

Assignment-4

1.1 create BASIC Life Cycle template

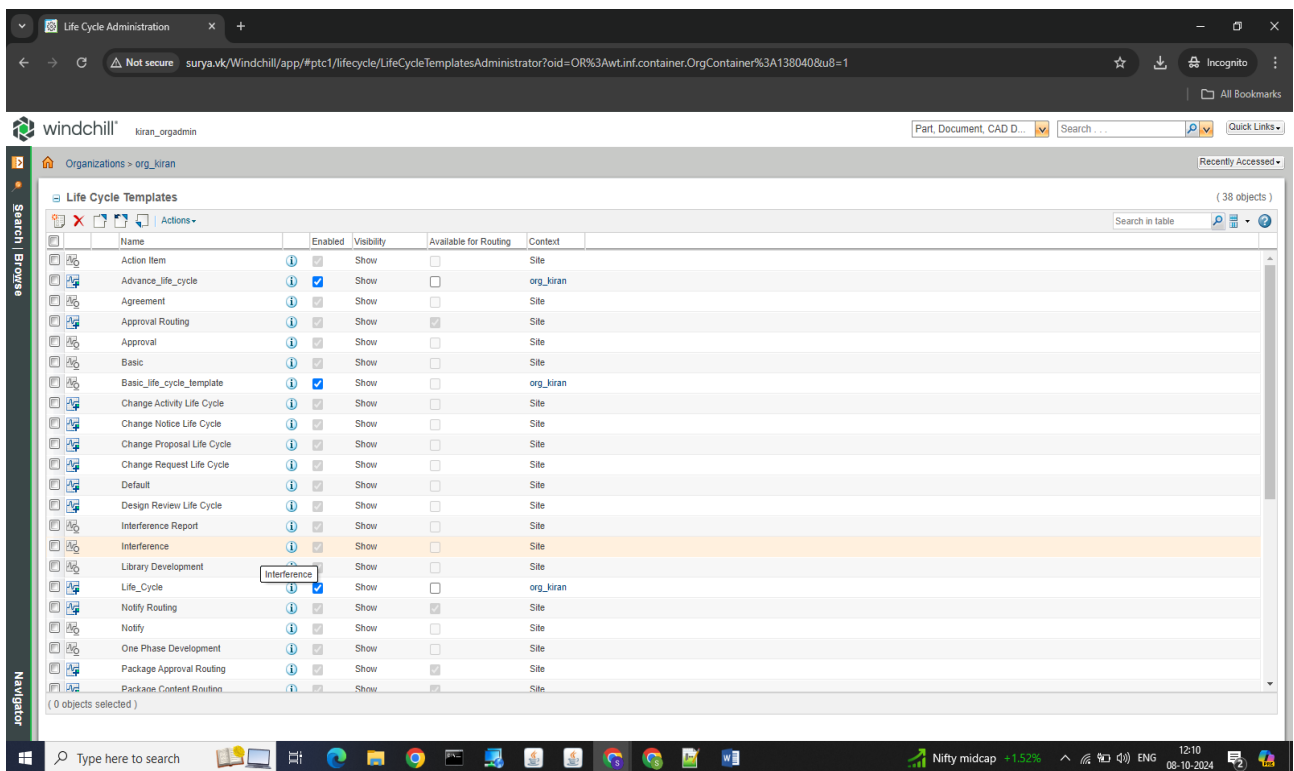
1.2 Advance Life Cycle template with the Workflow.

Steps:

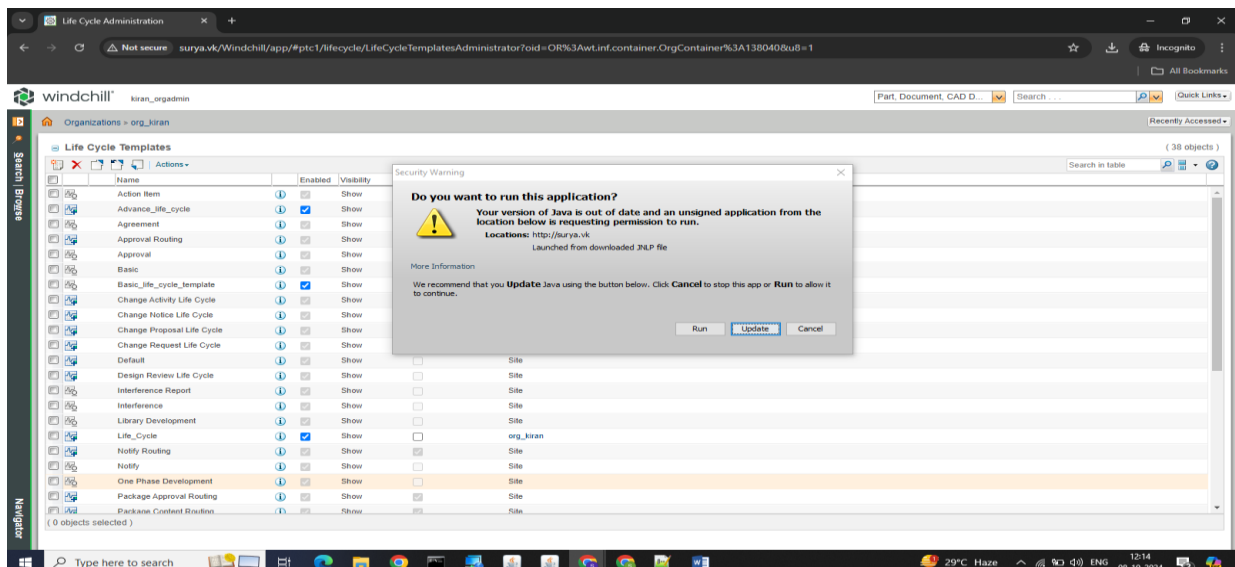
Step1: login as org admin.(localhost/windchill->kiran_orgadmin)

Step2: go to org->choose organization name->utilities->business Administration-> Lifecycle template.

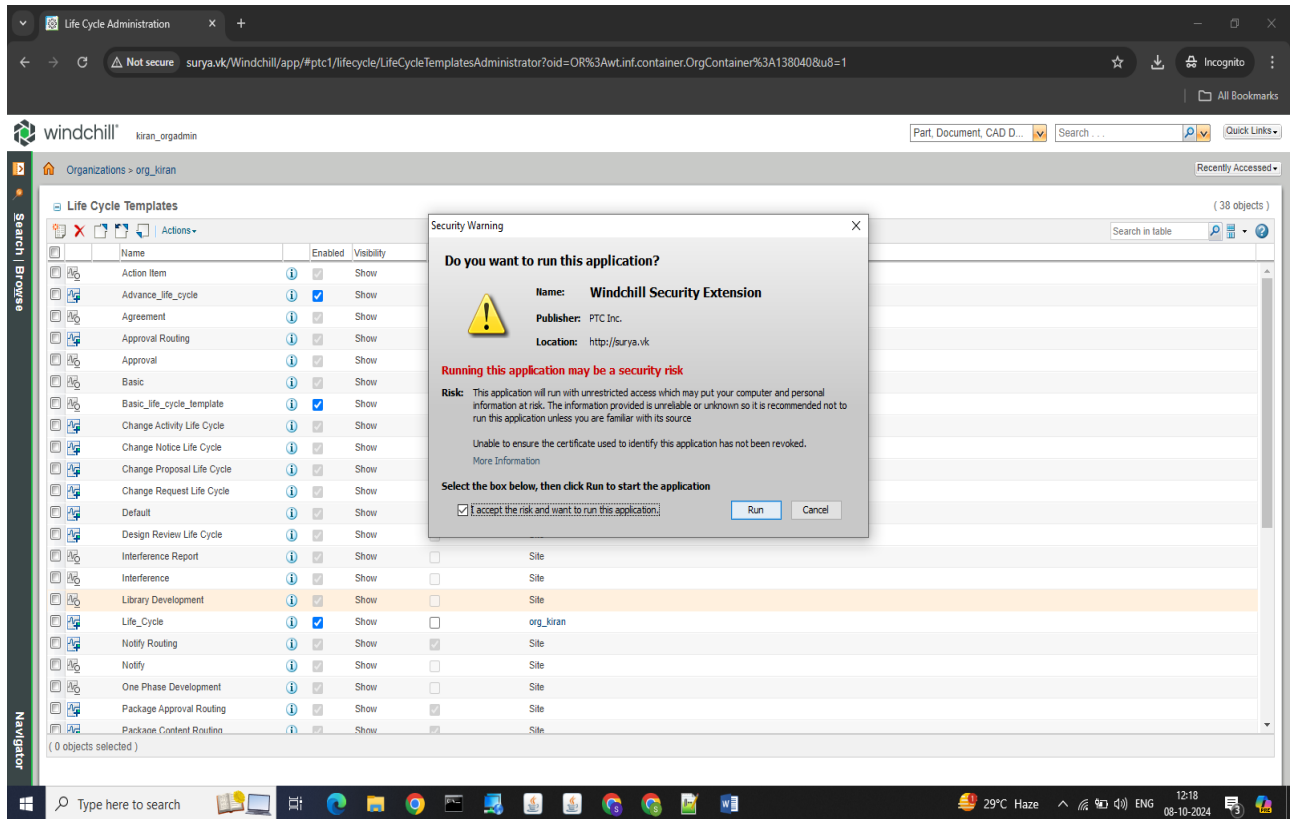
Step3: choose new template (left top corner)



