TITTLE

TEAMID   :NM2025TMID18011

TEAMSIZE   4

TEAM LEADER   :A.RONALDOJONES

TEAMMEMBER 1 :J.HARIKRISHNAN

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Problemstatement:

Manystudentsfacedifficultiesinaccessinglaptopsfor theiracademic andproject work. This creates a gap in completing assignments, learningdigitalskills,andparticipatinginpracticalsessions.Theprojectaims to address this issue by requesting laptops to ensure equalopportunitiesforallstudentstoenhancetheirlearningandskilldevelopment.

Objective:

Highly motivated and enthusiasticthrid-year computer applicationStudent at Nazareth college with a strong eagerness to learn new skillsandApassionforcomputer-relatedtopics,particularlycoding,seeking opportunities to apply and further develop my technical ability contribute tochallenging and innovate projects

SKILLS:

Programming fundamentals: basic understanding of programmingConcept(variable,datatypes,controlflow,loop,function),proficienc inpythonic,understandingofobject-orientedprogramming(oop)

Principles

developmentbasic:HTML,CSSbasicunderstandingofJavaScr Problem solving: logical thinking, debugging skills

Laptop Request Catalog Item

- Update Set
- Service Catalog Item
- UI Policy
- UI Action
- Export Update Set
- Login To Another Instance
- Testing
- Conclusion :

Laptop Request Catalog Item

Problem Statement:

Employees in the organization need a quick and efficient way to request laptops for work. The current process is manual and prone to delays, with no dynamic form behavior to guide users or ensure accurate data collection. To address this, a Service Catalog item needs to be created, allowing users to easily request a laptop, with dynamic fields, clear instructions, and additional functionality like resetting the form if needed. The solution should also ensure all changes are tracked for governance and deployment.

TASKINITATION:

Milstone1:laptoprequestcatalogitemActivity1:create update set

Createlocalupdateset

STEPS:

1. Open the instances

2. click on all and search for local update sets

3. which was located under system update sets
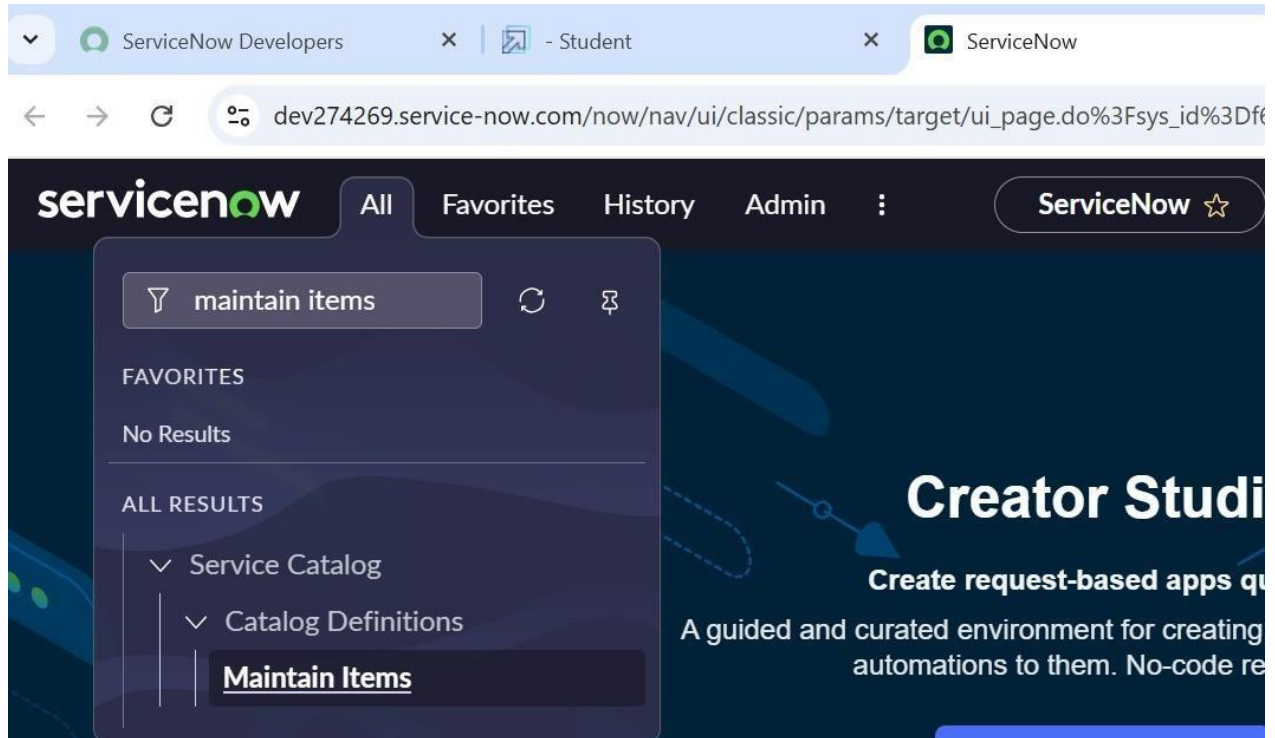
4. click on new

