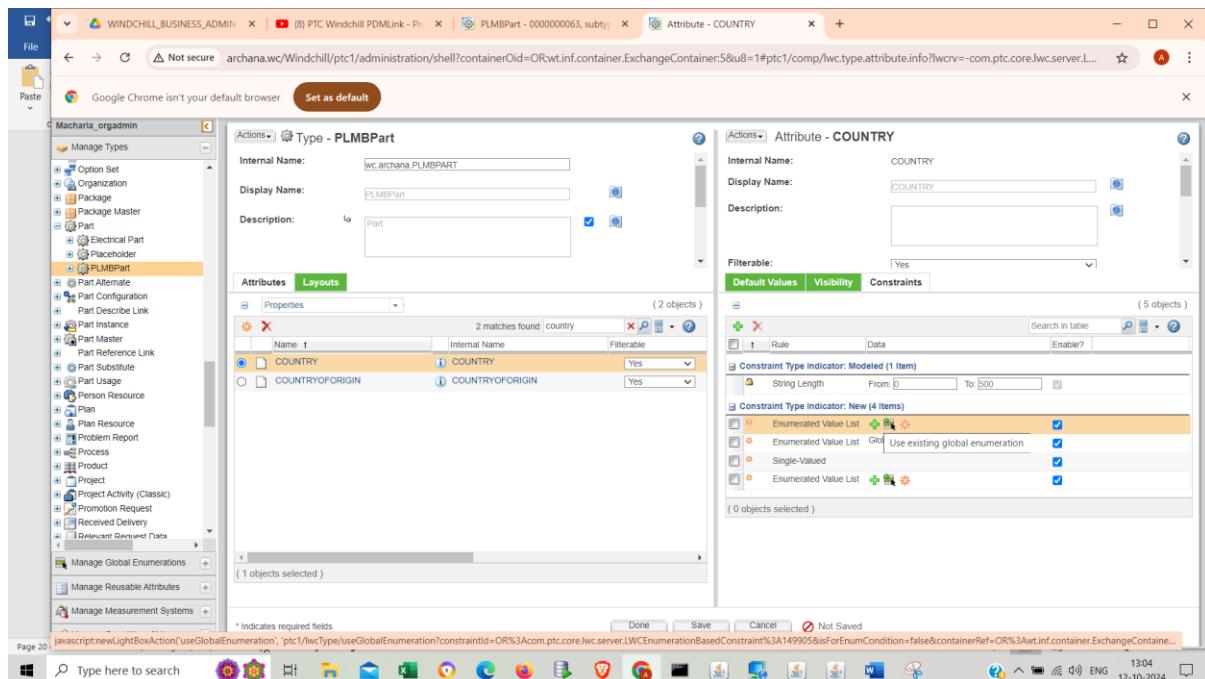


Step7-> create new Entry same for India, China, and USA ->Done

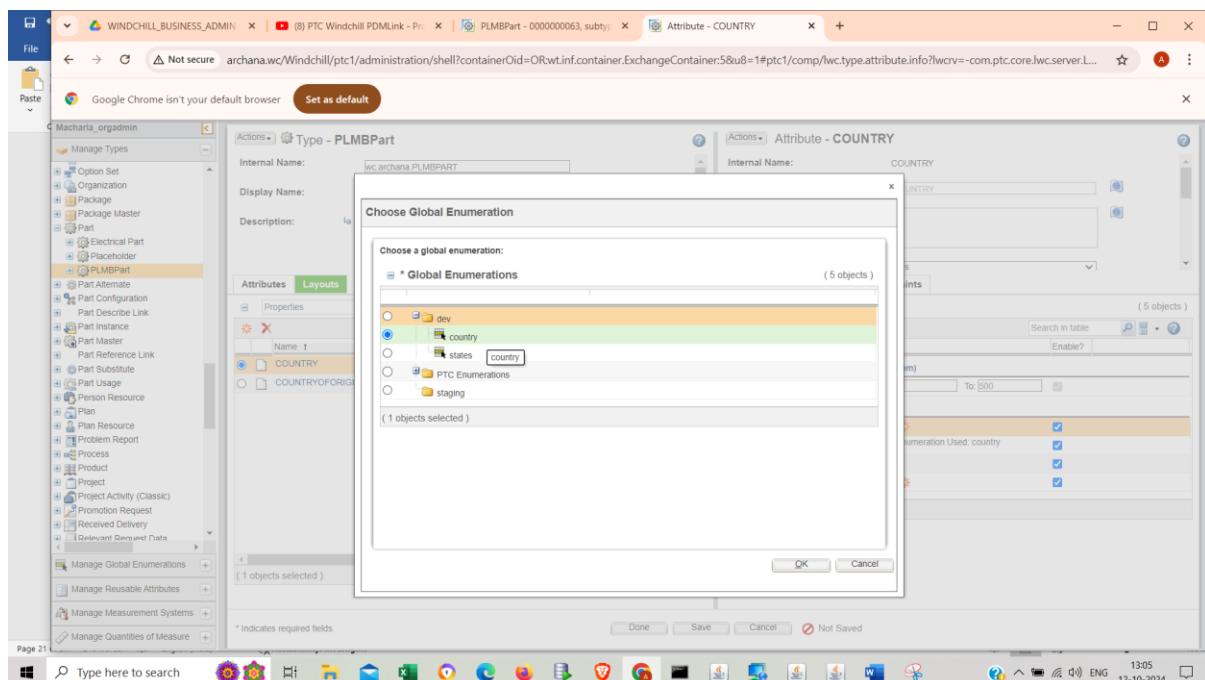
Step8->go to Manage Types -> Part->PLMBPart->r/c->edit