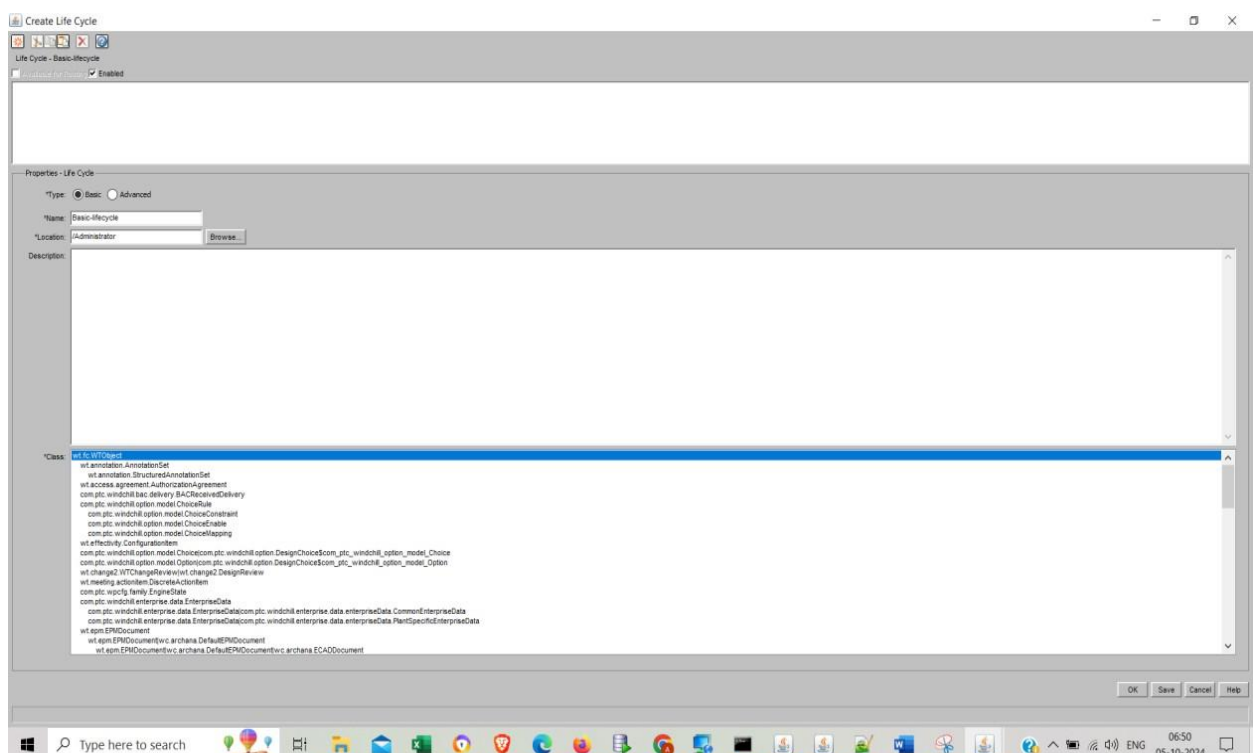
Step4: pop up one dialogue box like this choose Run



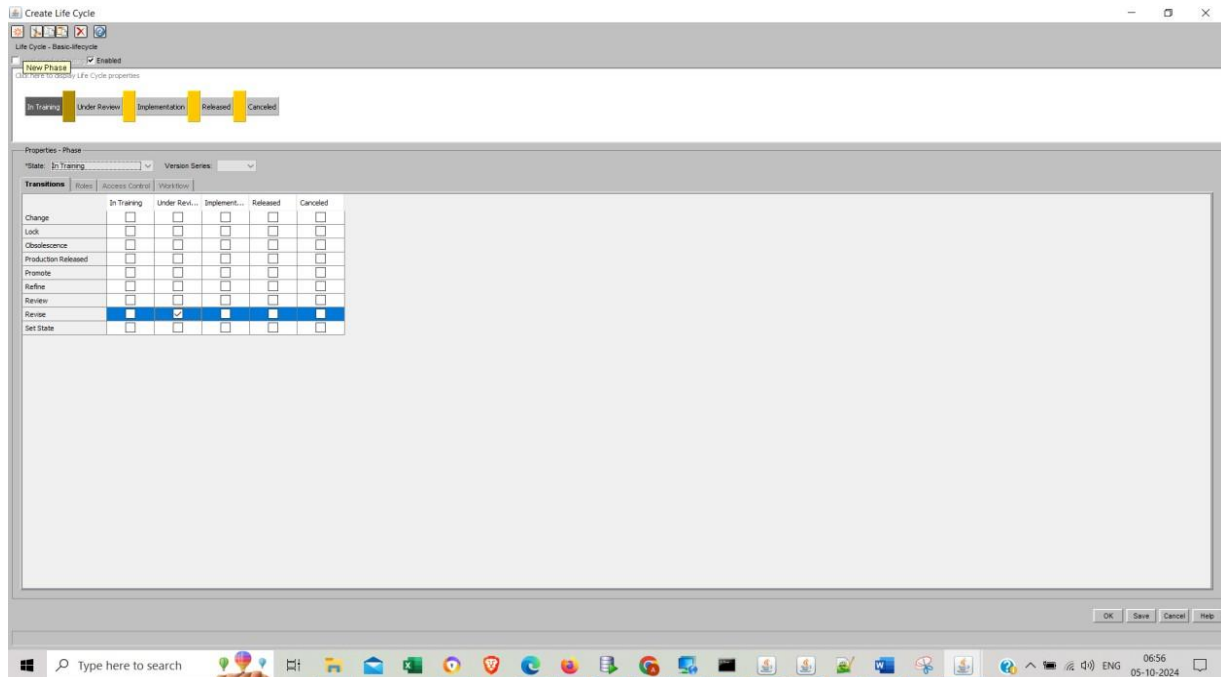
Step5: select checkbox and click on **Run**.



