

## Assignment-4

1.1 create BASIC Life Cycle template

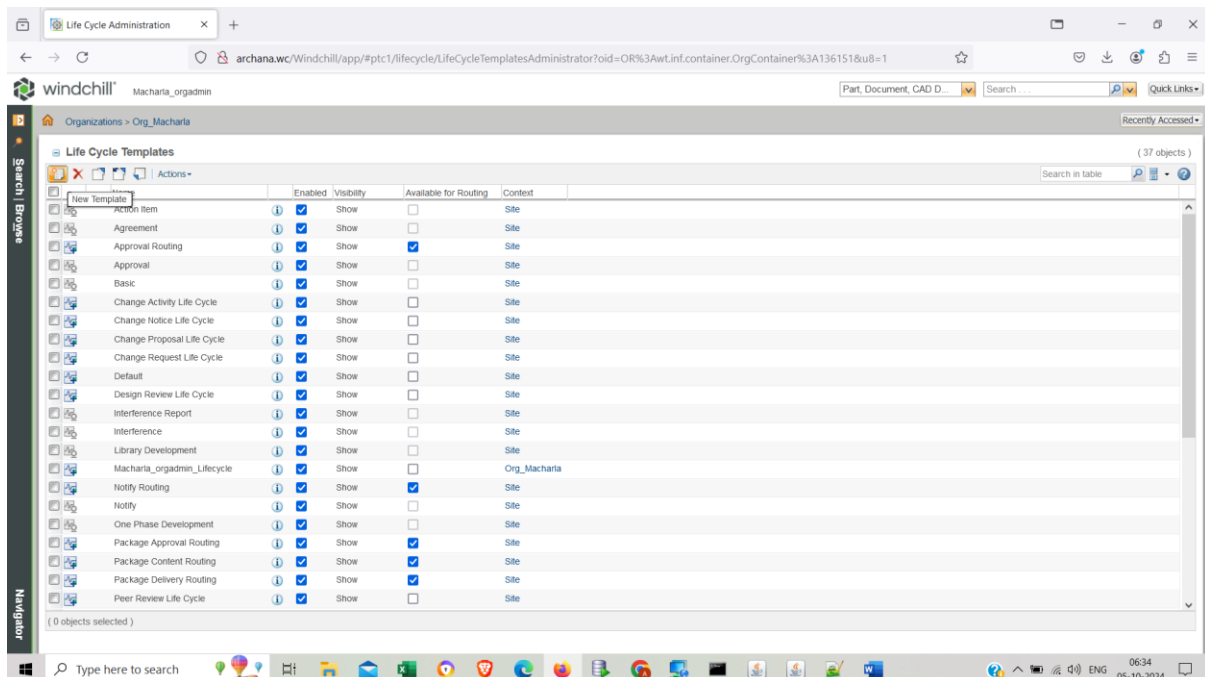
1.2 Advance Life Cycle template with the Workflow.

Steps:

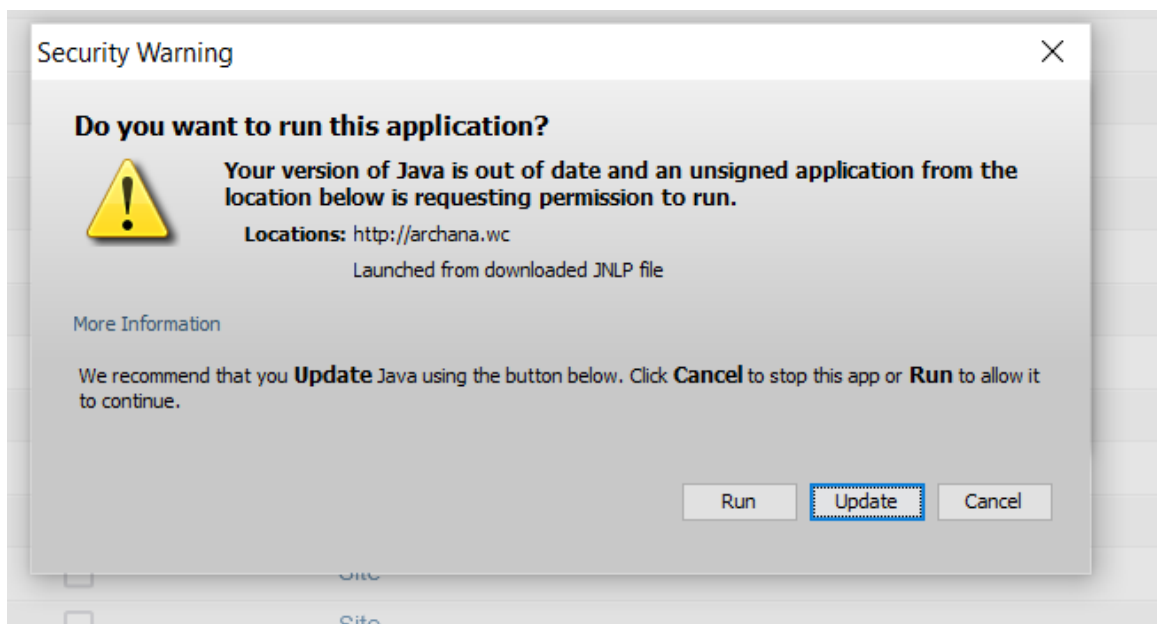
Step1: login as org admin.(localhost/windchill->Macharla\_orgadmin)

