

Assignment - 6:

1. Create a Part subtype: "PLMBPart" 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

Q 1: Ans:

Steps are as follows:

Step 1: Login as wadmin user -> site -> Utilities -> Type & Attributes Management -> Manage Types -> Create a subtype under Part -> New Subtype.

Name	Internal Name	Filterable
ALL_SOFT_CLASSIFICATION_ATTRI...	ALL_SOFT_CLASSIFICATION_ATTRI...	No
ALL_SOFT_SCHEMA_ATTRIBUTES	ALL_SOFT_SCHEMA_ATTRIBUTES	No
allNonSchemaNonClassificationMinus...	allNonSchemaNonClassificationMinus...	No
allPartMasterAttributes	allPartMasterAttributes	No
Alternate Number	variation2	No
Assembly Mode	partType	Yes
Assigned Choices	optionsForChoiceMappables	No
Assigned Item Expression	partItemAssignedExpression	No
Awaiting Promotion	state.atGate	No
BOM Type	variation1	No
Checked Out By	lock.locker	No
Checked out PDM Version	pdmCheckoutVersion	No
Checkin Comments	iterationInfo.note	No
Collapsible	collapsible	No
Configurable Module	genericType	No
Context	containerReference	Yes

Step 2: Add Internal Name as per given requirement (PLMBPart), Display Name, select yes for Instantiable & yes for Subtypeable -> click ok.

New Subtype

*** Internal Name:** PLMBPART

Display Name: PLMBPart

Description: Part ✓

Icon: wtcore/images/part.gif ✓ ⚙

*** Instantiable:** ☒ Yes ✓
☐ No

Subtypeable: Yes ▼

* Indicates required fields.

OK
Apply
Cancel

You will find the subtype gets created under Part as below,

Administrator

- Manage Types
- Hanging Change Link
- Impacts
- Independent Assigned Expressio
- Information Resource
- Issue Implemented By
- Job
- Library
- Managed Baseline
- Managed Collection
- Material Resource
- MeetingCenter Meeting
- Milestone (Classic)
- ModelItem
- ModelItem Link
- Option
- Option Set
- Organization
- Package
- Package Master
- Part
- Electrical Part
- Placeholder
- PLMBPart
- Part Alternate
- Part Configuration
- Part Describe Link

Actions ⚙ **Type - PLMBPart**

Internal Name: vb.plmbwc.PLMBPART

Display Name: PLMBPart 🔍

Description: Part ✓ 🔍

Icon: wtcore/images/part.gif ✓ ⚙

*** Instantiable:** ... ✓

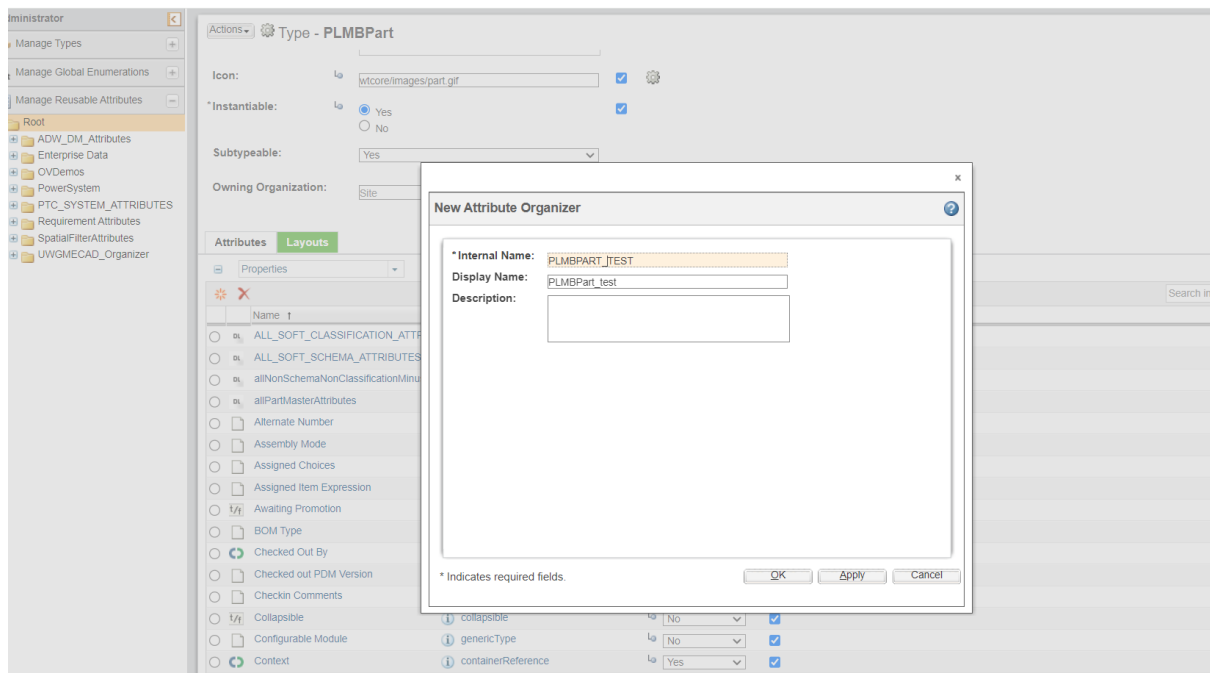
Attributes Layouts

Properties ▼

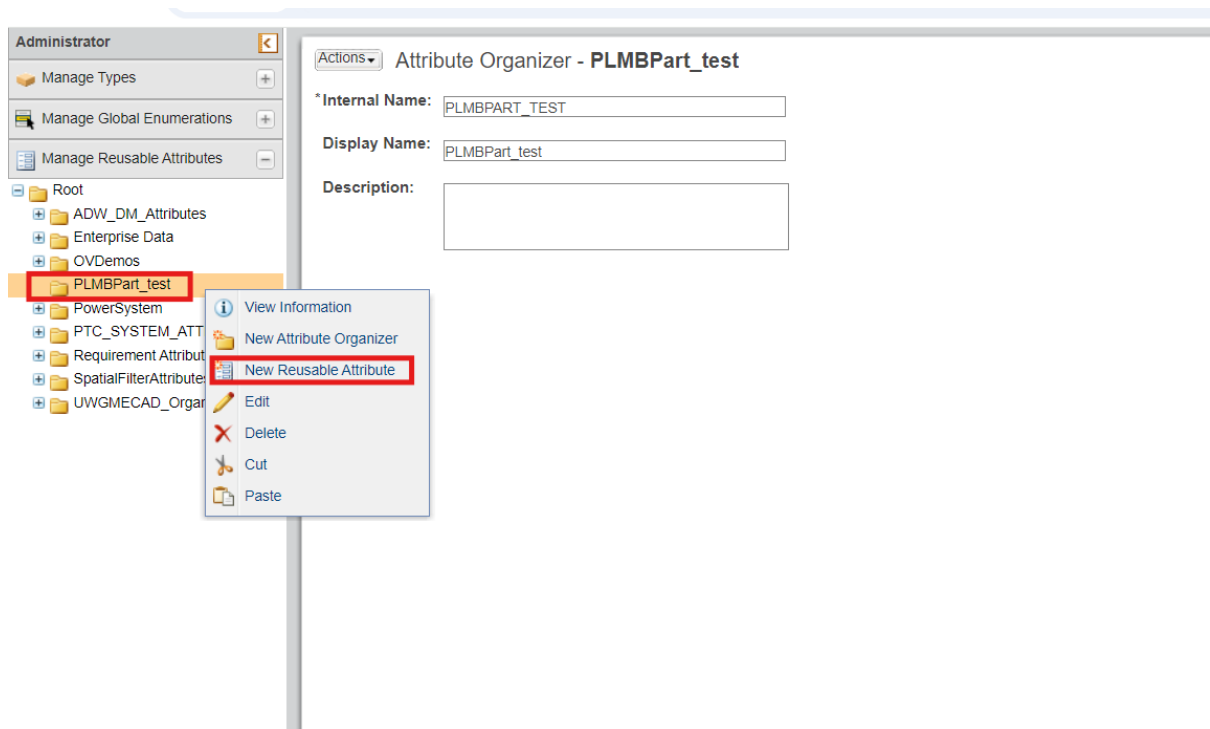
Name	Internal Name	Filterable	
<input type="radio"/> ALL_SOFT_CLASSIFICATION_ATTRI...	ALL_SOFT_CLASSIFICATION_ATTRI...	No	✓
<input type="radio"/> ALL_SOFT_SCHEMA_ATTRIBUTES	ALL_SOFT_SCHEMA_ATTRIBUTES	No	✓
<input type="radio"/> allNonSchemaNonClassificationMinus...	allNonSchemaNonClassificationMinus...	No	✓
<input type="radio"/> allPartMasterAttributes	allPartMasterAttributes	No	✓
<input type="radio"/> Alternate Number	variation2	No	✓
<input type="radio"/> Assembly Mode	partType	Yes	✓
<input type="radio"/> Assigned Choices	optionsForChoiceMappables	No	✓
<input type="radio"/> Assigned Item Expression	partItemAssignedExpression	No	✓

Q 3 Ans:

Step 1: Go to Manage Reusable attributes -> r/c Root -> New Attribute Organizer -> Give Internal Name (PLMBPART_TEST), Display Name -> click on Ok.