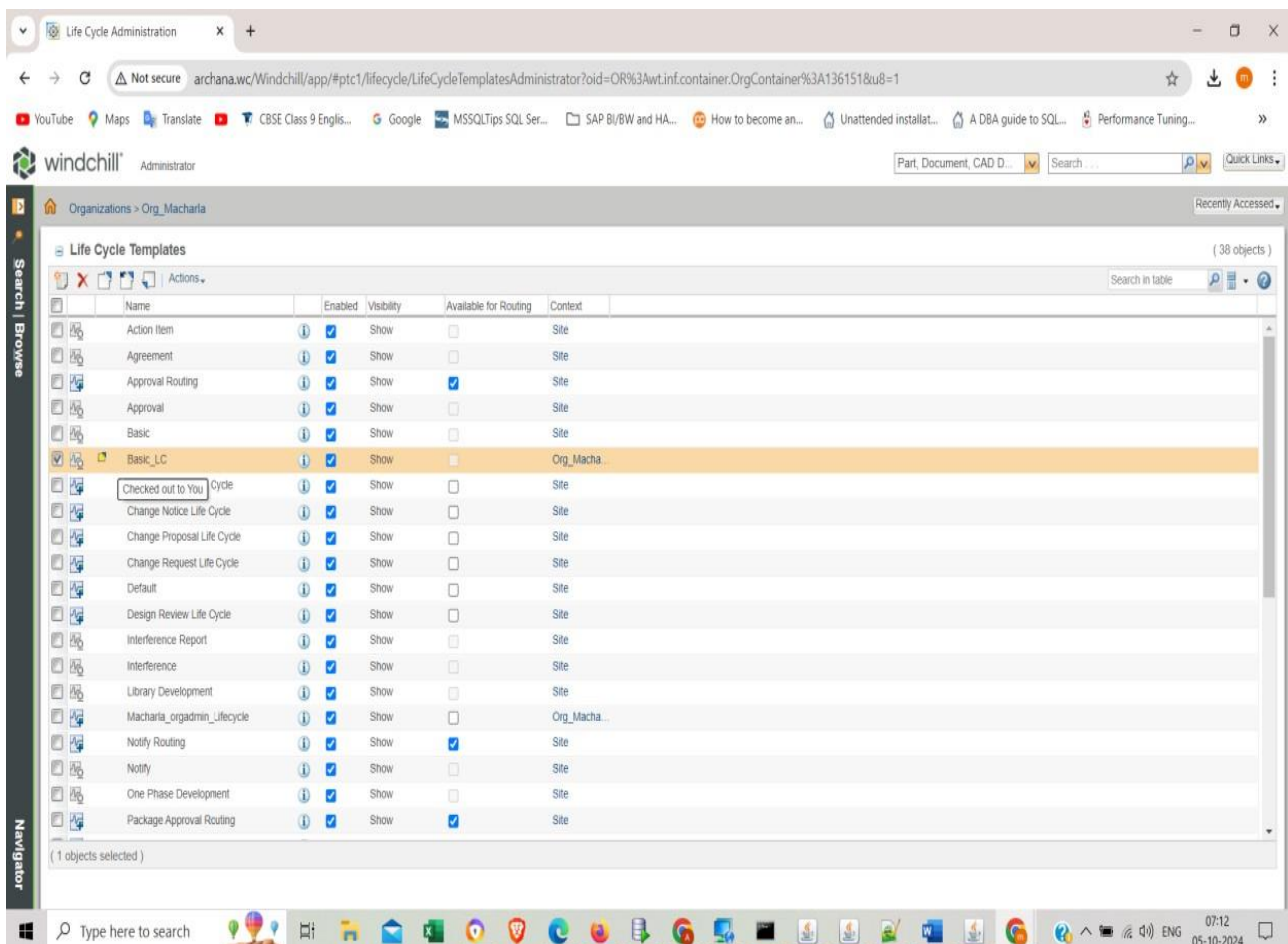
Step6: open the lifecycle window like this, choose **Basic** and give required name (remember this name for further reference (OIR)).



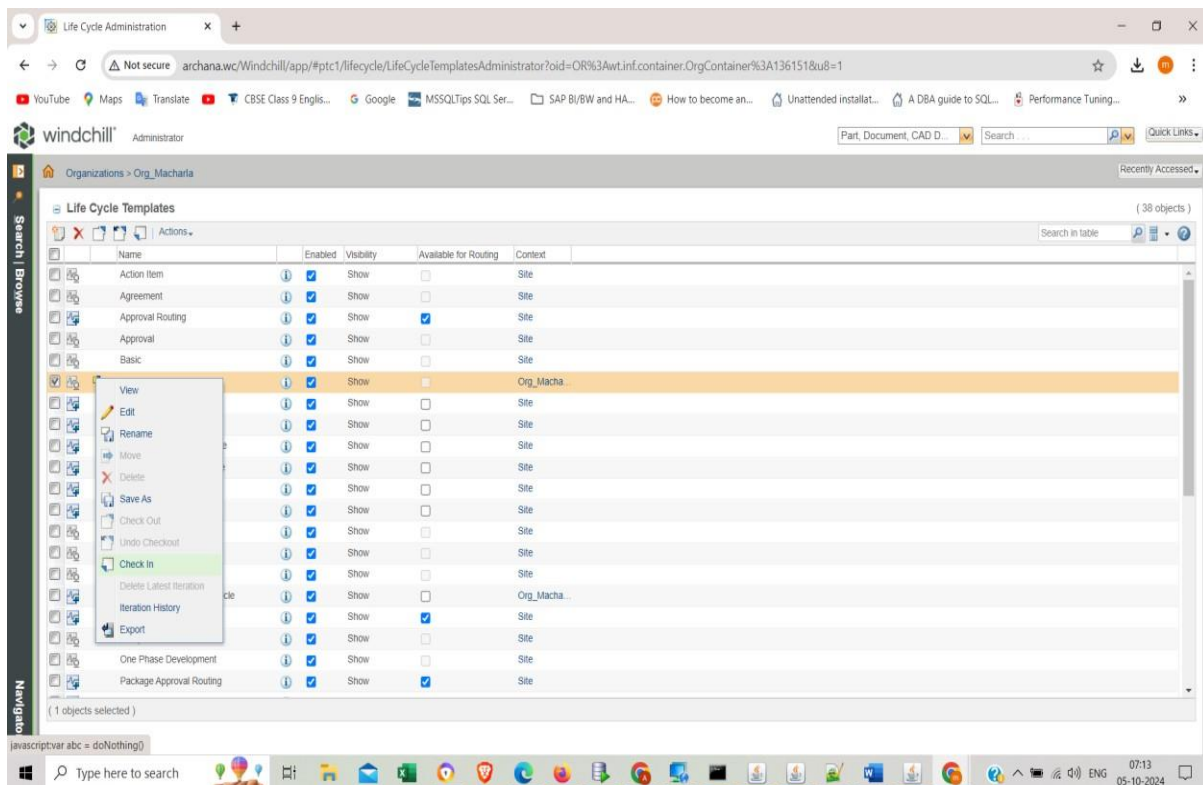
Step6: create phases based on the organization requirement and choose the check boxes depends on the needs of a lifecycle-> click on **save**.