Step9-> click on Constraints->click on + icon ->choose Enumerated Value list->ok

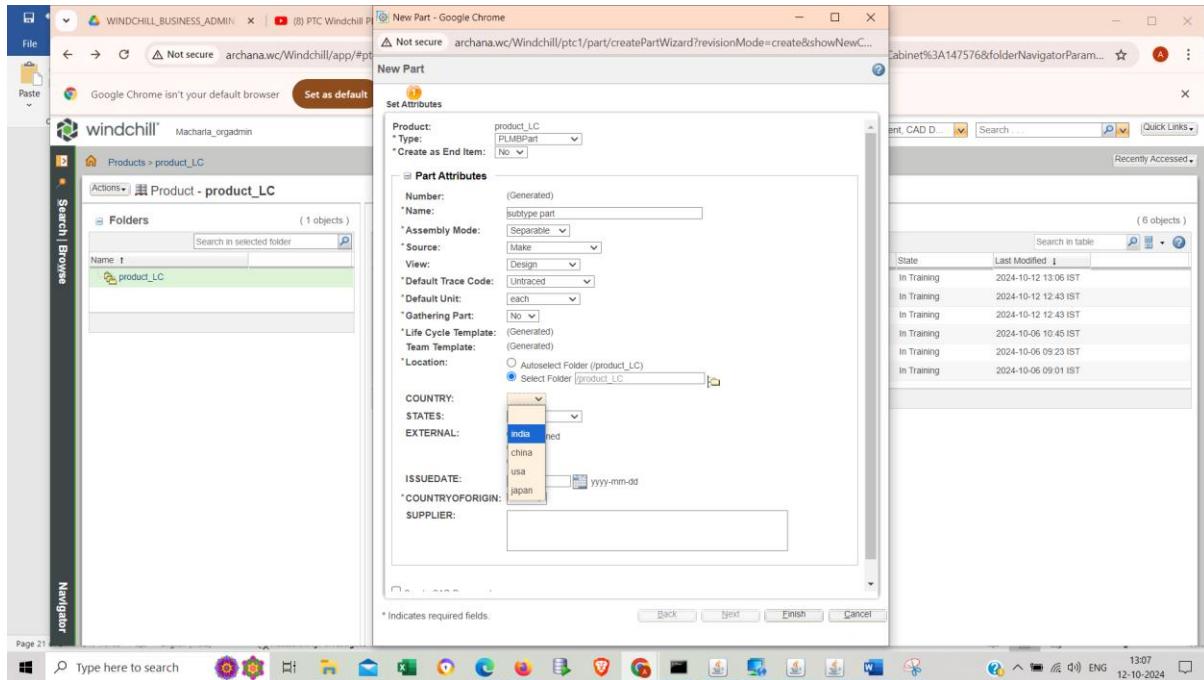
Step10-> click on use existing global enumeration after the Enumerated Value List



Step11: created folder->Country->ok



Step12: go to new PLMBPart-> check the drop down list on COUNTRY attribute and observe the list we gave.