Step 2: You will find the New Attribute folder (PLMBPart_test) gets created under Root -> r/c on it -> Click on New Reusable Attribute -> Add Internal Name, Data Type, Display Name as per given requirements here is (COUNTRY), String, Country -> Click on Ok.



x

New Reusable Attribute ?

*** Internal Name:**

Data Type: ▼

Display Name:

Description:

Logical Identifier:

* Indicates required fields.

Step 3: Similarly create the same for other Reusable Attributes (e.g.: States, External, Issue Date, Country of Origin) by r/c on Root -> Click on New Reusable Attribute & add Internal Name, Data Type, Display Name as per given requirements -> Click on Ok.

x

New Reusable Attribute ?

*** Internal Name:**

Data Type: ▼

Display Name:

Description:

Logical Identifier:

* Indicates required fields.

New Reusable Attribute

?

* Internal Name:EXTERNAL

Data Type: Boolean

Display Name:External

Description:

Logical Identifier:External

* Indicates required fields.

OK

Apply

Cancel

New Reusable Attribute

?

* Internal Name:ISSUEDATE

Data Type:Date & Time

Display Name:Issue Date

Description:

Logical Identifier:ISSUEDATE

* Indicates required fields.

OK

Apply

Cancel

New Reusable Attribute

?

* Internal Name:COUNTRYOFORIGIN

Data Type:String

Display Name:Country of origin

Description:

Logical Identifier:

* Indicates required fields.

OK

Apply

Cancel

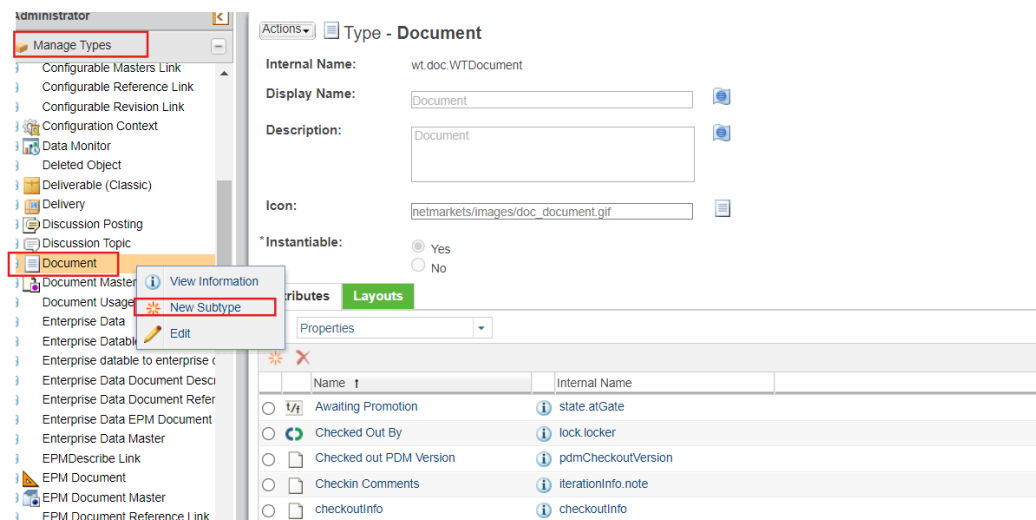
Q 2. Create a Document subtype: "PLMBDoc" and work on the below points

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

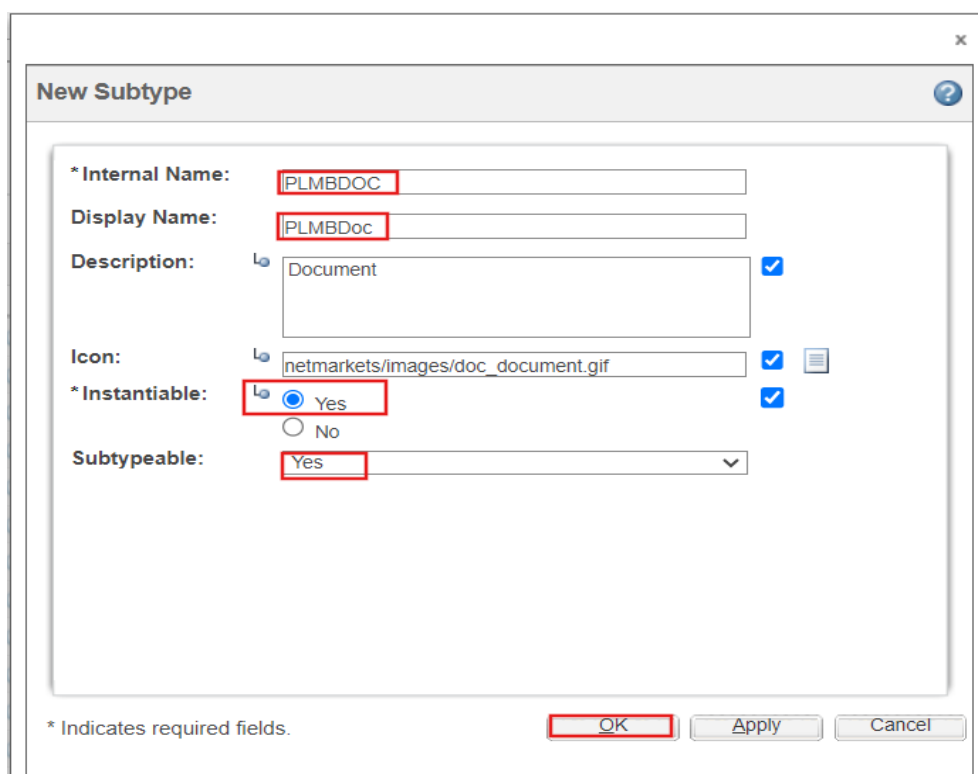
- a) Creation Date----Timestamp/date type
- b) Author---string type
- c) Mandataty---Boolean type
- d) Language----String type

Q 2. Ans:

Step 1: Under Manage Types -> Create a subtype under Document -> New Subtype.

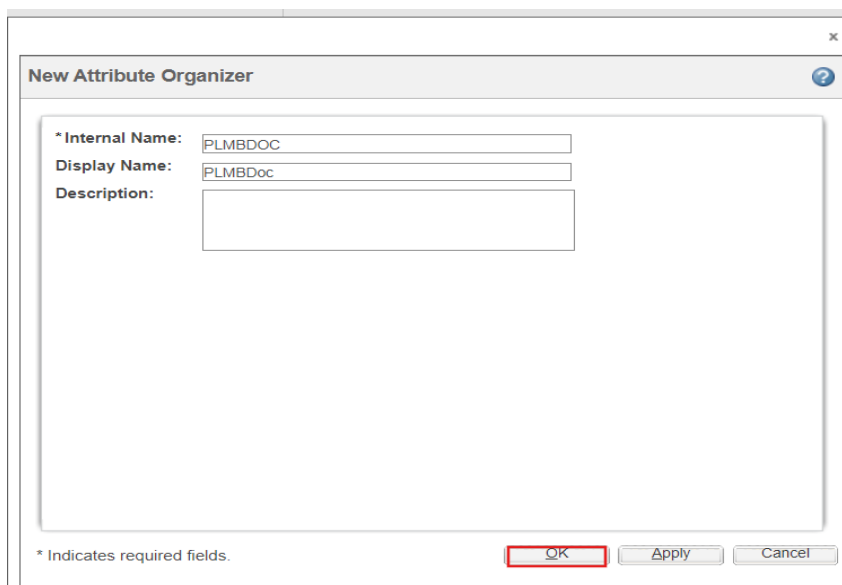
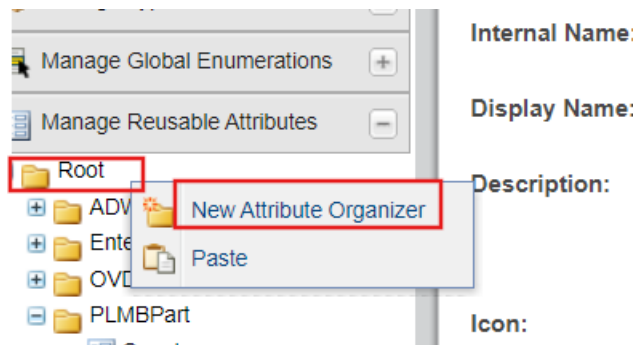


Step 2: Add Internal Name as per given requirement (PLMBDoc), Display Name, select yes for Instantiable & yes for Subtypeable -> click ok.