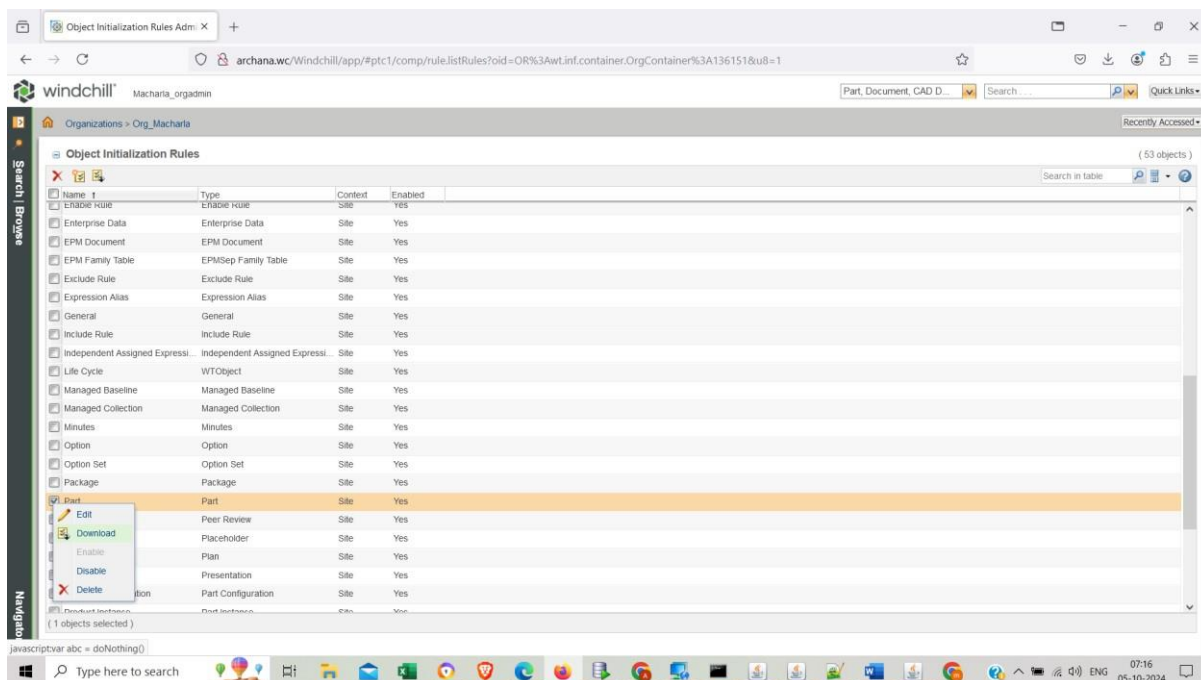
Step7: do refresh and the name appears here



Step8: click on **check in** and give **ok**



Step9: go to OIR as a org admin(orgname->utility->object initialization rule and r/c ->download **part** object).



Step10: change lifecycle name (same as we gave in lifecycle while creating basic lifecycle) in part IOR and save the OIR. (better to take backup OIR)

```

<!-- set the folder -->
<AttrValue id="folder.id" algorithm="com.ptc.core.foundation.folder.server.impl.FolderPathAttributeAlgorithm">
  <Arg><Default/>
</AttrValue>

<!-- set the lifecycle -->
<AttrValue id="lifecycle.id" algorithm="com.ptc.core.foundation.lifecycle.server.impl.LifecycleTemplateAttributeAlgorithm">
  <Arg>
    <!-- Translation of the word "Basic" must be the same as the translation done in commonLifeCycles.xml -->
    <?loc-begin key="BASIC_LIFECYCLE_NAME" maxLen="30" match="commonLifeCycles.xml:BASIC_LIFECYCLE_NAME"?Basic_Tc</loc-end?>
  </Arg>
</AttrValue>

<!-- set the team template -->
<AttrValue id="teamTemplate.id" algorithm="com.ptc.core.foundation.team.server.impl.TeamTemplateAttributeAlgorithm">
  <Arg><Default/>
</AttrValue>

<!-- set the number to a generated number -->
<AttrValue id="number" algorithm="com.ptc.windchill.enterprise.revisionControlled.server.impl.NumberGenerator">
  <!-- add a V prefix for variant parts -->
  <Value algorithm="wt.rule.algorithm.BooleanBranch">
    <Value algorithm="wt.rule.algorithm.EqualsTest">
      <Attr id="genericType"/>
    </Value>
    <Arg><V/>
    <Arg></Arg>
  </Value>
  <!-- the sequence -->
  <Arg>{GEN:wt.enterprise.SequenceGenerator:WTPARTTD_seq:10:0}</Arg>
</AttrValue>

<!-- set the version info to a generated version info -->
<AttrValue id="MAVersionInfo" algorithm="com.ptc.core.foundation.vc.server.impl.VersionInfoGenerator">
  <Arg>wt.series.HarvardSeries</Arg>
</AttrValue>

<!-- name of variant parts -->
<AttrValue id="name" algorithm="wt.rule.algorithm.BooleanBranch">
  <Value algorithm="wt.rule.algorithm.EqualsTest">

```

Strp11: go to OIR and choose create new object rule

Object Initialization Rules (53 objects)

Name	Type	Context	Enabled
Action Item	Action Item	Site	Yes
Agenda	Agenda	Site	Yes
Agreement	Agreement	Site	Yes
Analysis Activity	Analysis Activity	Site	Yes
Assignment_part	Part	Site	Yes
Change Activity	Change Task	Site	Yes
Change Directive	Change Directive	Site	Yes
Change Investigation	Change Investigation	Site	Yes
Change Issue	Problem Report	Site	Yes
Change Notice	Change Notice	Site	Yes
Change Proposal	Change Proposal	Site	Yes
Change Request	Change Request	Site	Yes
Change Review	Review	Site	Yes
Choice	Choice	Site	Yes
Choice Rule	Conditional Rule	Site	Yes
Configuration Context	Configuration Context	Site	Yes
Delivery Record	Delivery	Site	Yes
Design Review	Design Review	Site	Yes
Document	Document	Site	Yes
DrawingSet	Work Set	Site	Yes
ECAD Document	ECAD Document	Site	Yes
Electrical Part	Electrical Part	Site	Yes

Step12: browse relevant OIR .xml file and give appropriate name ->ok

The screenshot shows the Windchill Object Initialization Rules Admin interface. A dialog box titled 'Edit Object Initialization Rule' is open, displaying the 'Attributes' section. The 'Name' field is set to 'p11', the 'Type' is 'Part', and the 'XML File' field has a 'Choose File' button. The background shows a table of Object Initialization Rules with columns: Name, Type, Context, and Enabled. The rule 'p11' is highlighted in the table.