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

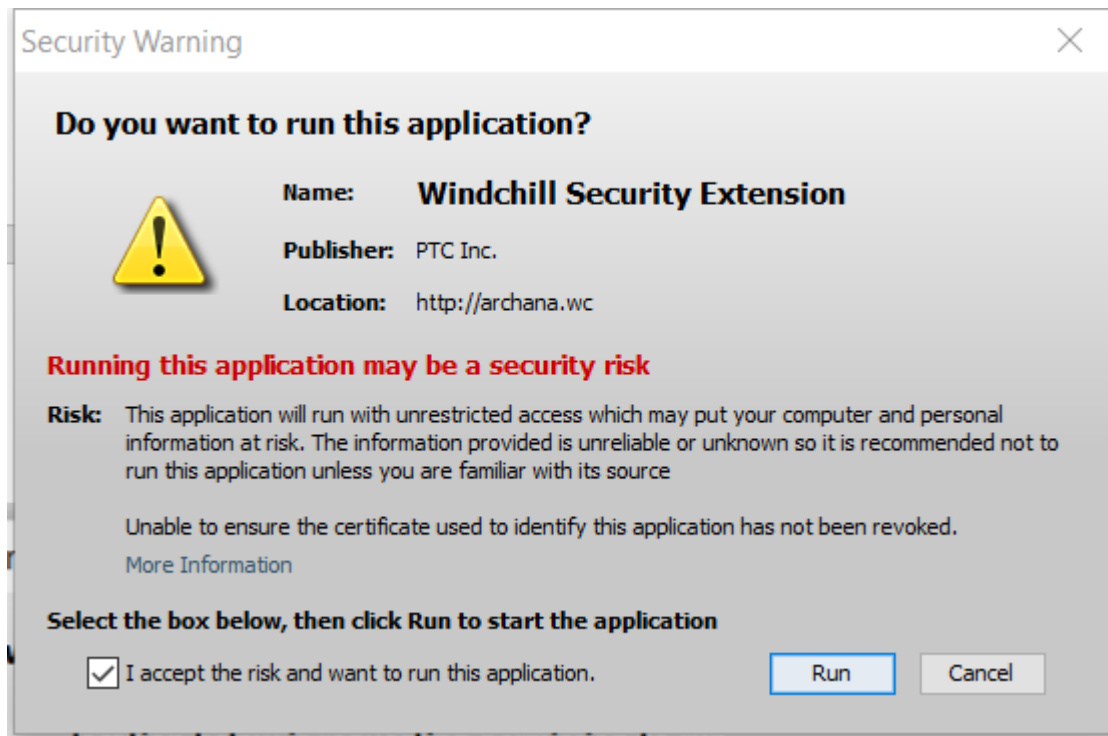
Step3: choose new template (left top corner)



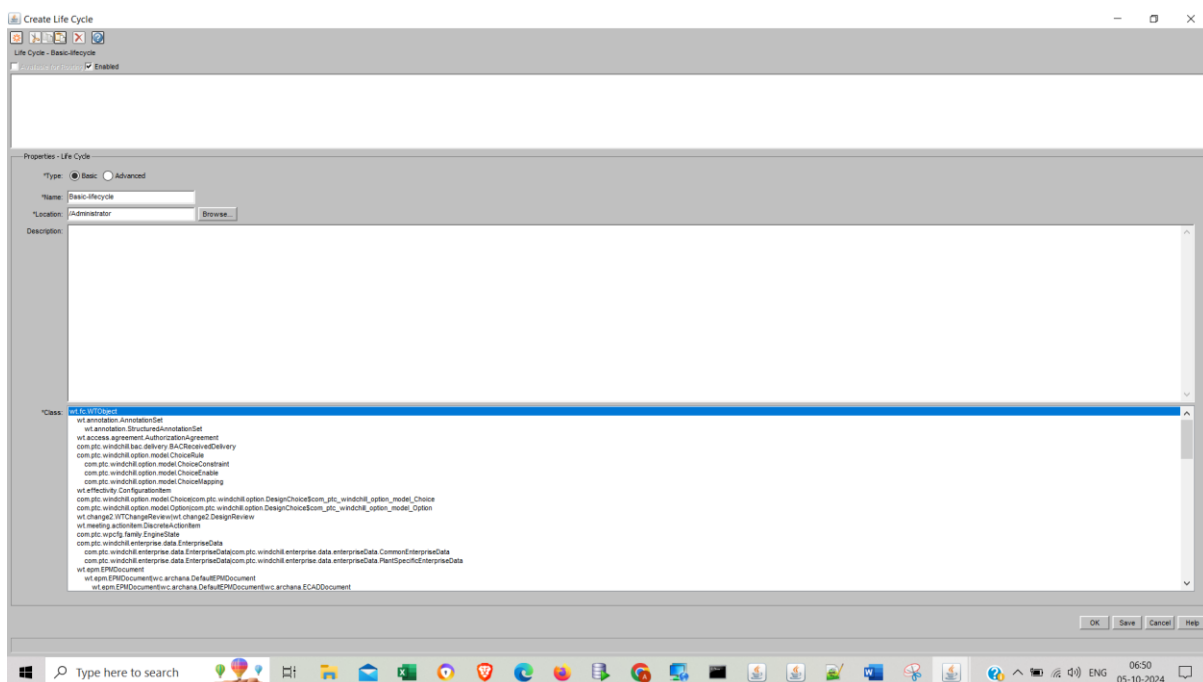
Step4: popup one dialogue box like this. Choose **Run**



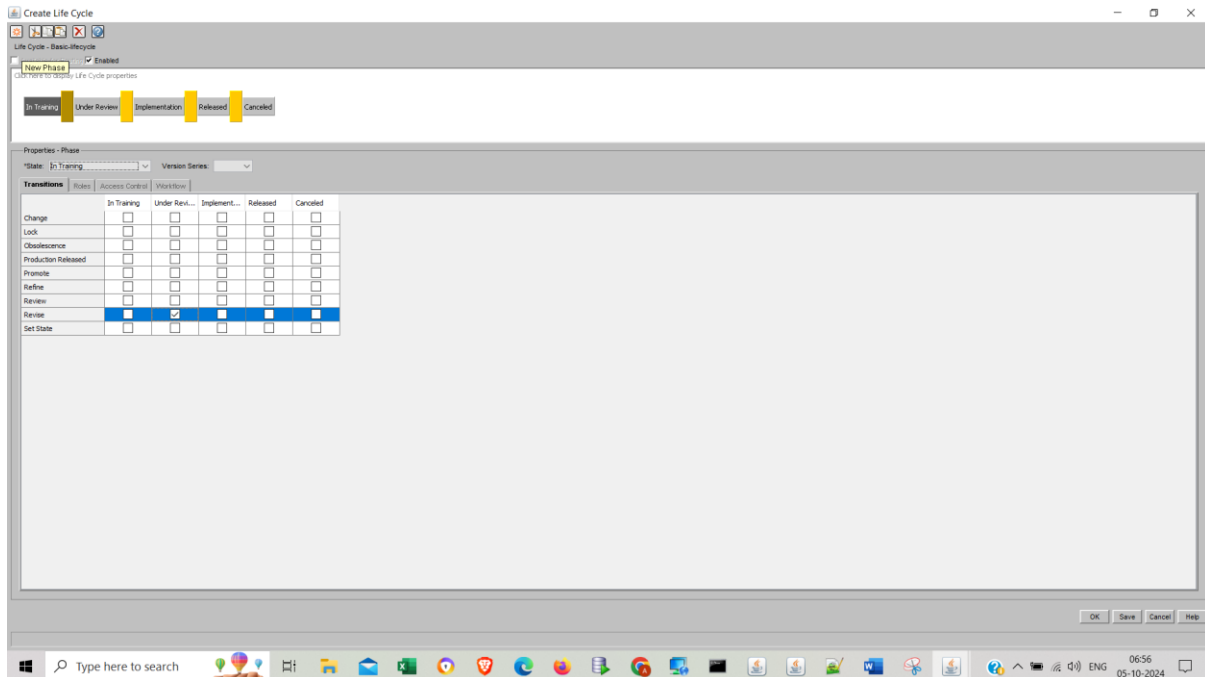
Step5: select checkbox and click on **Run**.