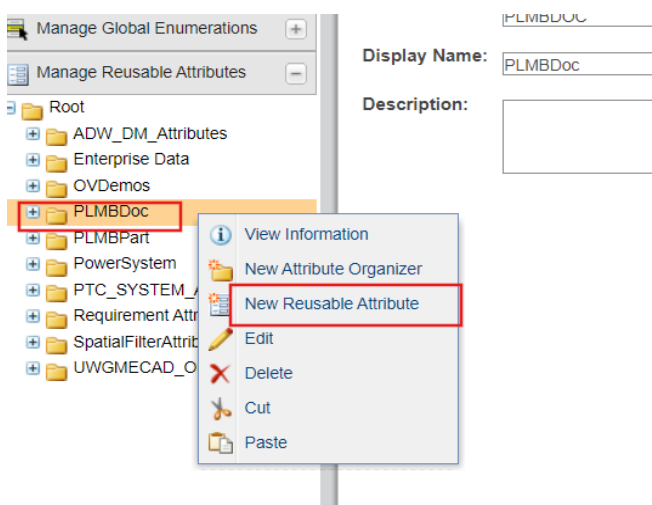


Q 5. Ans:

Step 1: Step 1: Go to Manage Reusable attributes -> r/c Root -> New Attribute Organizer -> Give Internal Name (PLMBDoc), Display Name -> click on Ok.



Step 2: You will find the New Attribute folder (PLMBDoc) gets created under Root -> r/c on it -> Click on New Reusable Attribute -> Add Internal Name, Data Type, Display Name as per given requirements here is CREATIONDATE, Date & Time, Creation Date -> Click on Ok.



The screenshot shows a dialog box titled "New Reusable Attribute". It contains the following fields:

- * Internal Name:** CREATIONDATE
- Data Type:** Date & Time (selected from a dropdown menu)
- Display Name:** Creation Date
- Description:** (empty text area)
- Logical Identifier:** CREATIONDATE

At the bottom, there is a note: "* Indicates required fields." and three buttons: OK, Apply, and Cancel. The OK button is highlighted with a red rectangle.

Step 3: Similarly create the same for other Reusable Attributes (e.g.: Author, Mandataty, Language) by r/c on Root -> Click on New Reusable Attribute & add Internal Name, Data Type, Display Name as per given requirements -> Click on Ok.

The screenshot shows the same "New Reusable Attribute" dialog box, but with the following values:

- * Internal Name:** AUTHOR
- Data Type:** String (selected from a dropdown menu)
- Display Name:** Author
- Description:** (empty text area)
- Logical Identifier:** Author

At the bottom, there is a note: "* Indicates required fields." and three buttons: OK, Apply, and Cancel. The OK button is highlighted with a red rectangle.

New Reusable Attribute

?

* Internal Name:

MANDATATY

Data Type:

Boolean

▼

Display Name:

Mandataty

Description:

Logical Identifier:

MANDATATY

* Indicates required fields.

OK

Apply

Cancel

New Reusable Attribute

?

* Internal Name:

LANGUAGE

Data Type:

String

▼

Display Name:

Language

Description:

Logical Identifier:

* Indicates required fields.

OK

Apply

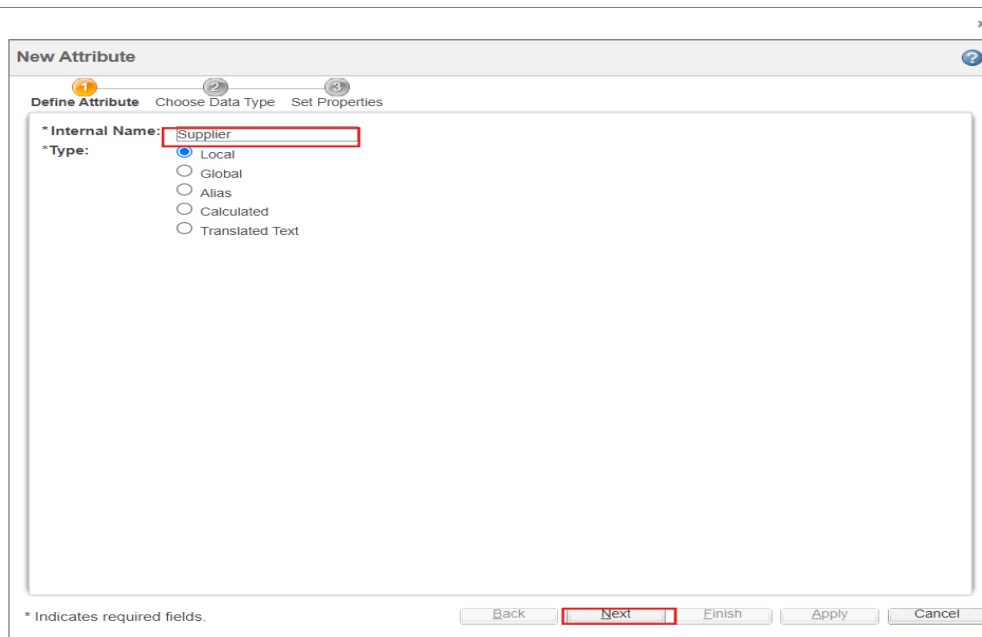
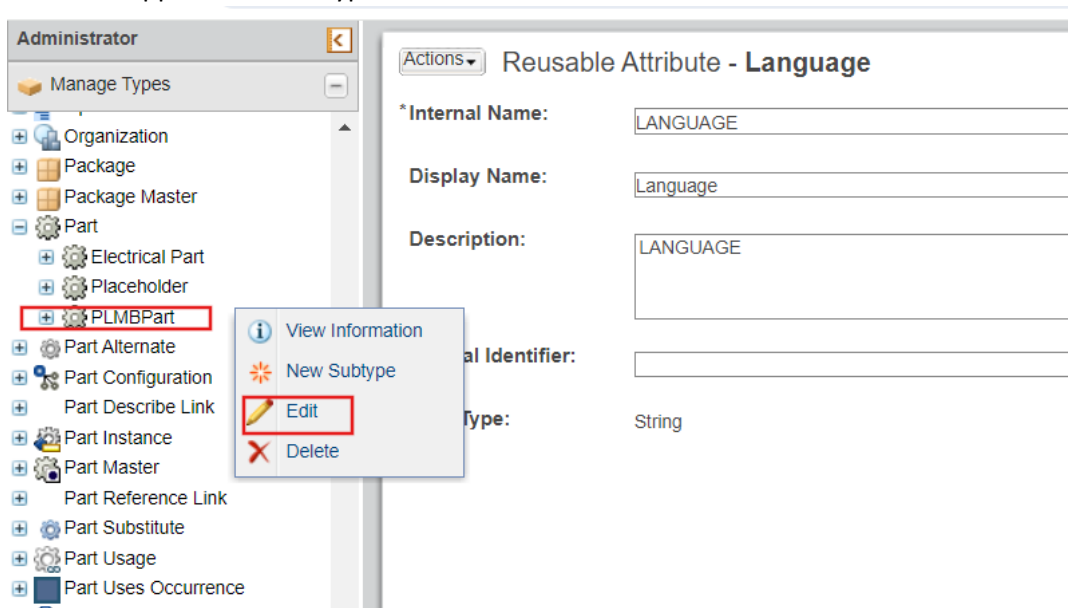
Cancel

Q 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.

Step 1: Under Manage type r/c on PLMBPart -> click on edit -> create new attribute -> give Internal name as Supplier -> select type as Local -> click next.



Step 2: Select Data type as per requirement here is String -> click on Next -> under set property che k Display name -> click on Finish. At First attempt we found error in below screenshot.

The screenshot shows the 'New Attribute' dialog box with three tabs: 'Define Attribute', 'Choose Data Type', and 'Set Properties'. The 'Choose Data Type' tab is active, and the 'Data Type' dropdown is set to 'String'. The 'Next' button is highlighted with a red box.

The screenshot shows the 'New Attribute' dialog box with three tabs: 'Define Attribute', 'Choose Data Type', and 'Set Properties'. The 'Set Properties' tab is active, and the 'Display Name' is 'Supplier'. The 'Finish' button is highlighted with a red box.

gauci.gc says

ATTENTION:

A "String" attribute cannot be created because database columns of the following datatypes are not available: java.lang.String : count : 1. Contact your system administrator to execute the AddColumns utility to allocate the necessary database columns.

OK

Step 3: If the above error arise execute command in cmd as AddColumns -> enter.

AddColumns wt.part.WTPart String=3 Long=4 Double=1 -> enter

Windchill stop -> enter

Windchill start -> enter. Then the local attributes for PLMBPart Subtype gets added as below.

The screenshot shows the Windchill interface with two panels. The left panel, titled 'Type - Part', shows the configuration for the 'Part' type. The 'Internal Name' is 'wt.part.WTPart', 'Display Name' is 'Part', and 'Description' is 'Part'. The 'Icon' is 'wtcore/images/part.gif'. The 'Instantiable' checkbox is checked. The 'Attributes' tab is selected, showing a list of attributes with columns for Name, Internal Name, and Filterable. The 'Supplier' attribute is highlighted. The right panel, titled 'Attribute - Supplier', shows the configuration for the 'Supplier' attribute. The 'Internal Name' is 'Supplier', 'Display Name' is 'Supplier', and 'Description' is empty. The 'Filterable' checkbox is checked, and the 'Data Type' is 'java.lang.String'. The 'Default Values' tab is selected, showing a table with columns for Operation and Value. The 'Create New' operation has a value of 'ReadWrite', and the 'Edit' operation has a value of 'ReadWrite'.