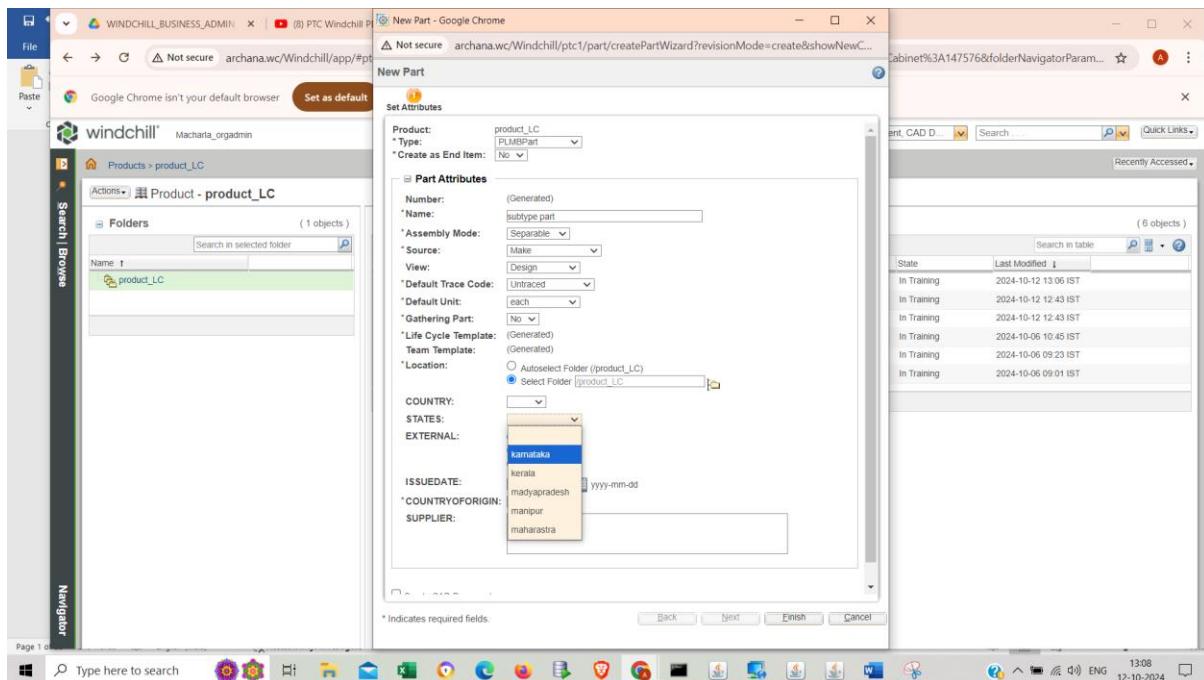


10. States should have values like Karnataka, Kerala, Madhya Pradesh, Manipur, Maharashtra, Ch1, ch2, us1, us2, in dropdown.

Step1: follow the above 9 th Assignment steps for this we create States instead of Country

Step2: create these values Karnataka, Kerala, Madhya Pradesh, Manipur, Maharashtra, Ch1, ch2, us1, us2 under States Attribute.