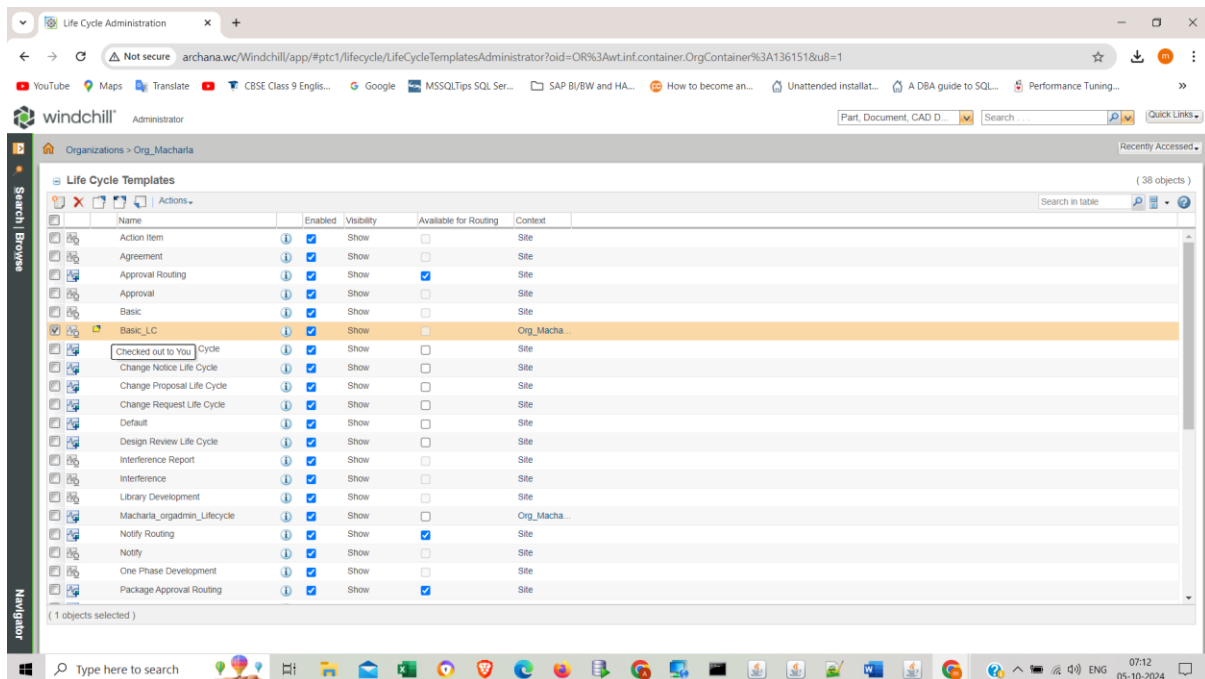
Step6: open the lifecycle window like this, choose **Basic** and give required name (remember this name for further reference (OIR)).



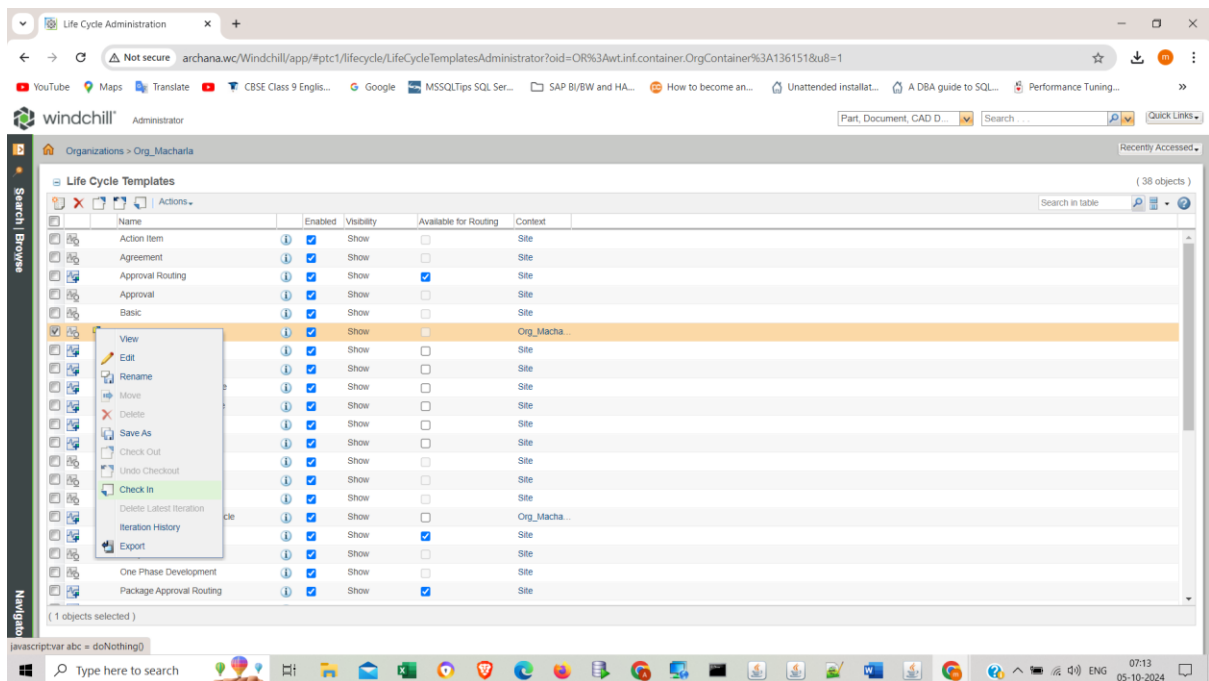
Step6: create phases based on the organization requirement and choose the check boxes depends on the needs of a lifecycle-> click on **save**.