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

Step 1: Go to Manage Types -> Part -> PLMBPart -> Click on Action dropdown -> Click on Edit -> create new attribute -> Add Internal Name as Country, Type as Global -> click on Finish.

The screenshot shows the Windchill interface with the 'Type - PLMBPart' configuration page. The 'Internal Name' is 'vb.plmbwc.PLMBPART', 'Display Name' is 'PLMBPart', and 'Description' is 'Part'. The 'Icon' is 'wtcore/images/part.gif'. The 'Instantiable' checkbox is checked. The 'Attributes' tab is selected, showing a list of attributes with columns for Name, Internal Name, and Filterable. The 'Edit' action is highlighted in the 'Actions' dropdown menu. The 'Create New' operation has a value of 'ReadWrite', and the 'Edit' operation has a value of 'ReadWrite'.

New Attribute

1 Define Attribute 2 Choose Reusable Attribute 3 Set Properties

*Internal Name:

*Type:

- ☐ Local
- ☒ Global
- ☐ Alias
- ☐ Calculated
- ☐ Translated Text

Just now

* Indicates required fields.

Back Next Finish Apply Cancel

Step 2: Under Choose Reusable Attributes -> select Country under PLMBPart -> click next

New Attribute

1 Define Attribute 2 Choose Reusable Attribute 3 Set Properties

* Reusable Attributes (208 objects)

Find in tree

	Name ↑
<input type="radio"/>	Creation Date
<input type="radio"/>	Language
<input type="radio"/>	Mandataty
<input type="radio"/>	PLMBPart
<input checked="" type="radio"/>	Country
<input type="radio"/>	Country of origin
<input type="radio"/>	External
<input type="radio"/>	Issue Date
<input type="radio"/>	States
<input type="radio"/>	PowerSystem
<input type="radio"/>	Company Name
<input type="radio"/>	PTC_SYSTEM_ATTRIBU...
<input type="radio"/>	All Around Symbol
<input type="radio"/>	All Over Symbol

(1 objects selected)

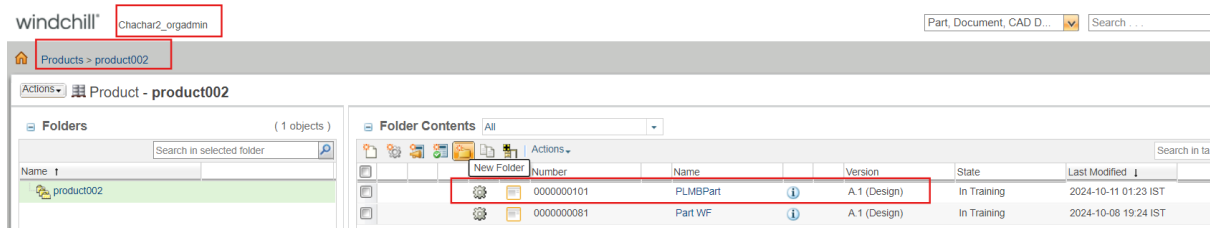
Back Next Finish Apply Cancel

Step 3: Under Set Properties -> Display name as Country -> Click Finish

The screenshot shows the 'New Attribute' dialog box with three steps: 1. Define Attribute, 2. Choose Reusable Attribute, and 3. Set Properties. The 'Set Properties' step is highlighted with a red box. The 'Display Name' field is set to 'Country'. The 'Description' field is empty. The 'Filterable' dropdown is set to 'Yes'. The 'Available Attributes ID' field is empty. The 'Create Hyperlinks' dropdown is set to 'No'. The 'Default Value Display Mode' dropdown is set to 'Text'. The 'Input Field Type' dropdown is set to 'Text'. The 'Selection List Style' dropdown is set to 'List'. The 'String Length Threshold For Multiple Line Input' field is empty. At the bottom, the 'Finish' button is highlighted with a red box.

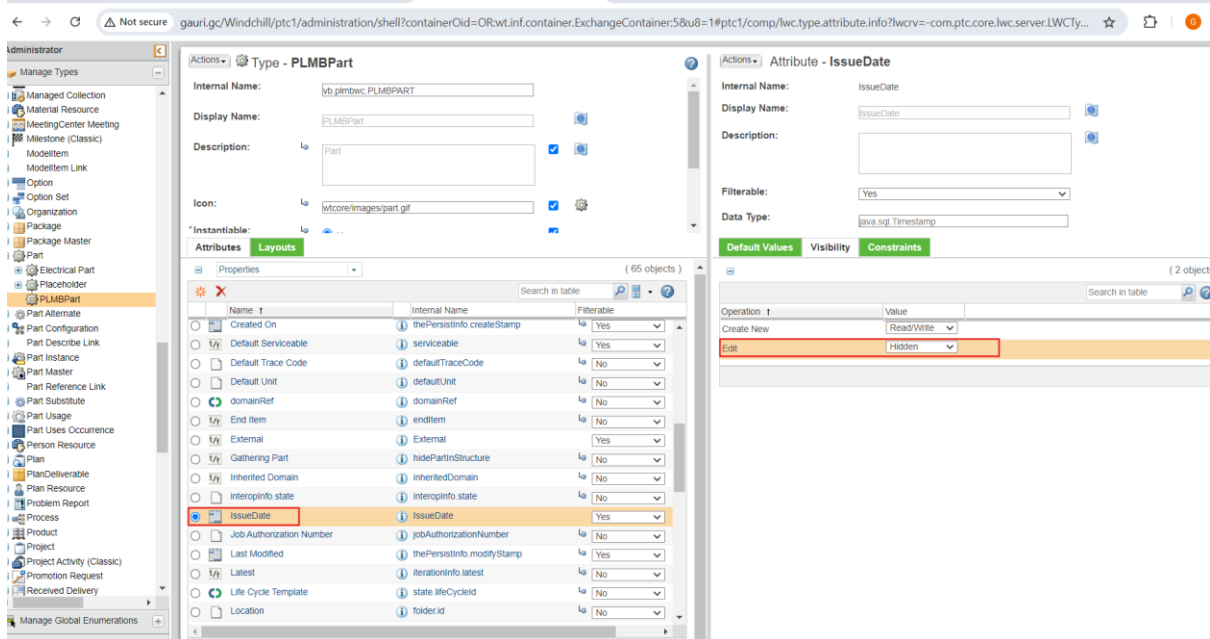
Step 4: Do similar steps for the others 4 attributes -> then go to Orgadmin(Chachar2_orgadmin) -> Product -> Folder -> Create new Part -> give type name as "PLMBPart" -> you can see all the mentioned details in create part page as below -> click finish.

The screenshot shows the 'New Part' dialog box with Step 1: Set Attributes. The 'Product' dropdown is set to 'product002'. The '* Type' dropdown is set to 'PLMBPart'. The '* Create as End Item' dropdown is set to 'No'. The 'Part Attributes' section includes: 'Number' (Generated), '* Name' (empty), '* Assembly Mode' (Separable), '* Source' (Make), 'View' (Design), '* Default Trace Code' (Untraced), '* Default Unit' (each), '* Gathering Part' (No), '* Life Cycle Template' (Generated), 'Team Template' (Generated), '* Location' (Select Folder /product002), 'Country' (empty), 'States' (empty), 'External' (Undefined), and 'IssueDate' (empty). At the bottom, the 'Finish' button is highlighted with a red box.

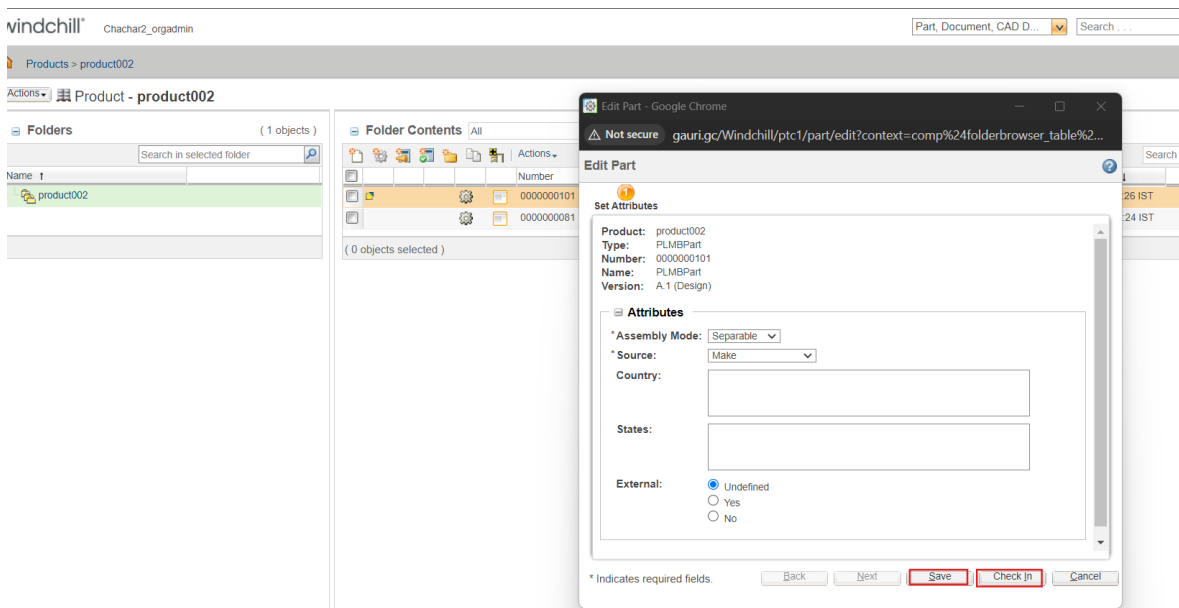


Q 7: The user should not be able to see Issue date on the edit page but can see Country, States, and External.