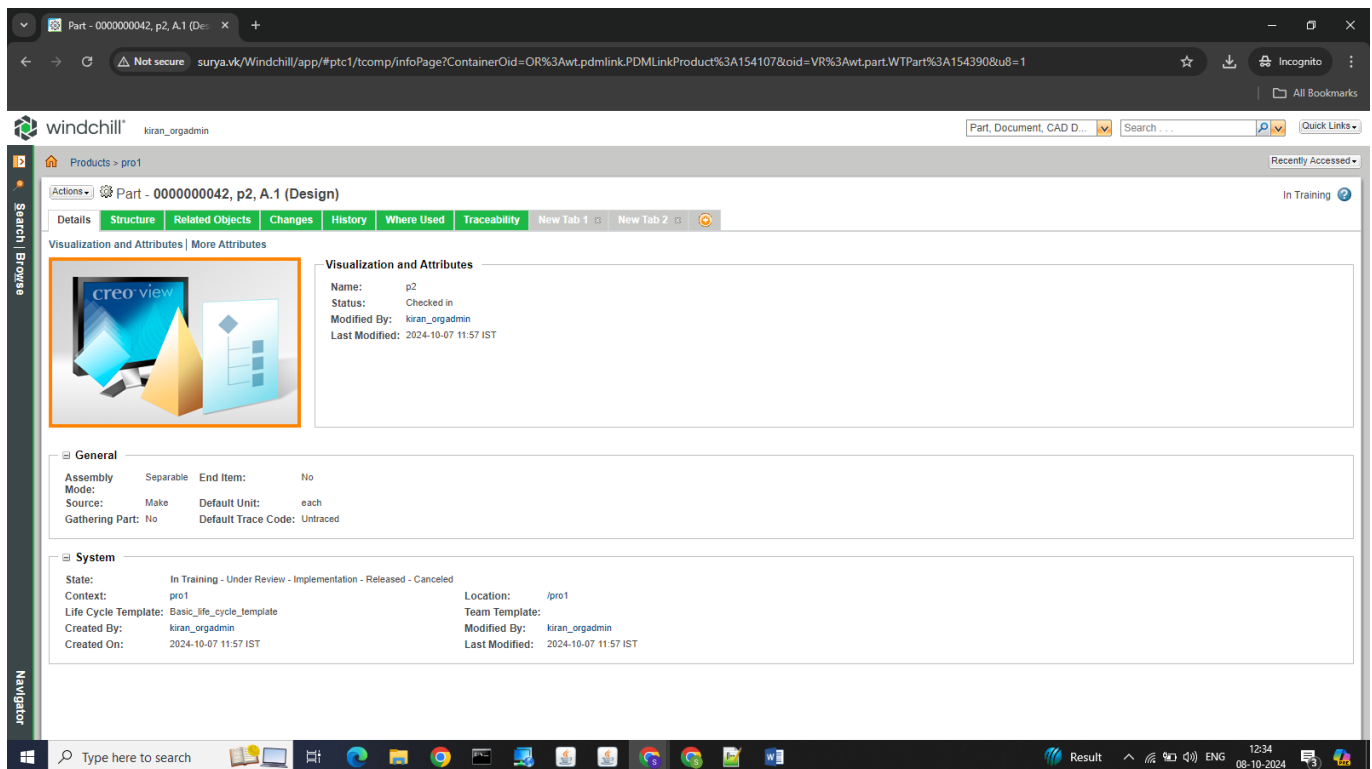
Name	Type	Context	Enabled
Life Cycle	Life Cycle	Site	Yes
Managed Baseline	Managed Baseline	Site	Yes
Managed Collection	Managed Collection	Site	Yes
Minutes	Minutes	Site	Yes
Option	Option	Site	Yes
Option Set	Option Set	Site	Yes
p11	Part	org_kiran	Yes
Package	Package	Site	Yes
Peer Review	Peer Review	Site	Yes
Placeholder	Placeholder	Site	Yes
Plan	Plan	Site	Yes
Presentation	Presentation	Site	Yes
Product Configuration	Part Configuration	Site	Yes
Product Instance	Part Instance	Site	Yes
Promotion Request	Promotion Request	Site	Yes
Received Delivery	Received Delivery	Site	Yes
Replication Package	Replication Package	Site	Yes
Requirement	Requirement	Site	Yes
Specification	Abstract Specification	Site	Yes
Technical Data Pack...	Technical Data Pack...	Site	Yes
Variance	Variance	Site	Yes
Variant Spec	Variant Specification	Site	Yes

Step11: after do refresh the new part OIR appears here

The screenshot shows the Windchill Object Initialization Rules Admin interface after a refresh. The table of Object Initialization Rules now includes the new rule 'p11'. The rule 'p11' is highlighted in the table.

Name	Type	Context	Enabled
Life Cycle	Life Cycle	Site	Yes
Managed Baseline	Managed Baseline	Site	Yes
Managed Collection	Managed Collection	Site	Yes
Minutes	Minutes	Site	Yes
Option	Option	Site	Yes
Option Set	Option Set	Site	Yes
p11	Part	org_kiran	Yes
Package	Package	Site	Yes
Peer Review	Peer Review	Site	Yes
Placeholder	Placeholder	Site	Yes
Plan	Plan	Site	Yes
Presentation	Presentation	Site	Yes
Product Configuration	Part Configuration	Site	Yes
Product Instance	Part Instance	Site	Yes
Promotion Request	Promotion Request	Site	Yes
Received Delivery	Received Delivery	Site	Yes
Replication Package	Replication Package	Site	Yes
Requirement	Requirement	Site	Yes
Specification	Abstract Specification	Site	Yes
Technical Data Pack...	Technical Data Pack...	Site	Yes
Variance	Variance	Site	Yes
Variant Spec	Variant Specification	Site	Yes

Step12: login as a product user or go to product->folders-> create new part. And observe the lifecycle name and status changed as per our requirement.

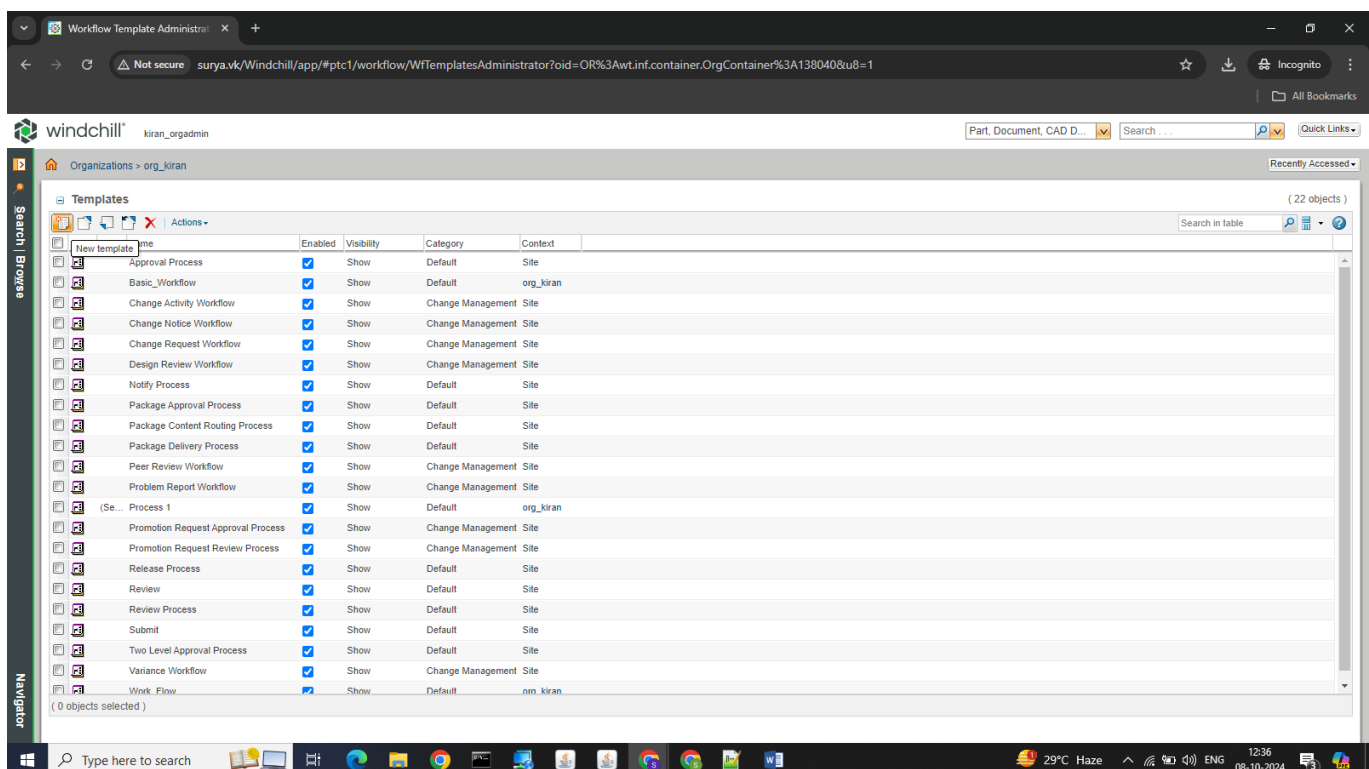


1.2: create workflow lifecycle template:

Step1: login as a org admin.(localhost/windchill->kiran_orgadmin)