5. Fill in the following detials to create update set

as:"LAPTOP REQUEST"

6. click and sumit to make current

7. By clicking on the bottom it activities the update the update set

SERVICE CATALOG ITEMCREATESERVICECATALOGITEM

1. opentheinstance

2. clickonallandsearchformaintainitemsundercatalogdefinitions
3. whichlocatedunderAll>>servicecatalog

4. byclickingonnew

5. nownewcatalogitemwillopen

6. FillthefollowingdetailstocreateanewcatalogitemN

ame: Laptop Request

C: service Catalog

Category:Hardware

ShortDescription:Usethisitemtorequestanewlaptop
7. clickonsave
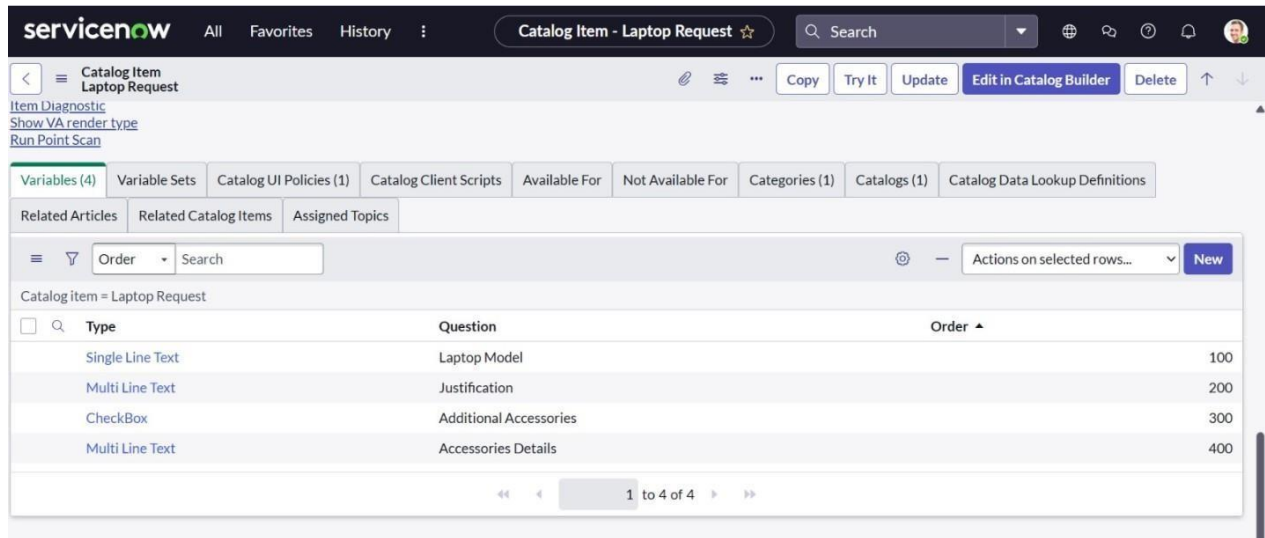
Addvariables

1. **aftersavingthecatalogitemscrolldownandclickonvariable**

2. **onclickvariableclickonnew**

3. **afterthatcreatea1stvariableasperinstructionV**
ariable 1: *Laptop Model*

       Type: Single line text

       Name: laptop model

       Order:100clickonsubmit

4. **afterthatrepeataslikeinstructions**

5. **aftercompleting4variableclickonsave**

6. **youwillseelikeaboveimage**

UIPolicy

CreateCatalogUipolicies

1. **clickonallandsearchfor   maintainitemundercatalogdefinition**
2. **Giveshortdescriptionas:showaccessoriesdetails**