Step 1: Go to PLMBPart -> Click action -> Edit -> Select Issue date under Attributes -> Under Visibility tab -> Select Hidden dropdown for Edit option.



Step 2: Now to Part under folder in Chachar2_orgadmin -> select the part which is newly created -> checkout & edit -> you will found the Issue date is not visible in below screenshot -> click on check in.



Q 8: In the View page all 5 attributes should be visible.

Step 1: Click on “i” icon to view the part, there you will find all the 5 attributes in view page as below.

The screenshot shows the Windchill interface for a part named 'PLMBPart - 0000000101, PLMBPart, A.2 (Design)'. The user is logged in as 'Chachar2_orgadmin'. The page has tabs for 'Details', 'Structure', 'Related Objects', 'Changes', 'History', 'Where Used', and 'Traceability'. The 'Details' tab is active, showing 'Visualization and Attributes'. On the left, there is a 'creo view' icon. On the right, the 'Visualization and Attributes' section displays the following information:

- Name: PLMBPart
- Status: Checked in
- Modified By: Chachar2_orgadmin
- Last Modified: 2024-10-11 01:47 IST

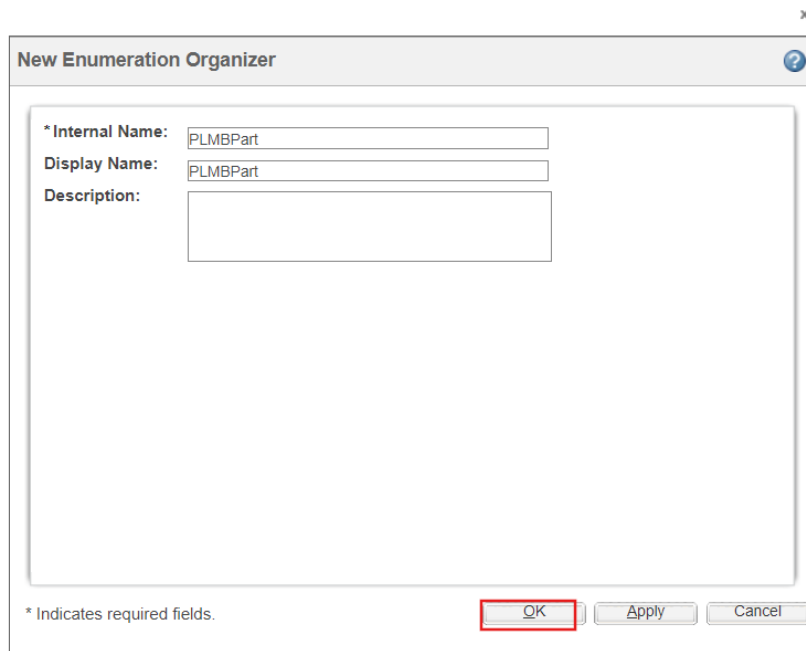
Below this, there are three expandable sections:

- General**
 - Assembly Mode: Separable
 - End Item: No
 - Source: Make
 - Default Unit: each
 - Gathering Part: No
 - Default Trace Code: Untraced
- Type Attributes**
 - Country: (dropdown)
 - CountryOfOrigin: (dropdown)
 - External: (dropdown)
 - IssueDate: (dropdown)
 - States: (dropdown)
- System**
 - State: In Training - Under Review - Implementation - Released - Canceled
 - Context: product002
 - Life Cycle Template: Basic_Lifecycle
 - Created By: Chachar2_orgadmin
 - Created On: 2024-10-11 01:23 IST
 - Location: /product002
 - Team Template: Organization name_Team
 - Modified By: Chachar2_orgadmin
 - Last Modified: 2024-10-11 01:47 IST

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

Step 1: Under Manage Global Enumerations -> create a folder by r/c on Root -> create New Enumeration Organizer -> Add Internal Name as PLMBPart, Display name & click on Ok.

The screenshot shows the 'Administrator' interface. The 'Manage Global Enumerations' option is highlighted with a red box. Below it, a tree view shows the 'Root' folder, and a 'New Enumeration Organizer' dialog is open, also highlighted with a red box. The dialog shows a folder icon and the text 'New Enumeration Organizer'. Other options in the tree include 'PTC', 'Graphical Attribute Represent', and 'Material Group'.

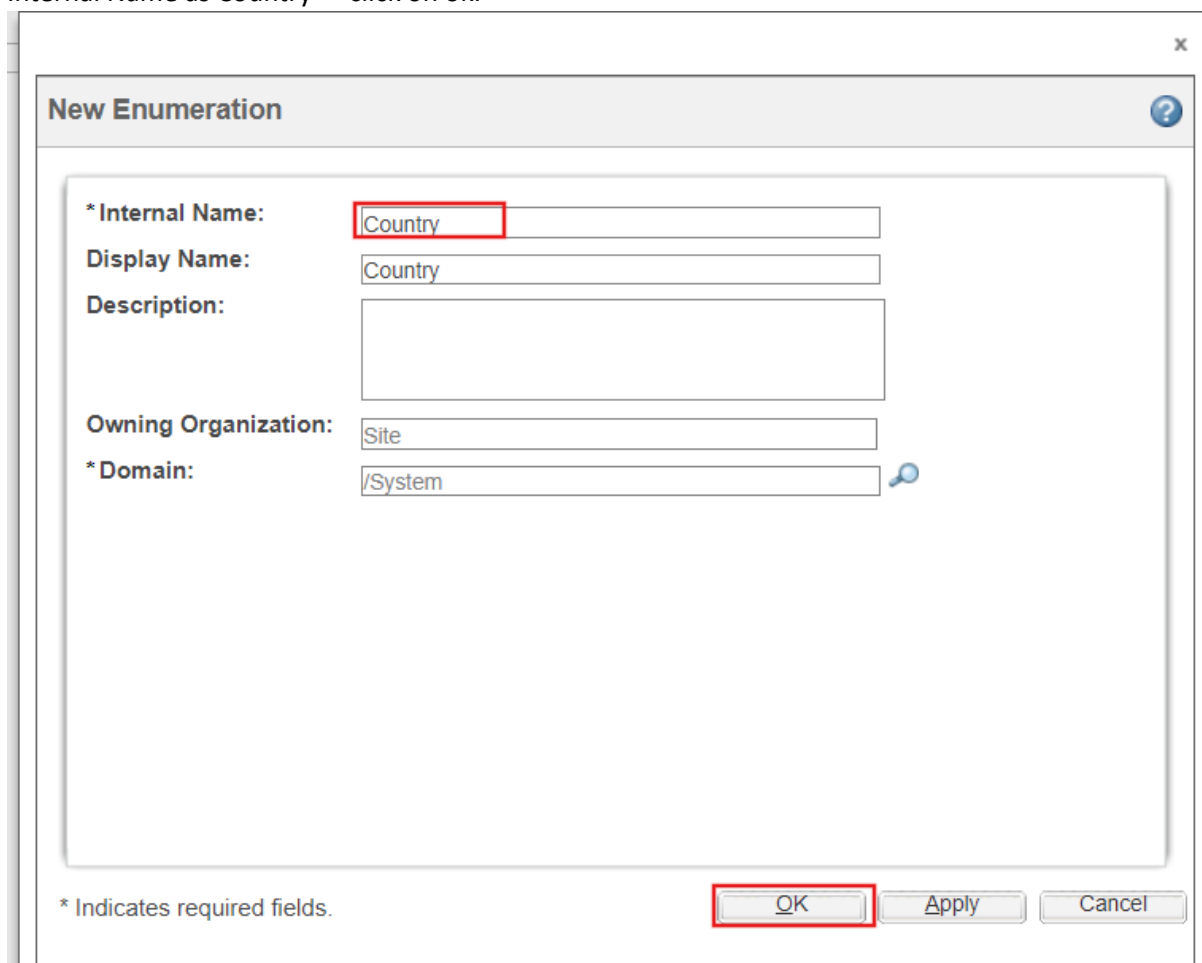


The 'New Enumeration Organizer' dialog box contains the following fields:

- *Internal Name:** PLMBPart
- Display Name:** PLMBPart
- Description:** (empty text area)

At the bottom, there is a legend: '* Indicates required fields.' and three buttons: **OK** (highlighted with a red box), **Apply**, and **Cancel**.

Step 2: Now r/c on PLMBPart folder which is created above -> click on New Enumeration -> Add Internal Name as Country -> click on ok.



The 'New Enumeration' dialog box contains the following fields:

- *Internal Name:** Country (highlighted with a red box)
- Display Name:** Country
- Description:** (empty text area)
- Owning Organization:** Site
- *Domain:** /System (with a search icon)

At the bottom, there is a legend: '* Indicates required fields.' and three buttons: **OK** (highlighted with a red box), **Apply**, and **Cancel**.