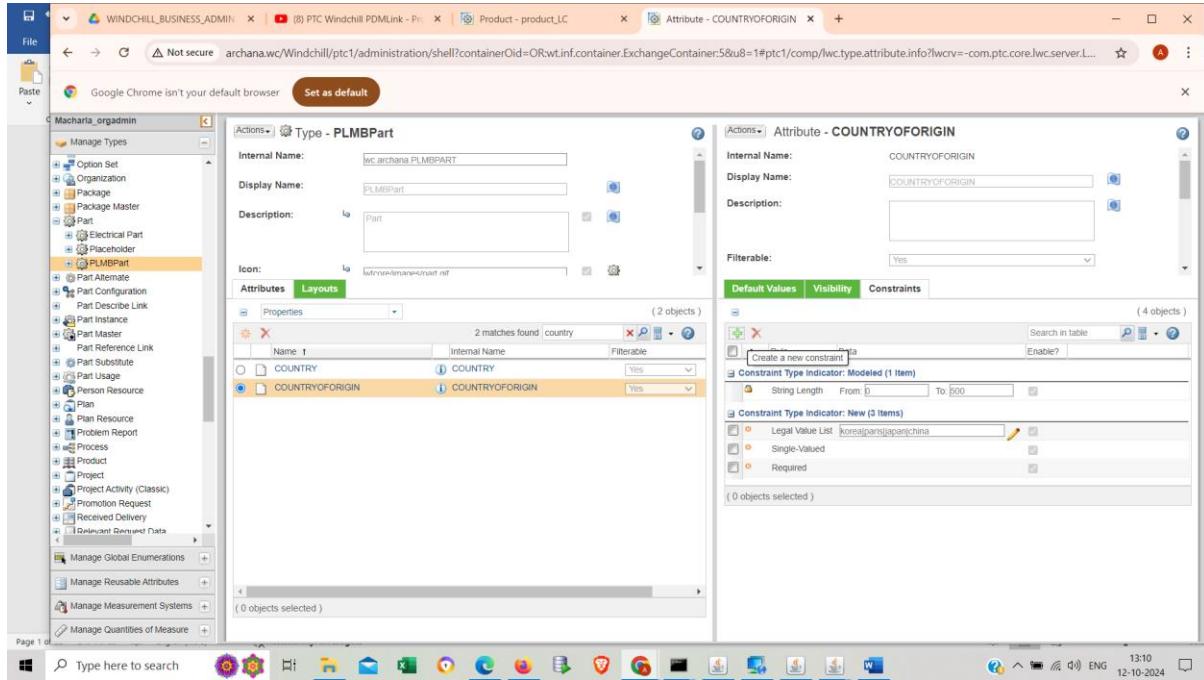
Step3: go to new PLMBPart -> observe in States Attribute dropdown list, it appears as shown below.



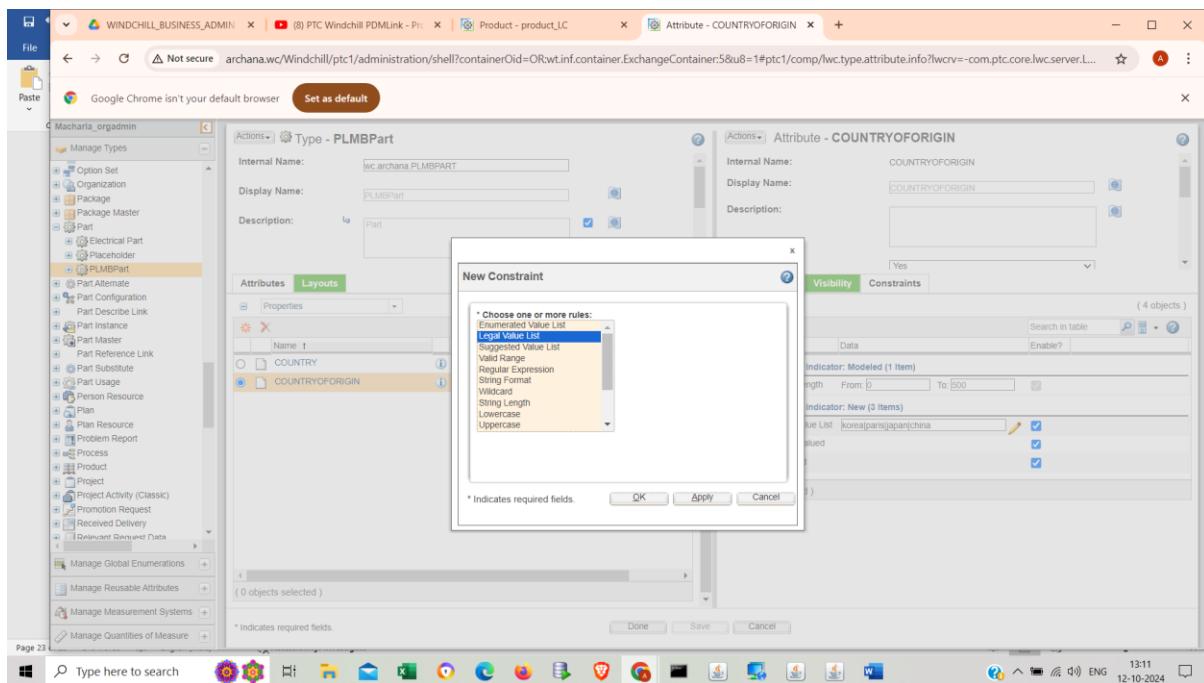
11. Create a legal value list for the Country of origin where values should be like Korea, Paris, Japan, and China.