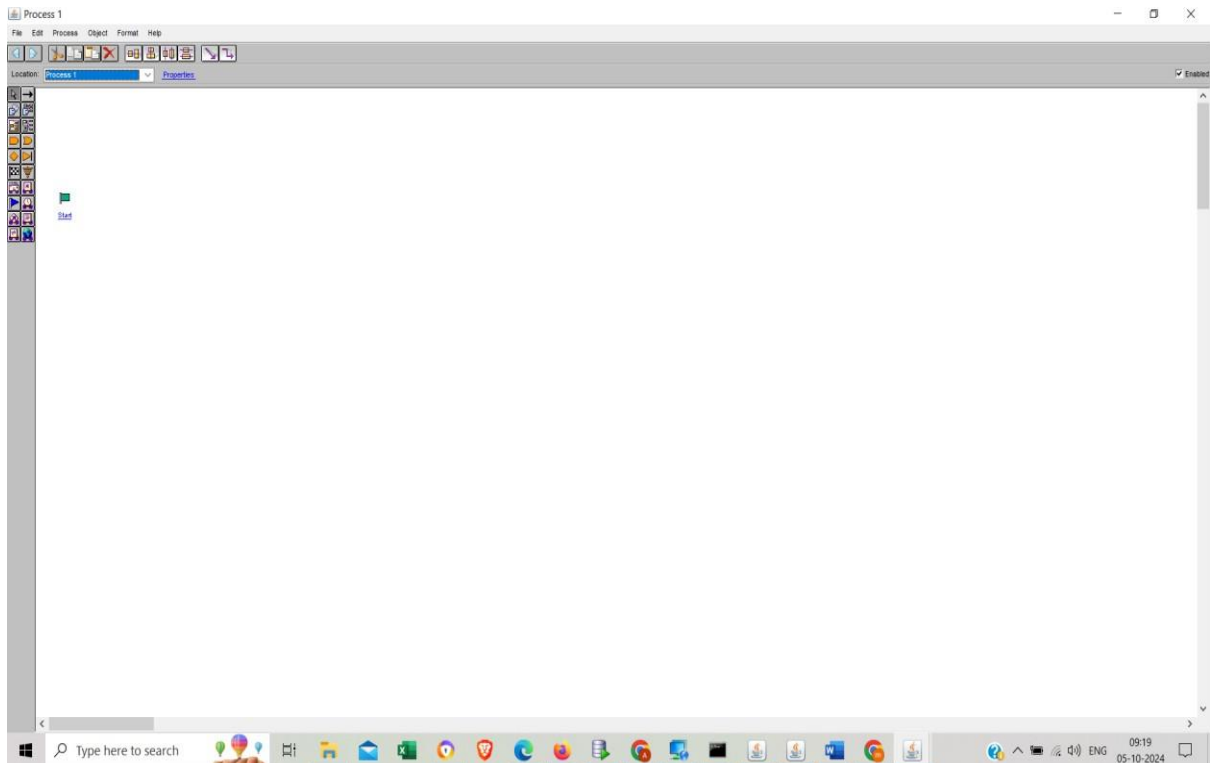
Step2: go to org->choose organization name->utilities->business Administration-> workflow template administration.

Step3: select new template

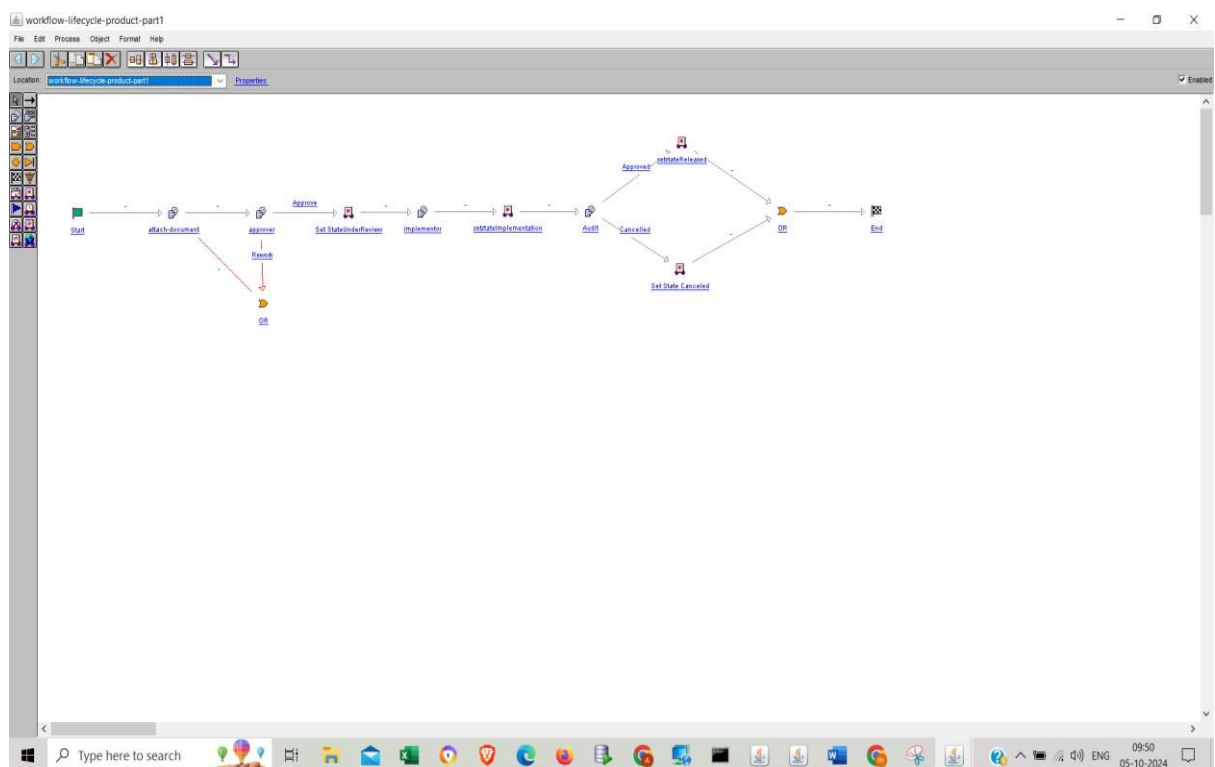


Step4: follow steps same as the above 1.1 (step4 and step5)

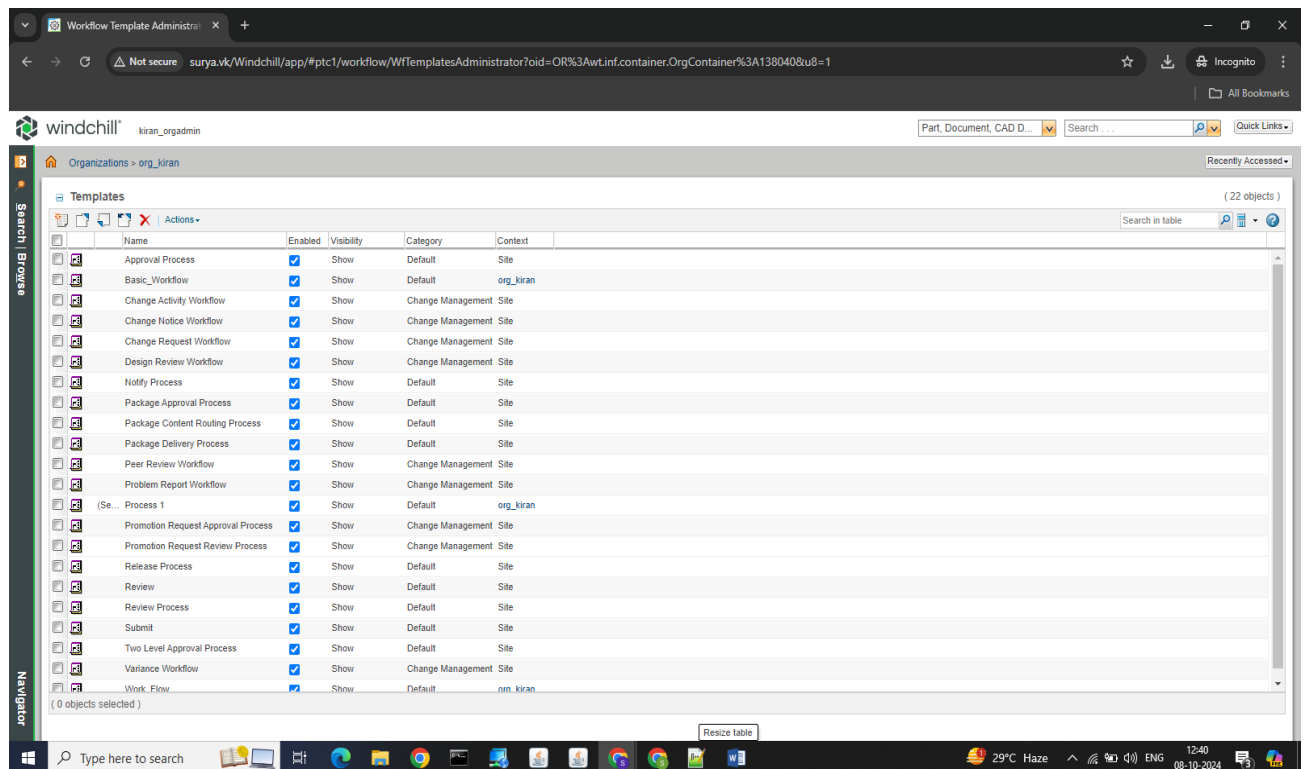
Step5: the window appears as shown in the below