Step 3: You will find Country gets added under PLMBPart -> then add the Country names mentioned in quest as India, China, USA -> Click on Done.

tor

Types

Global Enumerations

MBPart

Country

C Enumerations

Actions - Enumeration - Country

*Internal Name: Country

Display Name: Country

Description:

Owning Organization: Site

*Domain: /System

Entries

☒ Manually order entries using drag-and-drop

☐ Automatically sort entries

Available for selection:

India

China

USA

Removed from selection list:

Step 4: Go back to Manage Type -> PLMBPart -> Under Attributes select Country -> Add Constraints by clicking on Plus sign (+) -> Select Enumerated Value List in dropdown -> click on Ok.

Administrator

Manage Types

Managed Collection

Material Resource

MeetingCenter Meeting

Milestone (Classic)

ModelItem

ModelItem Link

Option

Option Set

Organization

Package

Package Master

Part

Placeholder

PLMBPart

Part Alternate

Part Configuration

Part Describe Link

Part Instance

Part Master

Part Reference Link

Part Substitute

Part Usage

Part Uses Occurrence

Person Resource

Plan

Plan Deliverable

Plan Resource

Problem Report

Process

Product

Project

Project Activity (Classic)

Promotion Request

Received Delivery

Manage Global Enumerations

Manage Reusable Attributes

Manage Measurement Systems

Manage Characteristics of Measure

Actions - Type - PLMBPart

Internal Name: vb.plmbwc.PLMBPART

Display Name: PLMBPart

Description: Part

Icon: /etc/images/part.gif

*Instantiable: Yes

Attributes

Layouts

Properties

Search in table (65 objects)

Name	Internal Name	Filterable
Alternate Number	variation2	No
Assembly Mode	partType	Yes
Assigned Choices	optionsForChoiceMapables	No
Assigned Item Expression	partItemAssignedExpression	No
Awaiting Promotion	state_atGate	No
BOM Type	variation1	No
Checked Out By	lock.locker	No
Checked out PDM Version	pdmCheckoutVersion	No
Checkin Comments	iterationInfo note	No
Collapsible	collapsible	No
Configurable Module	genericType	No
Context	containerReference	Yes
Contract Number	contractNumber	No
Country	Country	Yes
CountryOfOrigin	CountryOfOrigin	Yes
Created By	iterationInfo creator	Yes

(1 objects selected)

* Indicates required fields.

Done Save

Actions - Attribute - Country

Internal Name: Country

Display Name: Country

Description:

Filterable: Yes

Data Type: java.lang.String

Default Values

Visibility

Constraints

Search in table (2 objects)

Rule

Data

Enable?

Constraint Type Indicator: Modeled (1 item)

String Length: From 0 To 500

Constraint Type Indicator: New (1 item)

Single-Valued

New Constraint

* Choose one or more rules:

Enumerated Value List

Legal Value List

Suggested Value List

Valid Range

Regular Expression

String Format

Wildcard

String Length

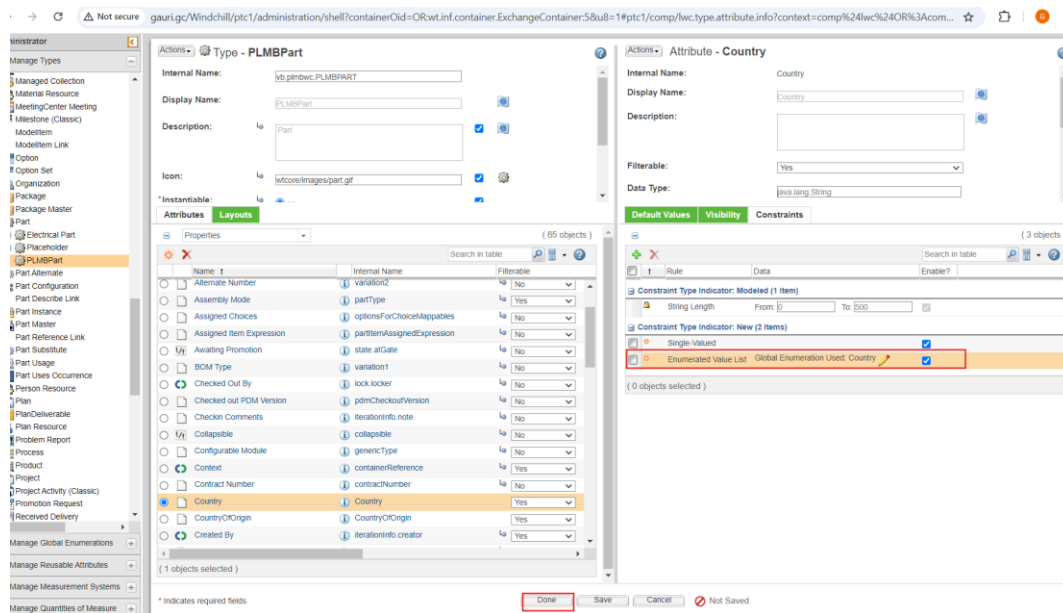
Lowercase

Uppercase

* Indicates required fields.

OK Apply Cancel

Step 5: In below screenshot the Enumerated Value List gets added -> click on Done



Step 6: Go to Orgadmin user account (Chachar2_orgadmin) -> Product -> folder -> create new Part -> in New Part Page you can find the Dropdown list of Country.

New Part - Google Chrome

Not secure gauri.gc/Windchill/ptc1/part/createPartWizard?revisionMode=create&showNewCADD...

New Part

Set Attributes

Product: product002

* Type: PLMBPart

* Create as End Item: No

Part Attributes

Number: (Generated)

* Name:

* Assembly Mode: Separable

* Source: Make

View: Design

* Default Trace Code: Untraced

* Default Unit: each

* Gathering Part: No

* Life Cycle Template: (Generated)

Team Template: (Generated)

* Location: ☐ Autoselect Folder (/product002) ☒ Select Folder /product002

Country:

States:

External:

IssueDate:

CountryOfOrigin:

☐ Create CAD Document

☐ Keep checked out after checkout

* Indicates required fields.