step1: go to Manage type->part->PLMBPart-<r/c>edit

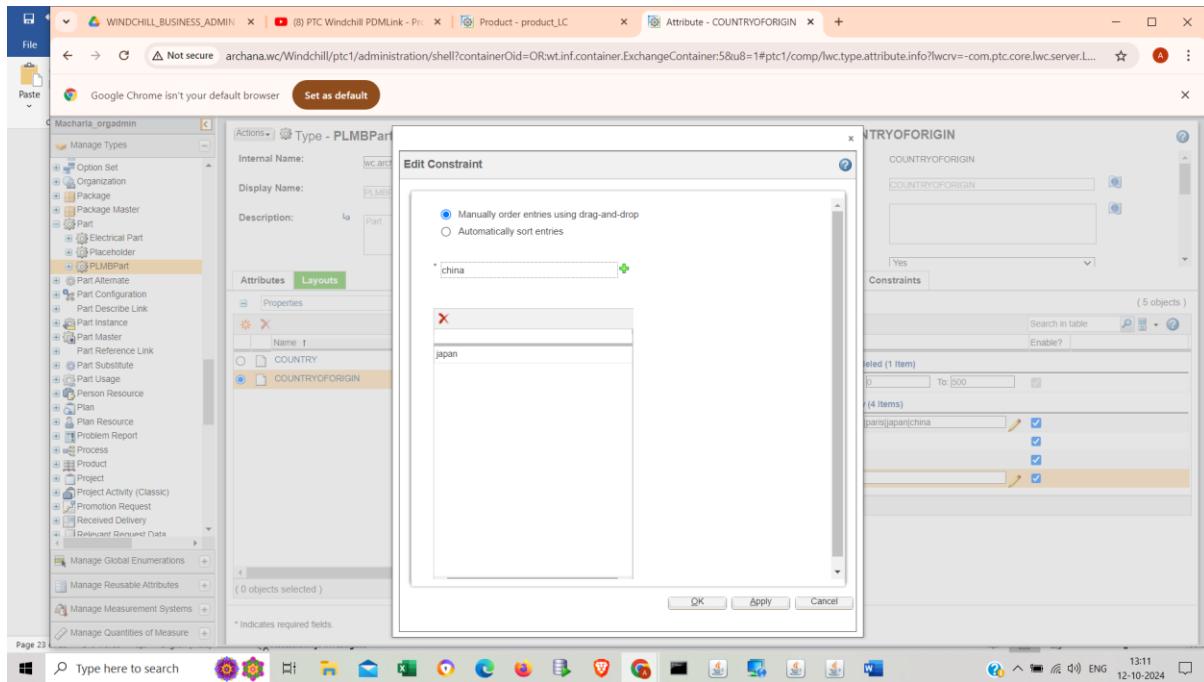
Step2: search Country of origin and choose constraints -> click on + icon (create a new constraint)