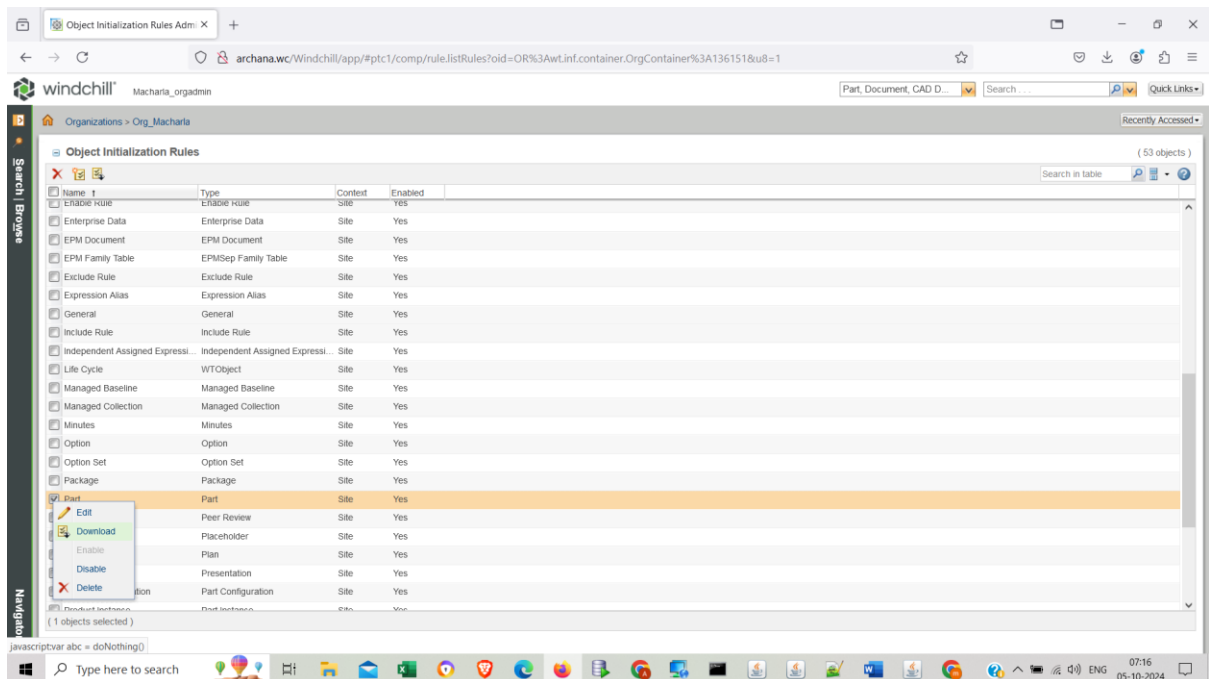
Step7: do refresh and the name appears here.



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)

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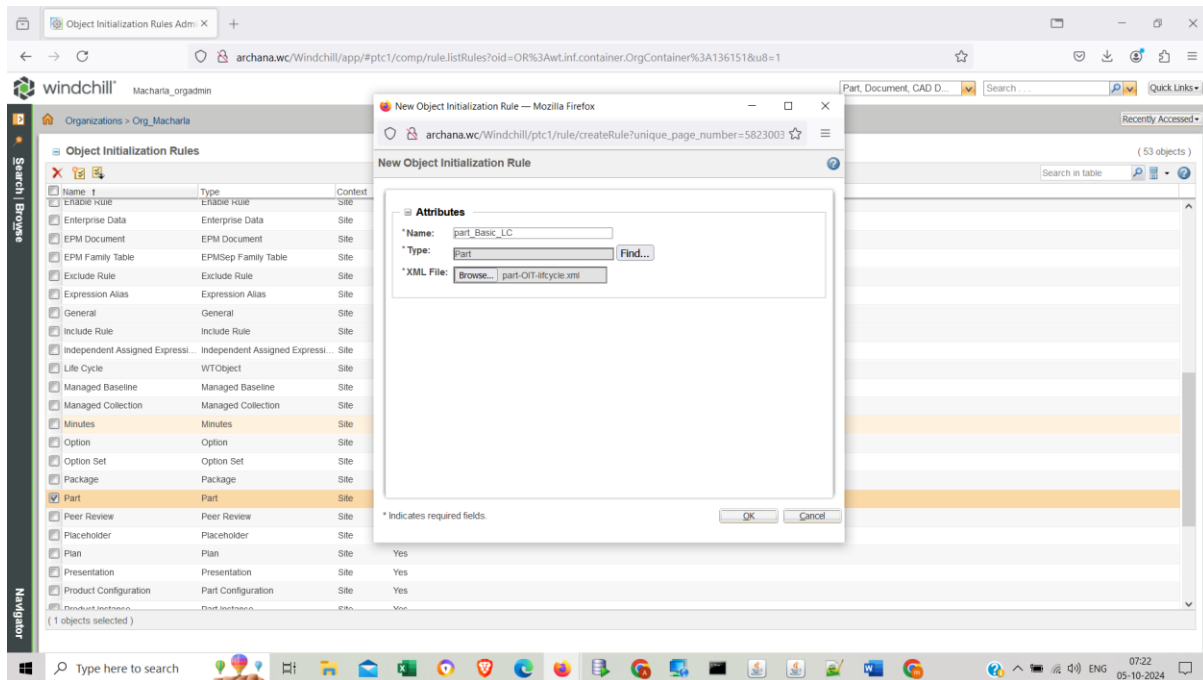
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<AttributeValues objType="wt.part.WTPart">
  <!-- set the folder -->
  <AttrValue id="folder.id" algorithm="com.ptc.core.foundation.folder.server.impl.FolderPathAttributeAlgorithm">
    <Arg>Default</Arg>
  </AttrValue>
  <!-- set the lifecycle -->
  <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_ID<?loc-end?>
    </Arg>
  </AttrValue>
  <!-- set the team template -->
  <AttrValue id="teamTemplate.id" algorithm="com.ptc.core.foundation.team.server.impl.TeamTemplateAttributeAlgorithm">
    <Arg>Default</Arg>
  </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">
      <Attr id="genericType"/>
      <Arg>variant</Arg>
    </Value>
    <Arg>V</Arg>
    <Arg></Arg>
  </Value>
  <!-- the sequence -->
  <Arg>{GEN:wt.enterprise.SequenceGenerator:WTPARTID_seq:10:0}</Arg>
  </AttrValue>
  <!-- set the version info to a generated version info -->
  <AttrValue id="MBA|versionInfo" 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">