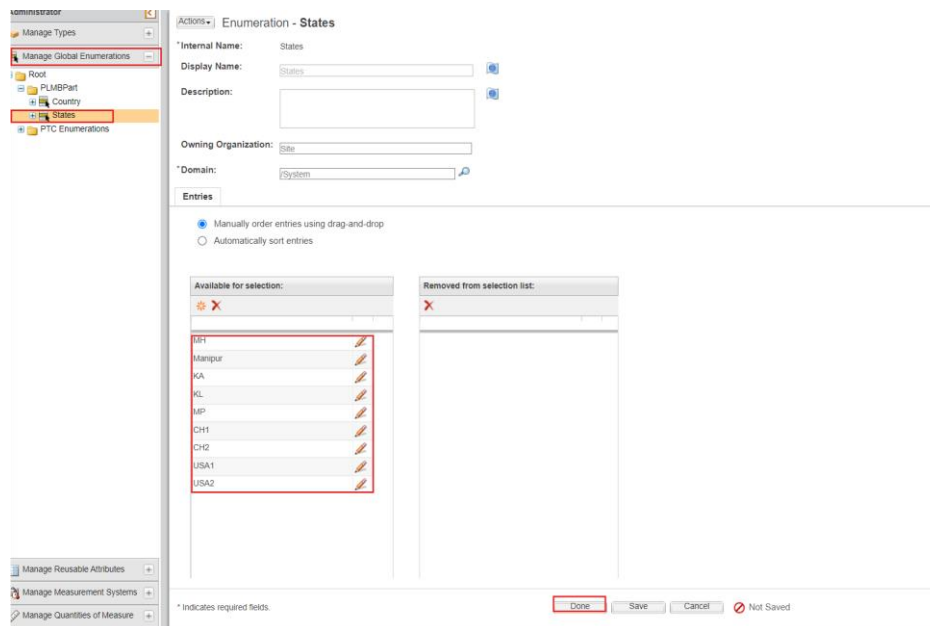
Back Next Finish Cancel

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

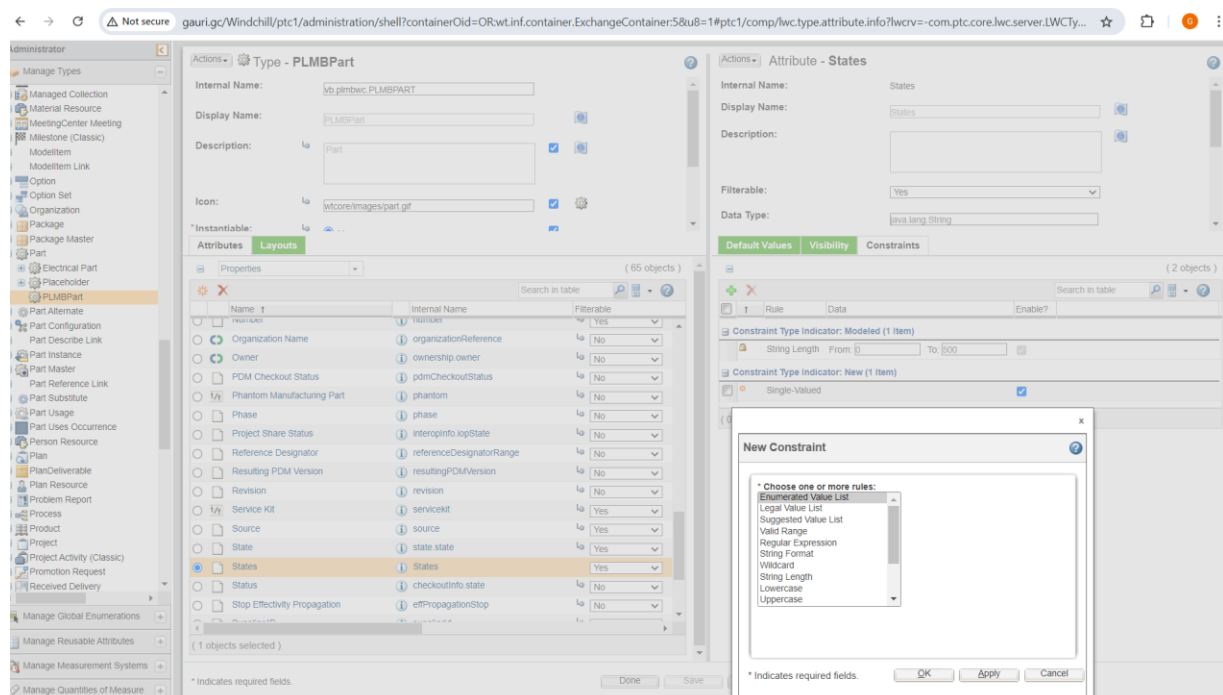
Similarly same steps for adding the states as follows,

Step 1: First you need to create a new Enumeration for States to add on r/c on PLMBPart folder which is created above -> click on New Enumeration -> Add Internal Name as States -> click on ok. The States Enumeration gets created.

Step 2: Then add the States names mentioned in quest as Karnataka, Kerala, Madhya Pradesh, Manipur, Maharashtra, Ch1, ch2, us1, us2 -> click on done



Step 3: Go back to Manage Type -> PLMBPart -> Under Attributes select States -> Add Constraints by clicking on Plus sign (+) -> Select Enumerated Value List in dropdown -> click on Ok.



Step 4: In below screenshot the Enumerated Value List gets added -> click on Done

The screenshot shows the 'Type - PLMBPart' configuration window. The 'Internal Name' is 'pmbwc.PLMBPART' and the 'Display Name' is 'PLMBPart'. The 'Description' is 'Part'. The 'Icon' is 'wtcore/images/part.gif'. The 'Instantiable' checkbox is checked. The 'Attributes' tab is active, showing a list of attributes. The 'States' attribute is selected, and its 'Enumerated Value List' is being configured. The 'Enumerated Value List' is set to 'Global Enumeration Used: States'. The 'Done' button is highlighted at the bottom right.

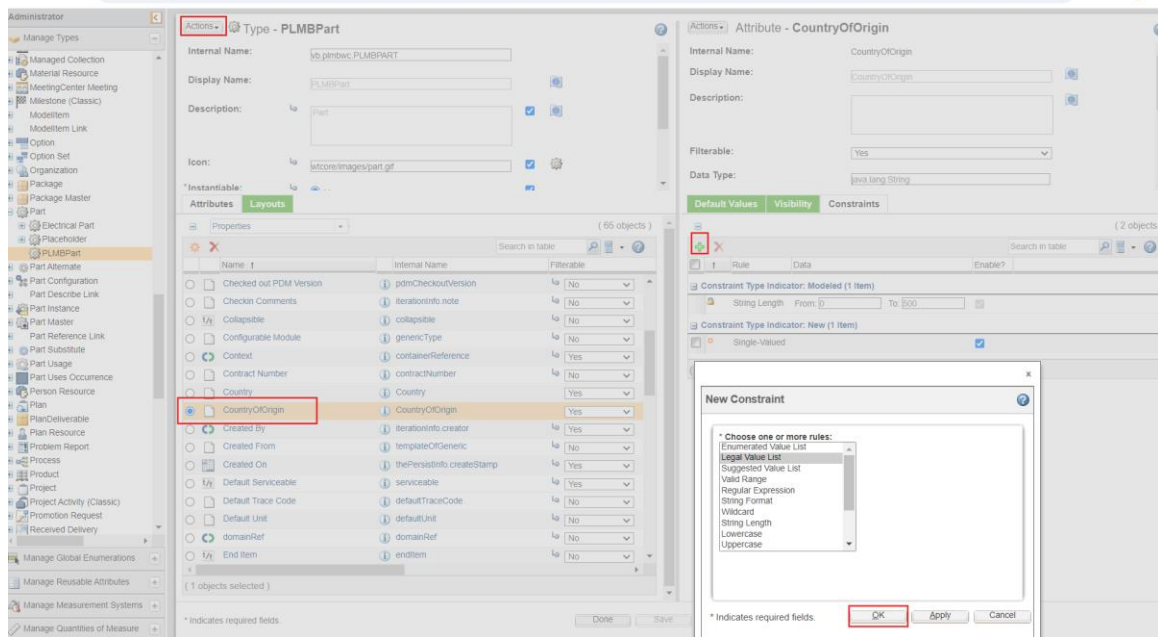
Name	Internal Name	Filterable
Organization Name	organizationReference	No
Owner	ownership.owner	No
PDM Checkout Status	pdmCheckoutStatus	No
Phantom Manufacturing Part	phantom	No
Phase	phase	No
Project Share Status	interInfo.lopState	No
Reference Designator	referenceDesignatorRange	No
Resulting PDM Version	resultingPDMVersion	No
Revision	revision	No
Service Kit	servicekit	Yes
Source	source	Yes
State	state.state	Yes
Status	status	Yes
Status	checkoutInfo.state	No
Stop Effectivity Propagation	effPropagationStop	No

Step 5: Go to Orgadmin user account (Chachar2_orgadmin) -> Product -> folder -> create new Part -> in New Part Page you can find the Dropdown list of States.

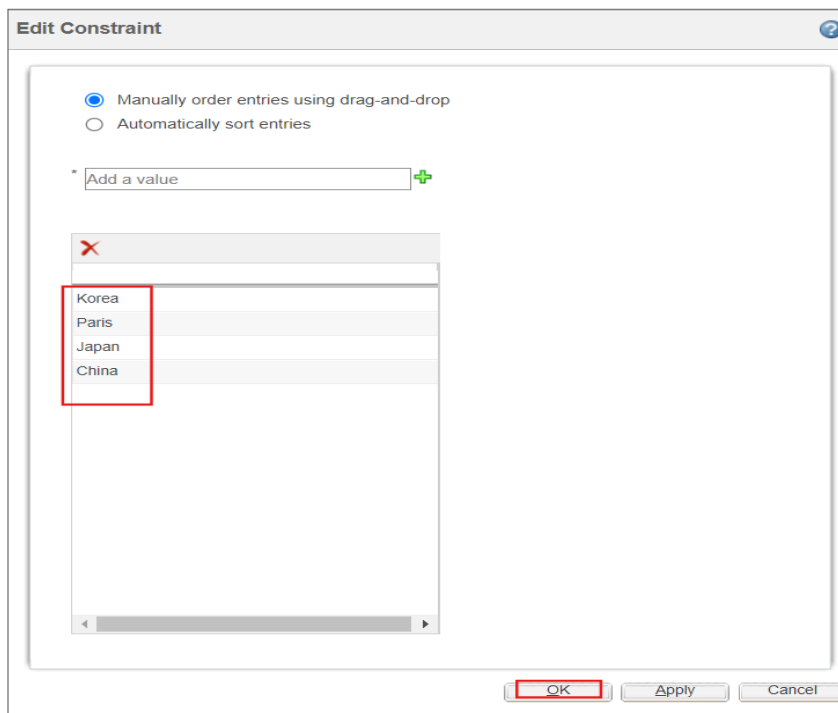
The screenshot shows the 'New Part' form. The 'Product' is 'product002' and the 'Type' is 'PLMBPart'. The 'Create as End Item' checkbox is checked. The 'Part Attributes' section is expanded, showing fields for 'Number', 'Name', 'Assembly Mode', 'Source', 'View', 'Default Trace Code', 'Default Unit', 'Gathering Part', 'Life Cycle Template', 'Team Template', 'Location', 'Country', 'States', 'External', 'IssueDate', and 'CountryOfOrigin'. The 'States' dropdown menu is open, showing a list of states: MH, Manipur, KA, KL, MP, CH1, CH2, USA1, and USA2. The 'Done' button is highlighted at the bottom right.

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

Step 1: Go back to Manage Type -> PLMBPart -> Under Attributes select CountryOfOrigin -> Add Constraints by clicking on Plus sign (+) -> Select Legal Value List in dropdown -> click on Ok.



Step 2: Then click on edit constraints & add the names mentioned in quest as Korea, Paris, Japan, and China -> click on ok.