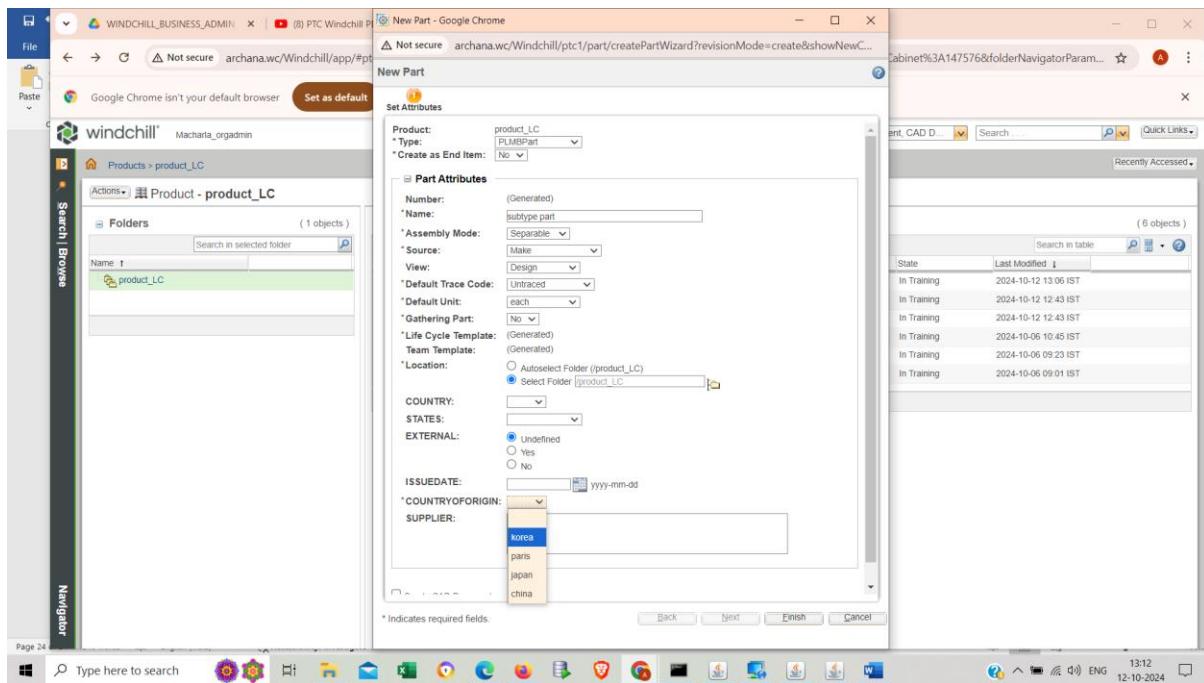
Step3: choose Legal value list ->Apply



Step4: click on + icon add values korea, paris, Japan, china -> Apply



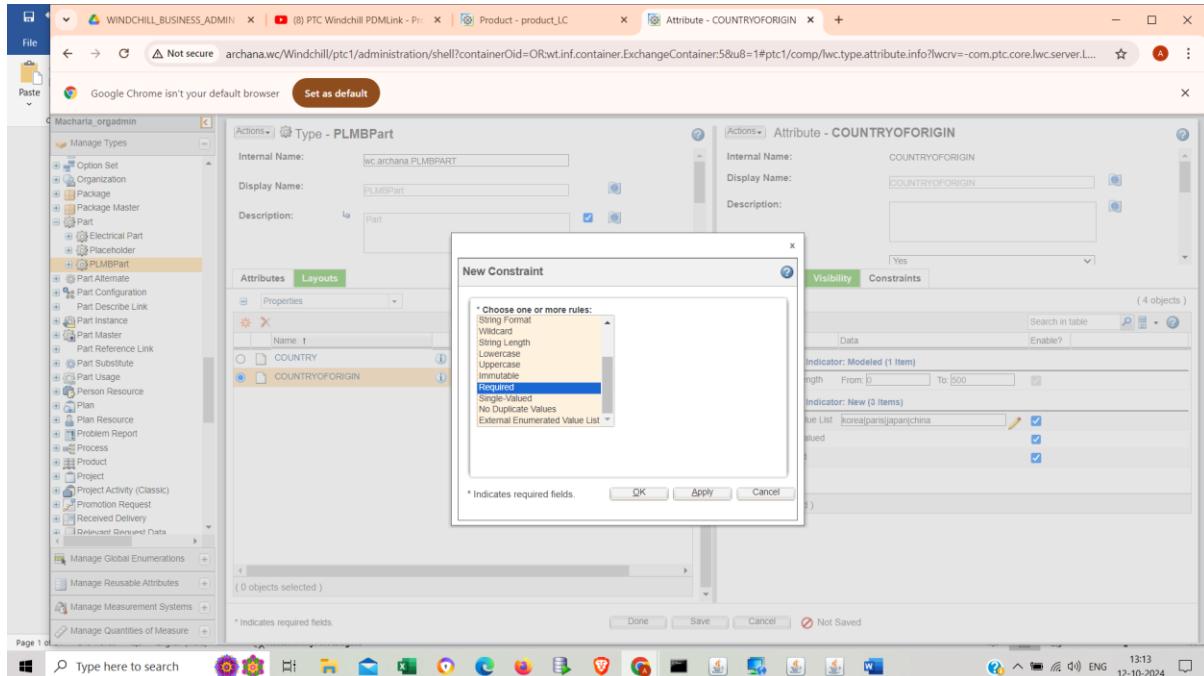
Step5: go to new PLMBPart-> observe the drop-down list under country-of-origin Attribute