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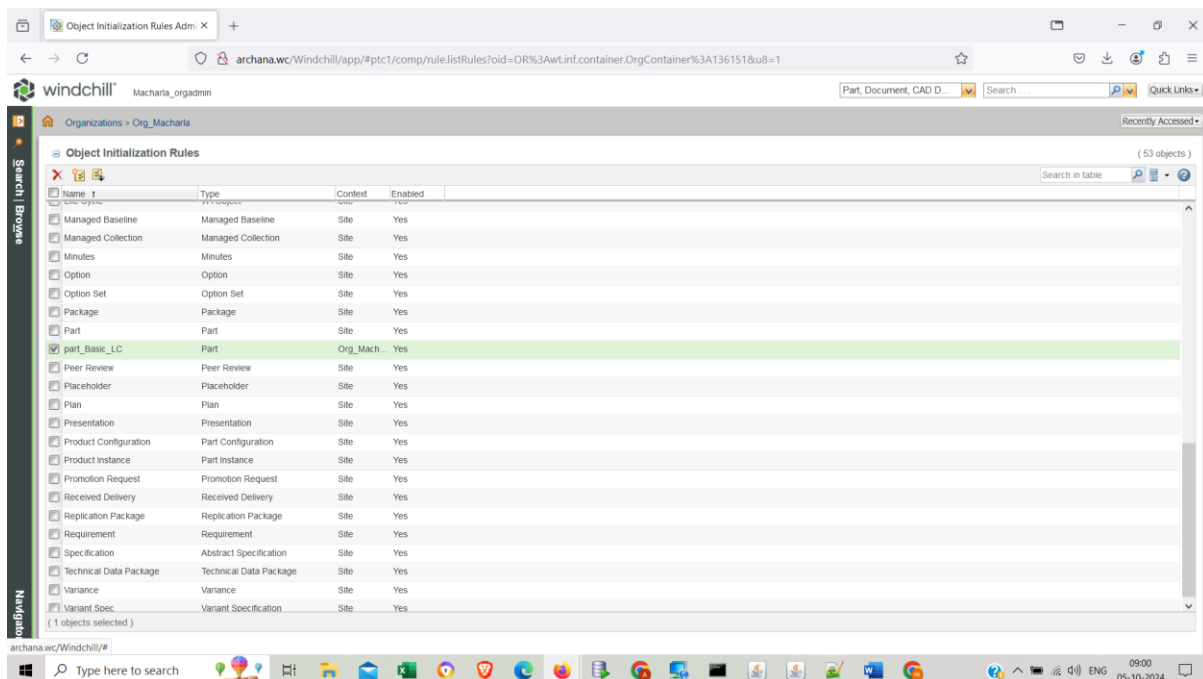
Strp11: go to OIR and choose create new object rule

Name	Context	Enabled
New Object Initialization Rule	Site	Yes
Action Item	Site	Yes
Agenda	Site	Yes
Agreement	Site	Yes
Analysis Activity	Site	Yes
Change Activity	Site	Yes
Change Directive	Site	Yes
Change Investigation	Site	Yes
Change Issue	Site	Yes
Change Notice	Site	Yes
Change Proposal	Site	Yes
Change Request	Site	Yes
Change Review	Site	Yes
Choice	Site	Yes
Choice Rule	Site	Yes
Configuration Context	Site	Yes
Delivery Record	Site	Yes
Design Review	Site	Yes
Document	Site	Yes
DrawingSet	Site	Yes
ECAD Document	Site	Yes
Electrical Part	Site	Yes
Enable Rule	Site	Yes

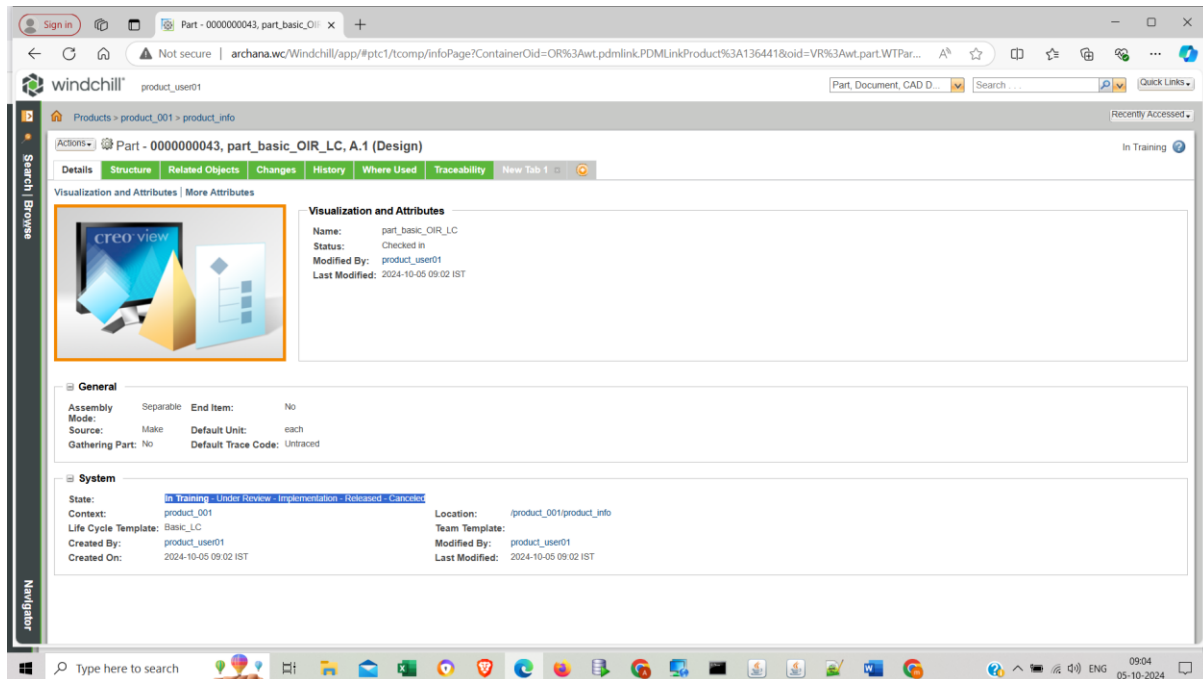
Step12: browse relevant OIR .xml file and give appropriate name ->ok



Step11: after do refresh the new part OIR appears here



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.