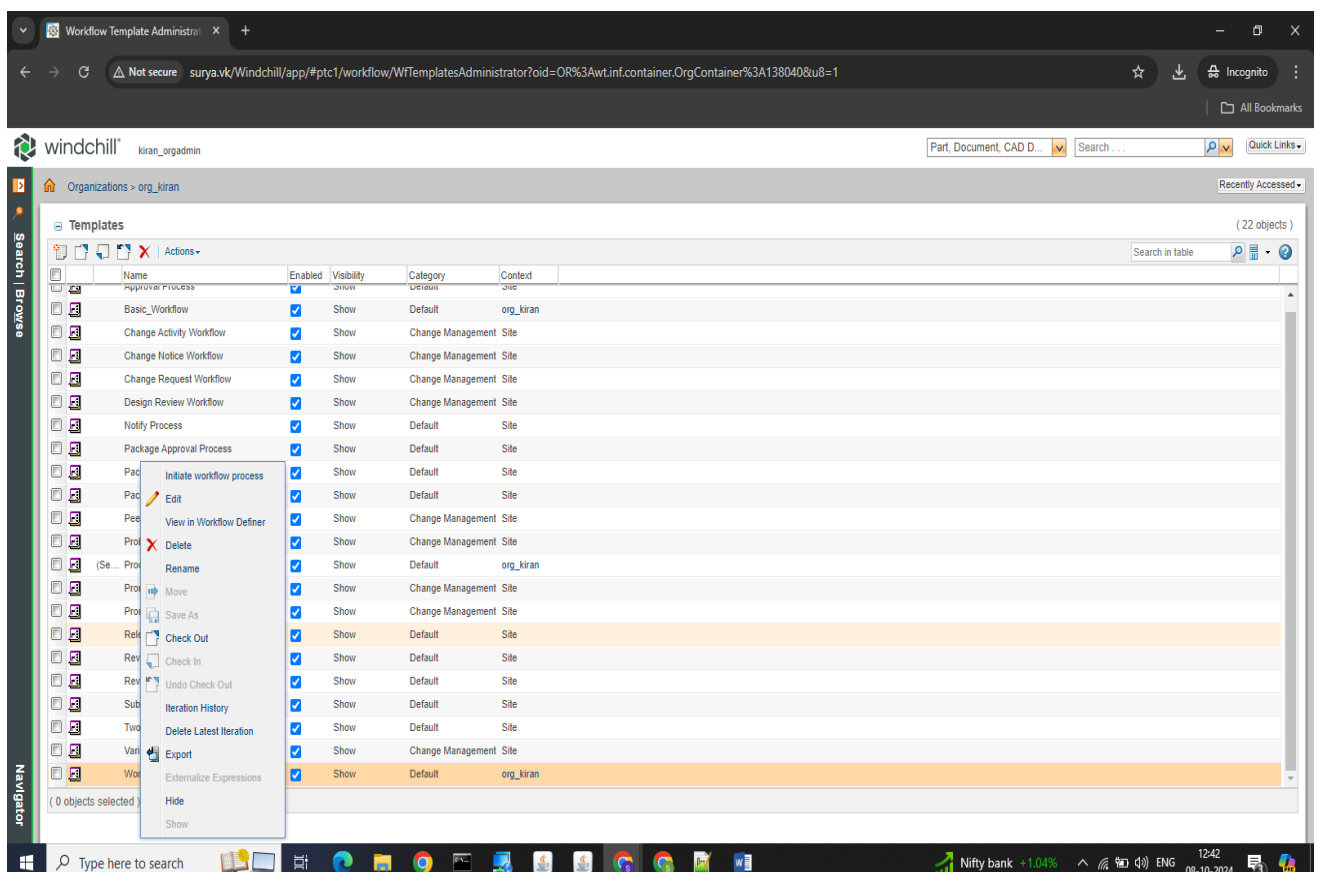
Step6: create work flow based on organization requirements and save with related name.



Step7: go to utility->workflow template do refresh. Here we observe the name which we created the workflow just before.

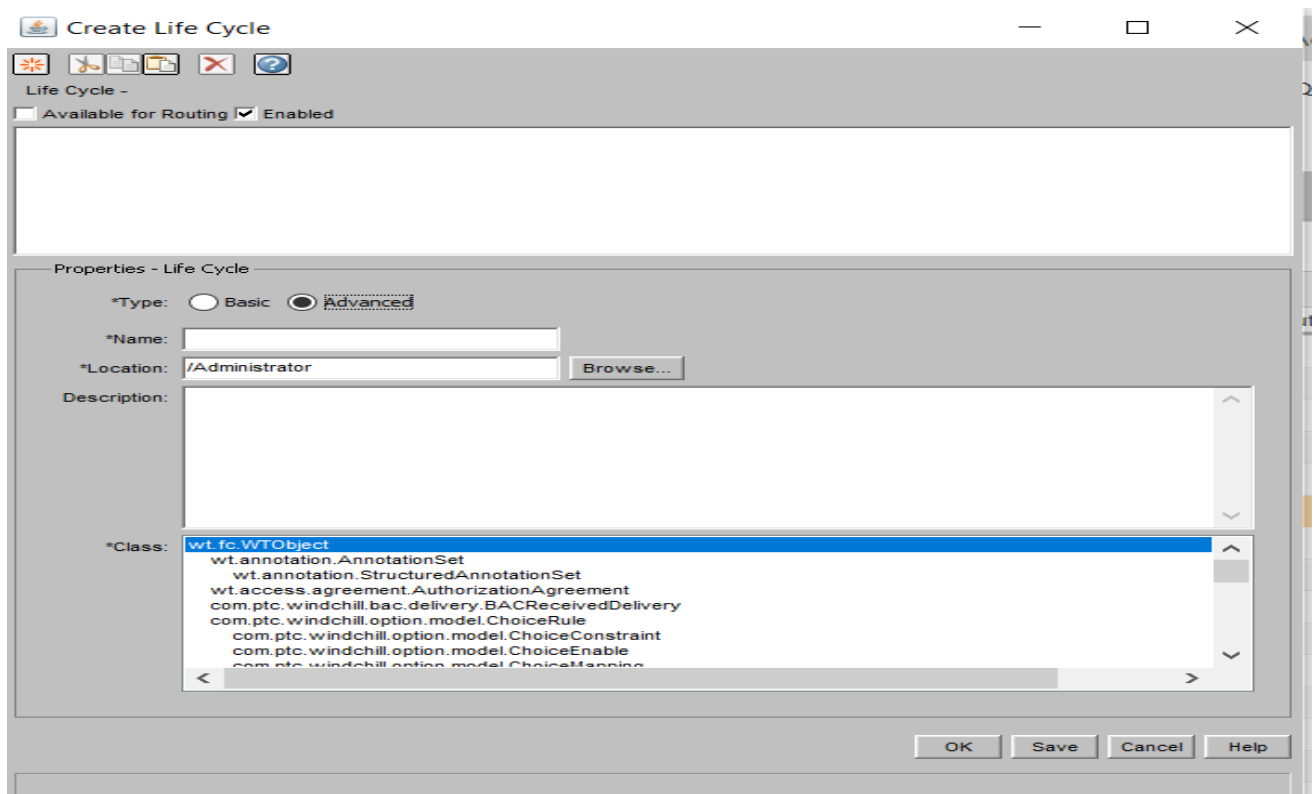


Step8: go to utility->lifecycle management template-> choose appropriate name->r/c->choose edit