Step 3: In below screenshot the Legal Value List gets added -> click on Done

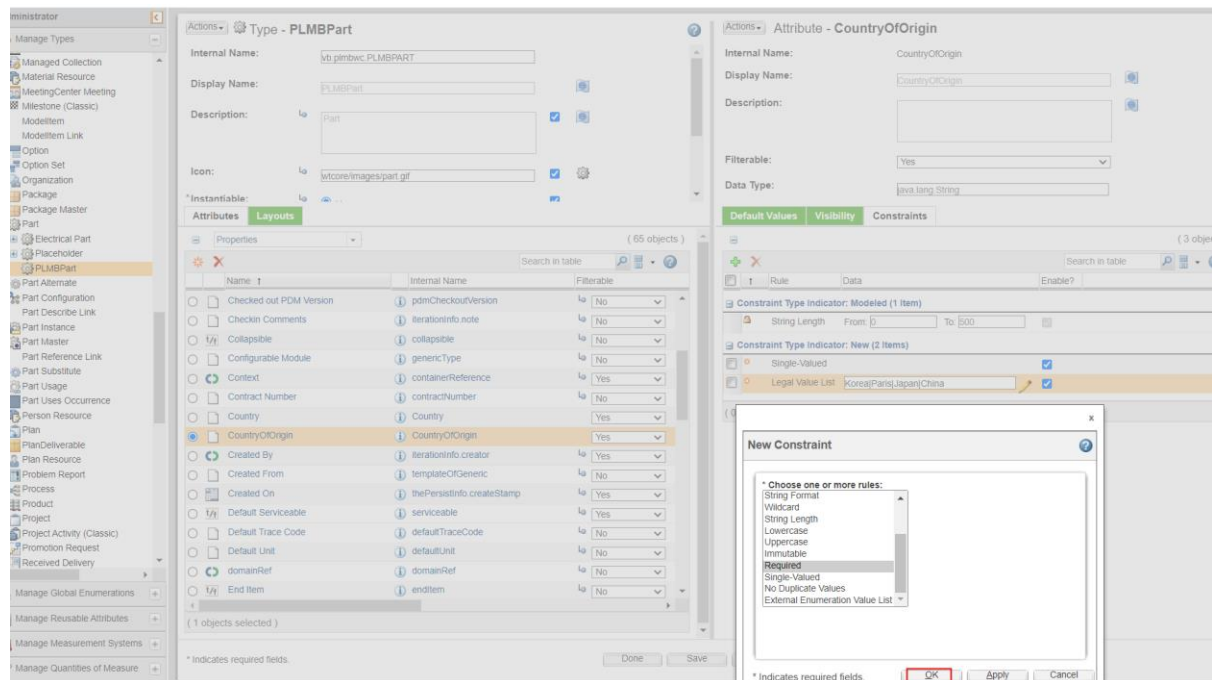
The screenshot shows the 'Type - PLMBPart' configuration window. The 'CountryOfOrigin' attribute is selected in the 'Attributes' list. The 'CountryOfOrigin' configuration panel on the right shows the 'Legal Value List' as 'Korea|Paris|Japan|China'. The 'Done' button is highlighted at the bottom.

Step 4: Go to Orgadmin user account (Chachar2_orgadmin) -> Product -> folder -> create new Part -> in New Part Page you can find the Dropdown list of CountryOfOrigin.

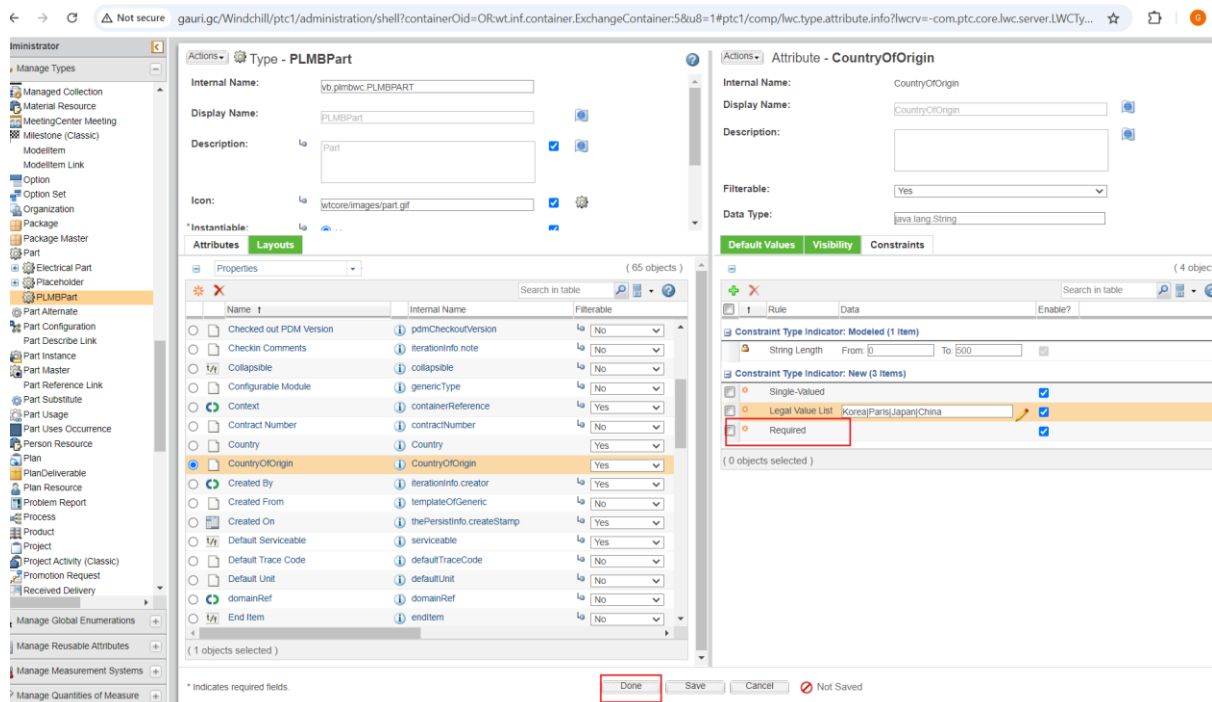
The 'New Part' form is shown with the 'CountryOfOrigin' dropdown menu open, displaying the options: Korea, Paris, Japan, and China. The form includes fields for Product, Type, Assembly Mode, Source, View, Default Trace Code, Default Unit, Gathering Part, Life Cycle Template, Team Template, Location, Country, States, External, IssueDate, and CountryOfOrigin.

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.

Step 1: Go to Manage Type -> PLMBPart -> Under Attributes select CountryOfOrigin -> Add Constraints by clicking on Plus sign (+) -> Select Required in dropdown list -> click on Ok.



In the below screenshot you will find the required list is added -> click on done.



Step 2: Go to Orgadmin user account (Chachar2_orgadmin) -> Product -> folder -> create new Part -> in New Part Page you can find the CountryOfOrigin is showing mandatory mark(*).

New Part - Google Chrome

Not secure gauri.gc/Windchill/ptc1/part/createPartWizard?revisionMode=create&showNewCADD...

New Part

Set Attributes

Product:
 * **Type:**
 * **Create as End Item:**

Part Attributes

Number:
 * **Name:**
 * **Assembly Mode:** Separable
 * **Source:** Make
View: Design
 * **Default Trace Code:** Untraced
 * **Default Unit:** each
 * **Gathering Part:** No
 * **Life Cycle Template:** (Generated)
Team Template: (Generated)
 * **Location:**
☐ Autoselect Folder (/product002)
☒ Select Folder /product002
Country: India
States: MH
External:
☒ Undefined
☐ Yes
☐ No
IssueDate: 2024-10-11
 * **CountryOfOrigin:**

☐ Create CAD Document
☐ Keep checked out after checkin

* Indicates required fields.

Back Next Finish Cancel

gauri.gc says

ATTENTION: Required information is missing

You must specify valid information for all required fields indicated by an asterisk (*).

OK

Step 3: Now filled all the attributes like Country, States, IssueDate & CountryOfOrigin -> click on finish.

Now View the part which is created newly & check all the Types of Attributes gets updated in that part, screenshot as below.

windchill Chachar2_orgadmin

Part, Document, CAD D... Search ...

Products > product002

Actions PLMBPart - 0000000102, Test, A.1 (Design)

Details Structure Related Objects Changes History Where Used Traceability New Tab 1

Visualization and Attributes | More Attributes

Visualization and Attributes

Name: Test
 Status: Checked In
 Modified By: Chachar2_orgadmin
 Last Modified: 2024-10-11 02:16 IST

General

Assembly Mode: Separable End Item: No
 Source: Make Default Unit: each
 Gathering Part: No Default Trace Code: Untraced

Type Attributes

Country: India
 CountryOfOrigin: Paris
 External:
 IssueDate: 2024-10-11 00:00 IST
 States: MH

System

State: In Training - Under Review - Implementation - Released - Canceled
 Context: product002 Location: /product002
 Life Cycle Template: Basic_Lifecycle Team Template: Organization name_Team
 Created By: Chachar2_orgadmin Modified By: Chachar2_orgadmin
 Created On: 2024-10-11 02:16 IST Last Modified: 2024-10-11 02:16 IST