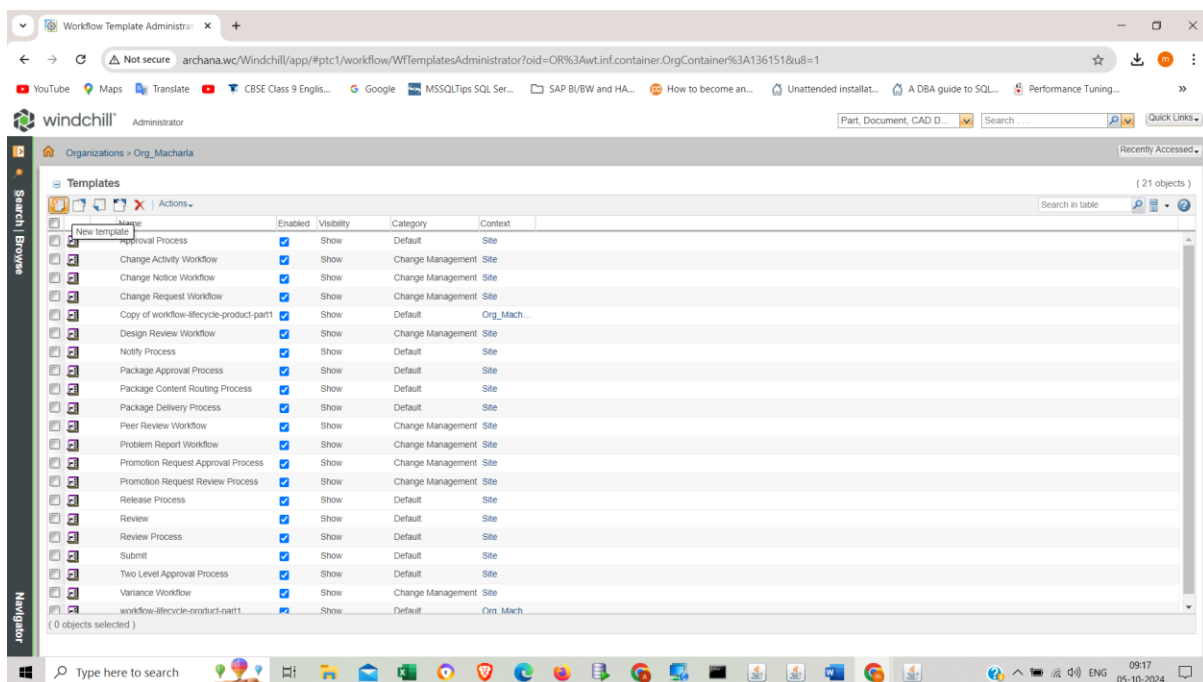


## 1.2: create workflow lifecycle template:

Step1: login as a org admin.(localhost/windchill->Macharla\_orgadmin)

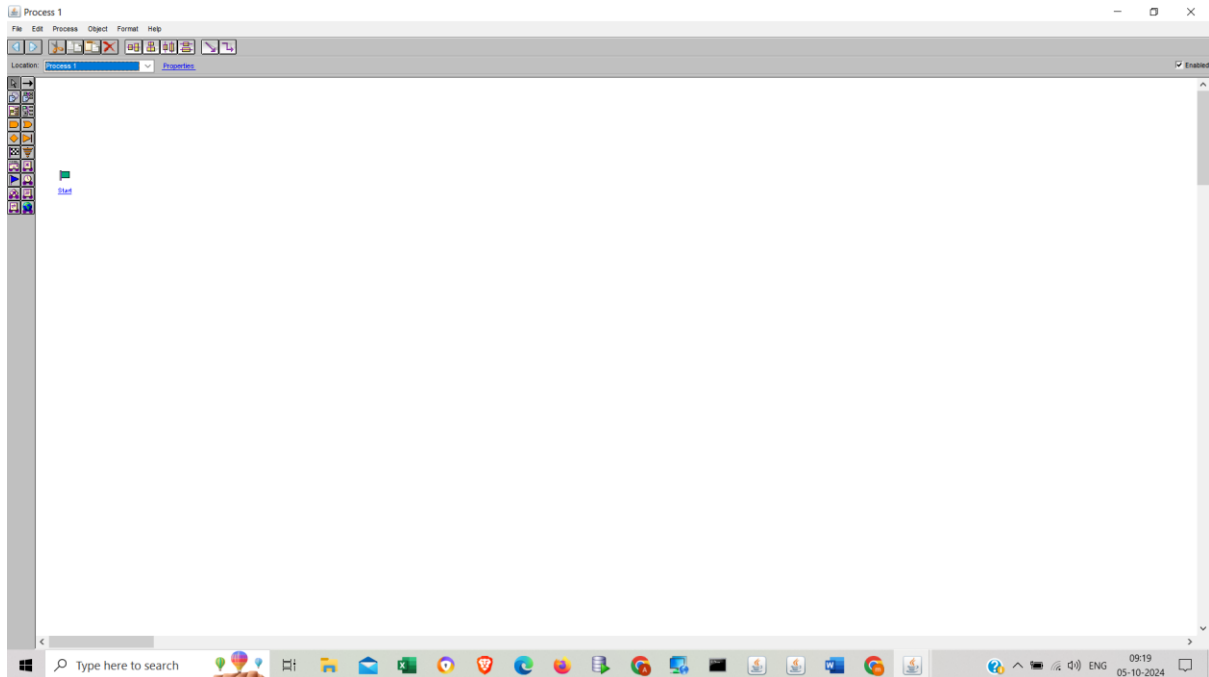
Step2: go to org->choose organization name->utilities->business Administration-> workflow template administration.

Step3: select new template

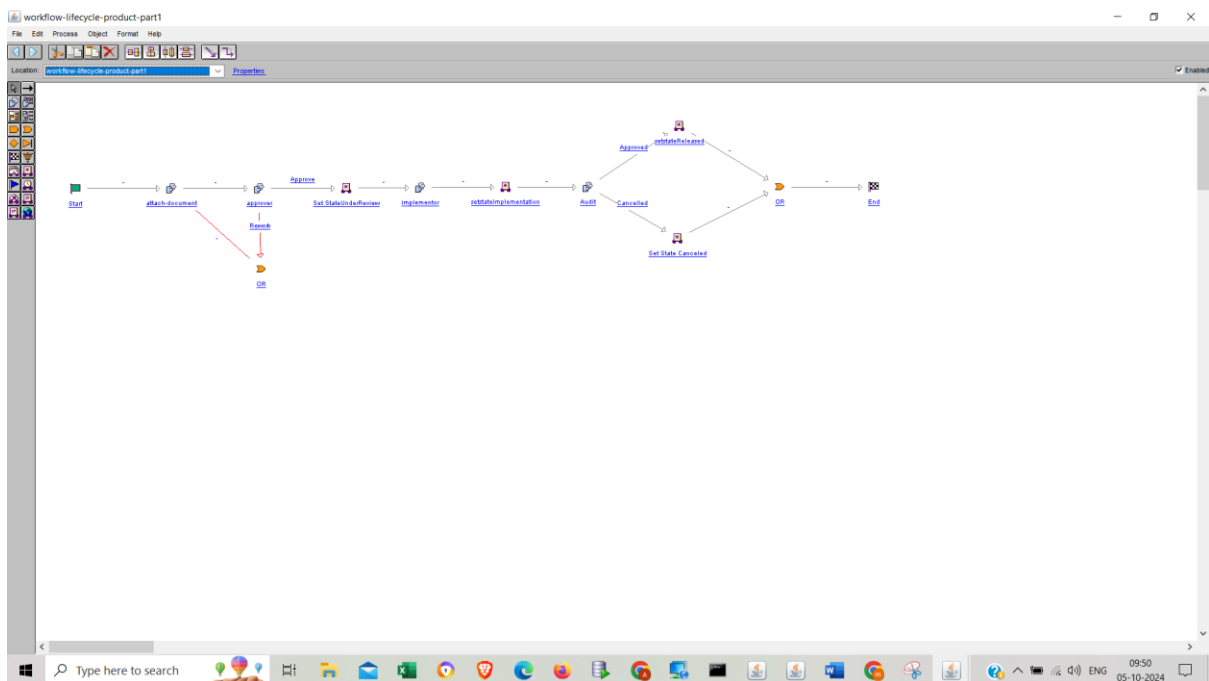


Step4: follow steps same as the above 1.1 (step4 and step5)