3. **Set the Catalog Condition in the related list tab when to a   '**
   [field: additional_ accessories, operator: is, value:true]

4. **clickonsave**

5. **clickoncataloguiaction**

6. **clickonnewthenSelectvariablenameas:accessories_details**

   Order:100

   Mandatory:True

   Visible : True

☰ ▽ 💬 UI Actions Order ▼ Search   ⊹ ⚙   Actions on selected rows... ∨   **New**

All > Name starts with Reset form

	Name	Table	Comments	Form action	List action	Active	Order ▲	Condition	Updated
	Reset form	Search	Search	Search	Search	Search	Search	Search	Search
	Reset form	Shopping Cart [sc_cart]		false	false	true	100		2025-08-29 01:13:16

Related Links

Show Form Actions Only
Show List Actions Only

EXPORTUPDATESET

Exportingchangestoanotherinstances

1. openyourinstance

2. Selectlocalupdateset

3. Selectcreatedupdateseti.e.'LaptopRequestProject'

4. Setthestateto'Complete'

5. IntherelatedlistUpdatetab,updatesarevisible whichweperform under this update set.

ClickonexporttoXML,itdownloadonefile

LOGINTOAOTHERINSTANCE

Retrievingtheupdateset

1. **openothersinstanceformyourwindow**

2. **Loginwithcredentials**

3. **Clickonall>>searchfor updatesetsandSelect"Retrievedupdate set"**
under system update set

4. **ItopenretrievedupdatesetlistandscrolldownCl**

ick on Import update set from XML
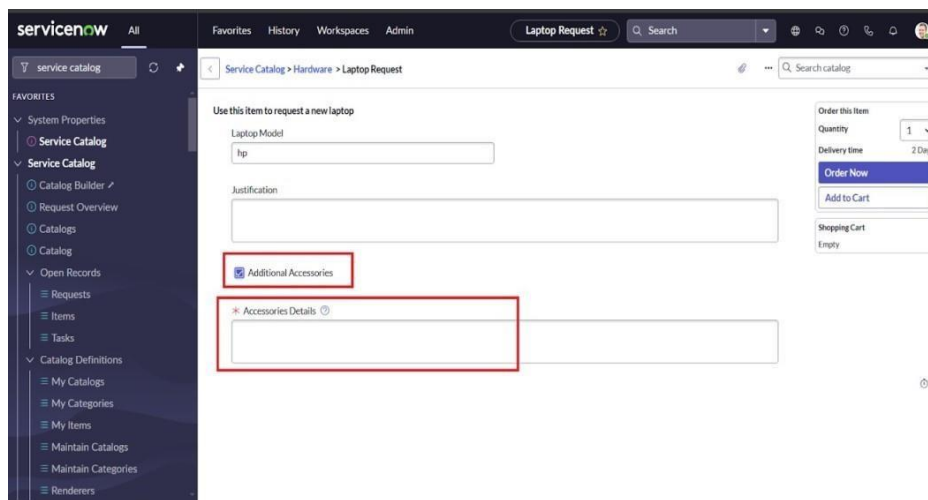
TESTING

TestCatalogItem

1. searchforservicecataloginapplicationnavigatorintargetinstancean dSelect catalog under service catalog

2. Selecthardwarecategoryandsearchfor'laptoprequest'itemSe

lect laptop request item and open

Itshowsthreevariables

Conclusion:

The successful implementation of the Laptop Request Catalog Item marksa significantmilestoneinstreamlining ITassetprovisioning. Byenhancing user experience, automating approval workflows, and ensuringaccuratetracking,thisinitiativehaslaidthefoundationforamore efficient and scalable service delivery model. The collaborationacrossteamsandcommitmenttoexcellencehavebeenkeydr iversof thisachievement.Movingforward, theframeworkestablishedhere canbe extendedto othercatalog items,furtheroptimizingour digitalworkplace.

Drive Link

https://drive.google.com/file/d/1i-_suQpzT7A7oohOjyviq_xkXQEs2NSS/view?usp=drive_link

↑**Click Here To Watch Demo Video**