Step9: follow steps 1.1 (step4 and step5)

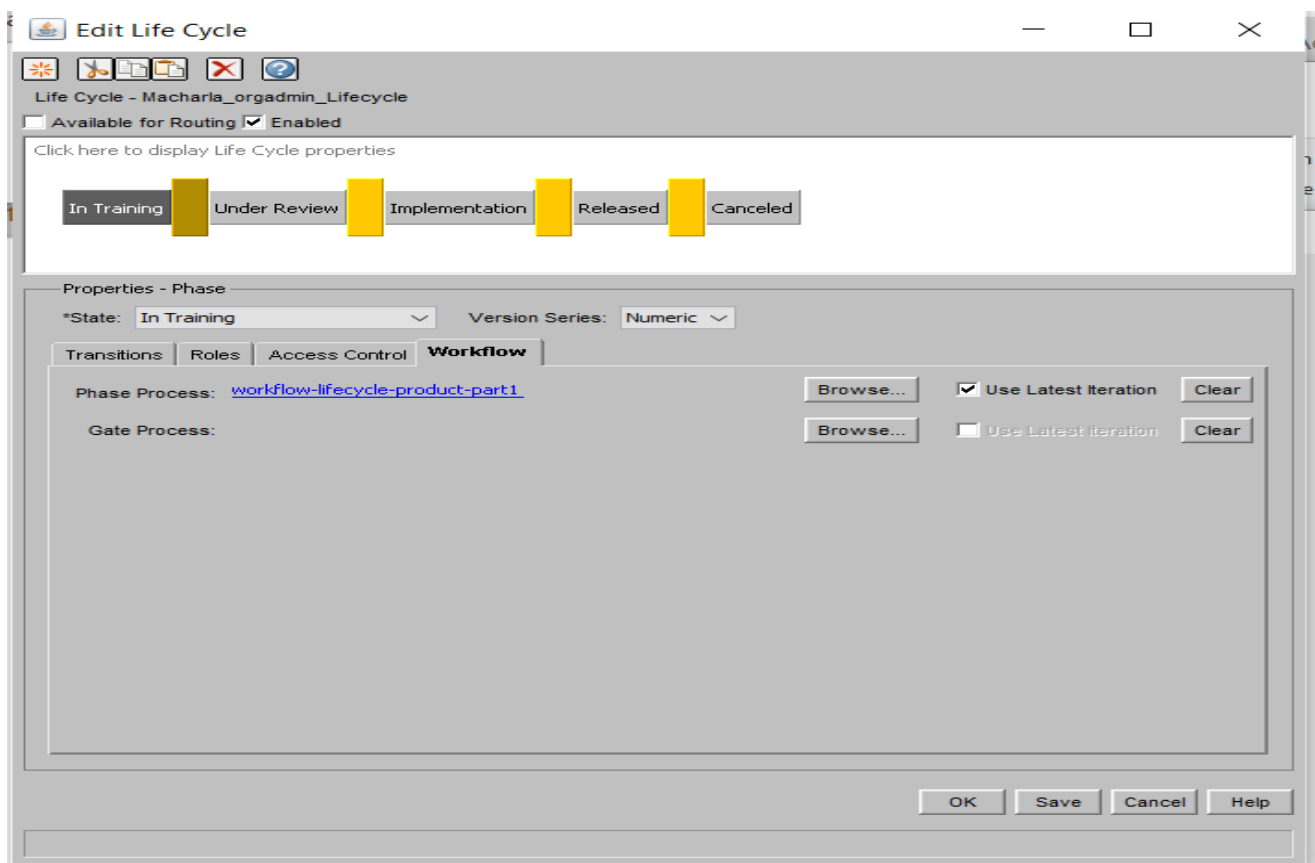
Step10. choose **Advanced**



The 'Create Life Cycle' dialog box is shown. It has a title bar with standard window controls. Below the title bar is a toolbar with icons for creating, editing, deleting, and help. The main area is divided into two sections. The top section is labeled 'Life Cycle -' and contains two checkboxes: 'Available for Routing' (unchecked) and 'Enabled' (checked). The bottom section is labeled 'Properties - Life Cycle' and contains several fields: '*Type:' with radio buttons for 'Basic' and 'Advanced' (selected); '*Name:' with an empty text box; '*Location:' with the text '/Administrator' and a 'Browse...' button; 'Description:' with a large empty text area; and '*Class:' with a list box containing several class names, with 'wt.fc.WTObject' selected. At the bottom right are buttons for 'OK', 'Save', 'Cancel', and 'Help'.

Step11: click on **In training** ->Choose **work flow** and browse created workflow, select latest iteration-

>save



The 'Edit Life Cycle' dialog box is shown. It has a title bar with standard window controls. Below the title bar is a toolbar with icons for creating, editing, deleting, and help. The main area is divided into two sections. The top section is labeled 'Life Cycle - Macharia_orgadmin_Lifecycle' and contains two checkboxes: 'Available for Routing' (unchecked) and 'Enabled' (checked). Below these is a text box with the instruction 'Click here to display Life Cycle properties'. Below the text box is a horizontal bar with five buttons: 'In Training' (highlighted in yellow), 'Under Review' (highlighted in yellow), 'Implementation' (highlighted in yellow), 'Released' (highlighted in yellow), and 'Canceled'. The bottom section is labeled 'Properties - Phase' and contains several fields: '*State:' with a dropdown menu set to 'In Training'; 'Version Series:' with a dropdown menu set to 'Numeric'; 'Transitions' (disabled), 'Roles' (disabled), 'Access Control' (disabled), and 'Workflow' (active). The 'Workflow' section contains two rows: 'Phase Process:' with a text box containing 'workflow-lifecycle-product-part1', a 'Browse...' button, a checked 'Use Latest Iteration' checkbox, and a 'Clear' button; and 'Gate Process:' with a text box, a 'Browse...' button, an unchecked 'Use Latest Iteration' checkbox, and a 'Clear' button. At the bottom right are buttons for 'OK', 'Save', 'Cancel', and 'Help'.

Step12: org->utility->lifecycle template -> do refresh -> observe the appropriate name of lifecycle just we created before.

Step13: Login as a product user (or in **org** ->products->folders-> create new part) choose product name->folders->create new part

Step14: observe what we did in the lifecycle work flow. Click on a New tab->customize->history->routing/process history. As shown below

Part - 0000000063, p22, A.1 (Design)

Routing/Process History

Name	Version	Status	Initiated By	Date Started	Date Completed
Work_Flow_0000000063, p22, A.1 (Design) A.1 (Design)		Running	kiran_organ...	2024-10-08 11:38 L...	

Process Status

Name	Assignee	Role	Vote	Comments	Completed By	Due Date	Date Completed
reviewpart	kiran_organ...	Designer					

Task History

Name	Original Assignee	New Assignee	Action	Performed By	Reason for Action	Performed On
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