Step5: the window appears as shown in the below

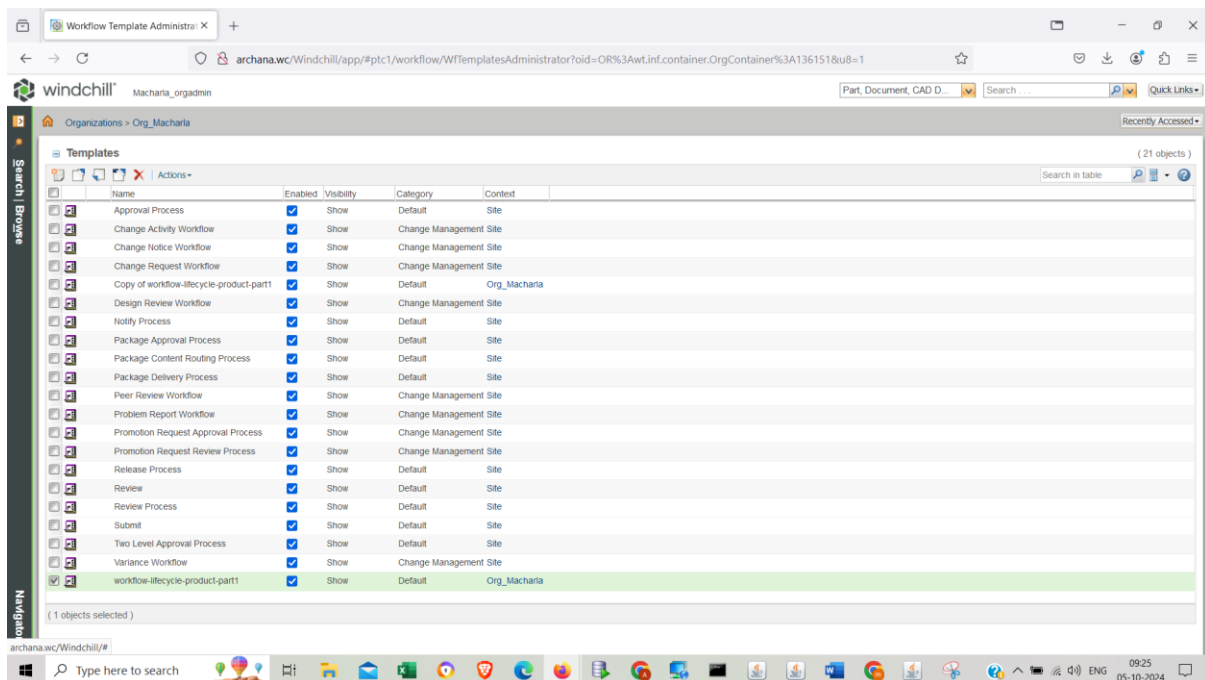


Step6: create work flow based on organisation requirements and save with related name.

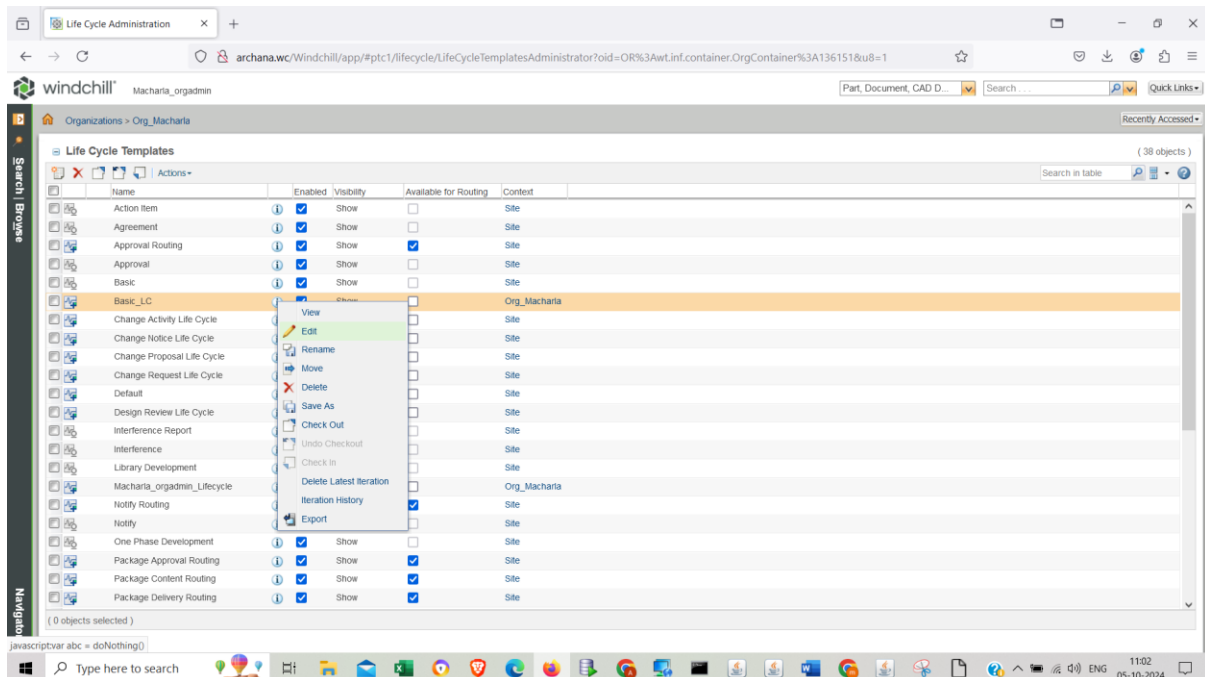




Step7: go to utility->workflow template do refresh. Here we observe the name which we created the workflow just before.