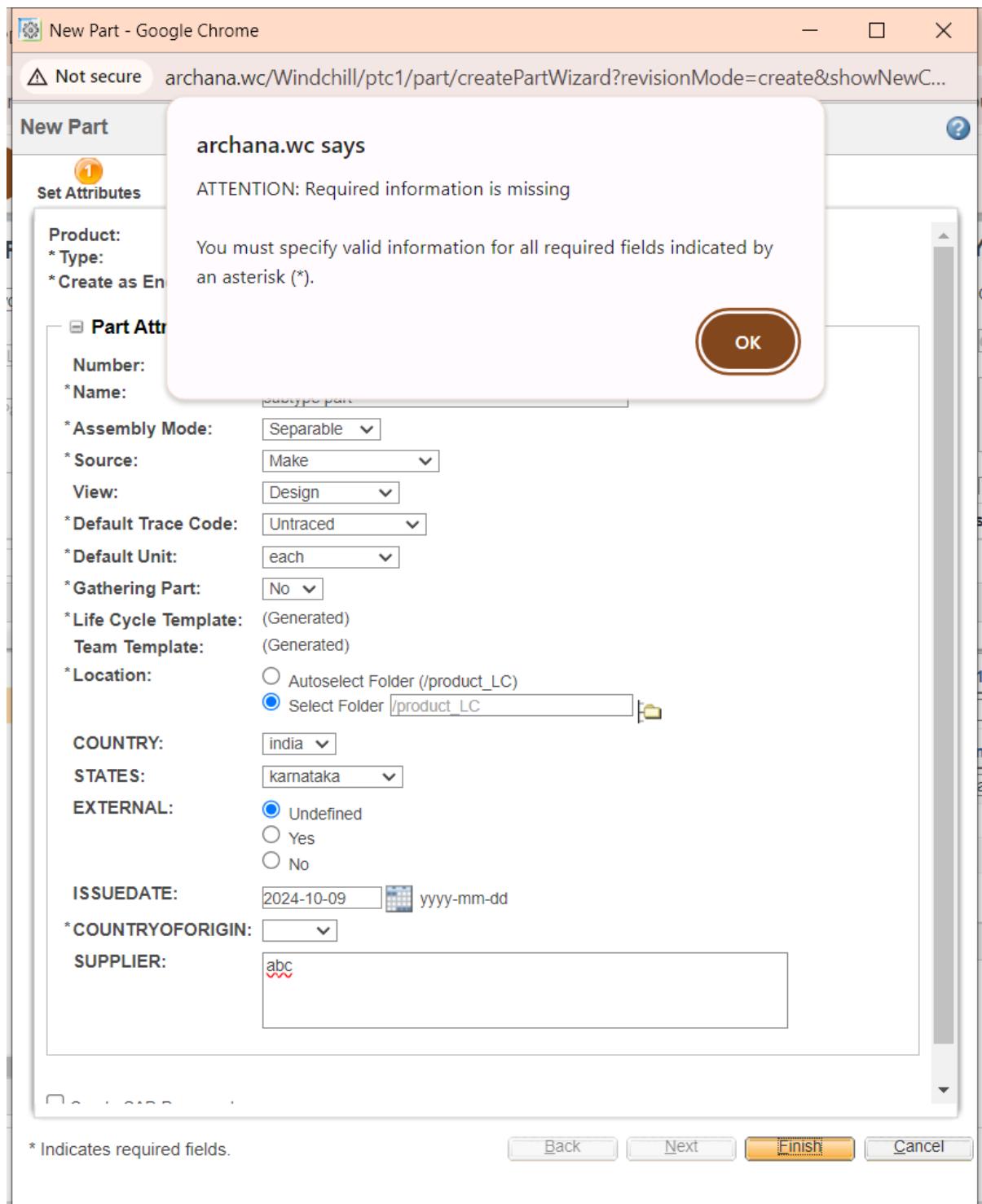
12. The Country-of-Origin attribute must be a mandatory field, and the part creation should not be allowed until a value is entered for this attribute.

Step1: go to Manage type ->part->PLMPart->edit

Step2: search Country of origin -> select on constraints -> click on + icon ->choose Required->Apply



Step3: go to new PLMBPart-> ok -> Country of Origin Attribute is a mandatory field otherwise it get error like below



Note: go to windchill path in command prompt(f:\ptc\windchill11.0\windchill) enter

Type this command **AddColumns** enter

AddColumns wt.part. WTPart String = 2 enter

After this command it updated then

windchill stop and windchill start