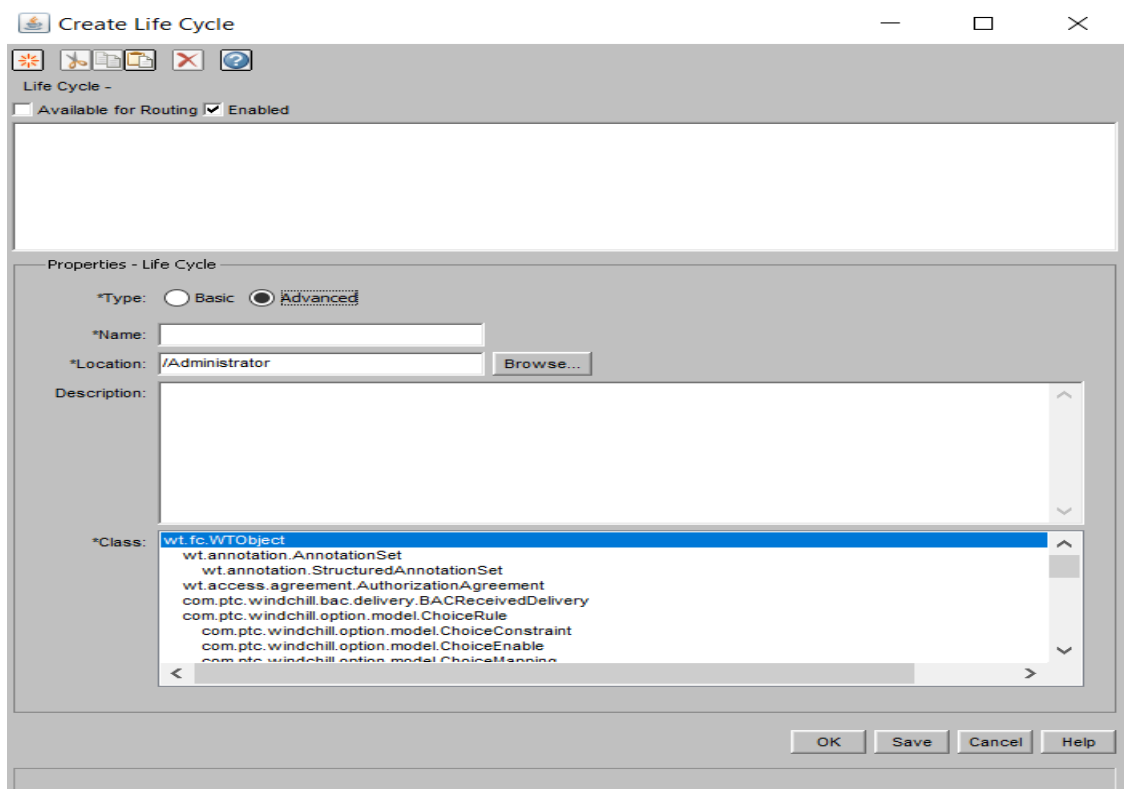


Step8: go to utility->lifecycle management template-> choose appropriate name->r/c->choose **edit**

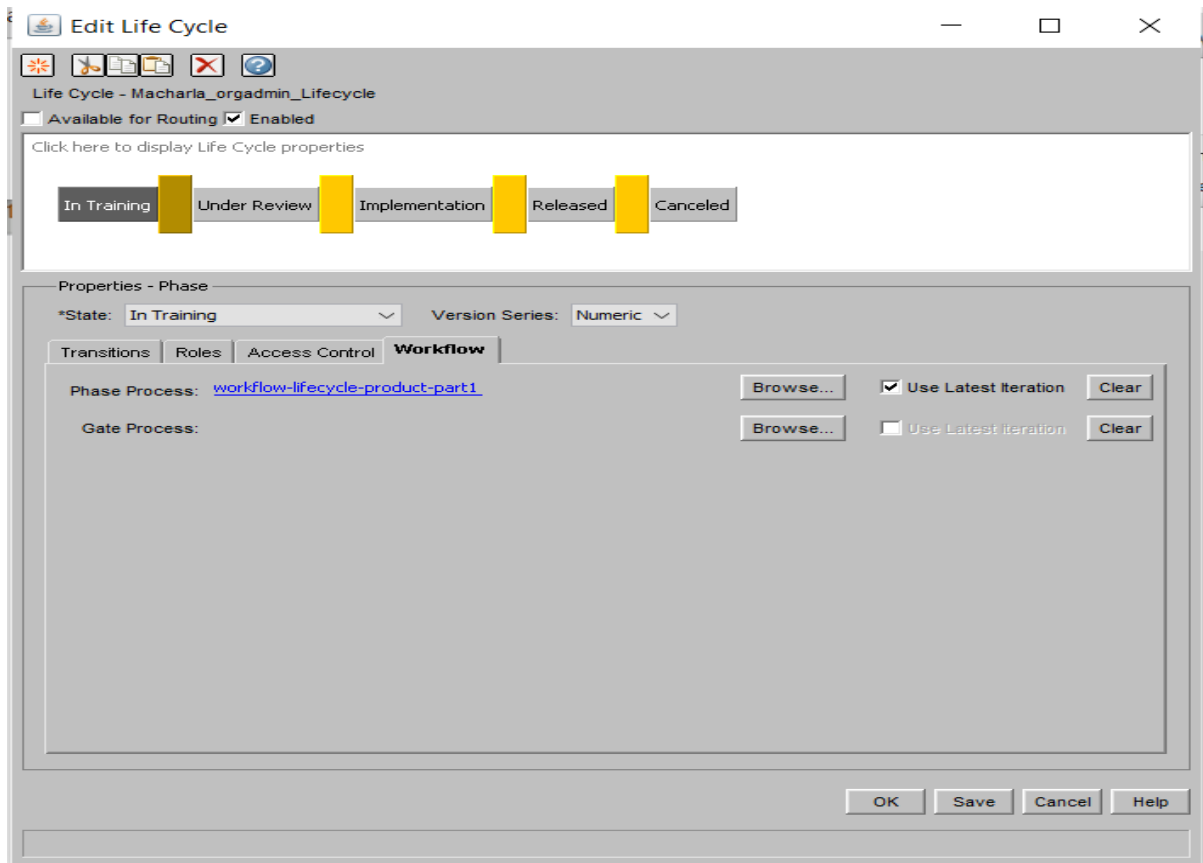


Step9: follow steps 1.1 (step4 and step5)

## Step10. choose **Advanced**



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



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

The screenshot displays the Windchill web application interface. The browser address bar shows the URL: `archana.wc/Windchill/app/#ptc1/tcomp/infoPage?oid=VR%3Awt.part.WTPart%3A147167&u8=1`. The page title is "Part - 0000000044, partt with workflow, A.1 (Design)". The main content area is titled "Routing/Process History" and contains a table with the following data:

Name	Version	Status	Initiated By	Date Started	Date Completed
workflow-lifecycle-product-part1_0000000044, partt with workflow, A.1 (Design)	A.1 (Design)	Running	product_user01	2024-10-05 10:12	

A context menu is open over the table, showing the following options:

- Timeline
- Maturity History
- Version History
- ☒ Routing/Process History
- Lifecycle History
- Move History
- Rename History
- Save-As History
- Alternate History
- Effectivity History
- Configurable Revision Link History

The bottom of the screen shows a Windows taskbar with various application icons and a system clock displaying 10:30 on 05-10-2024.