

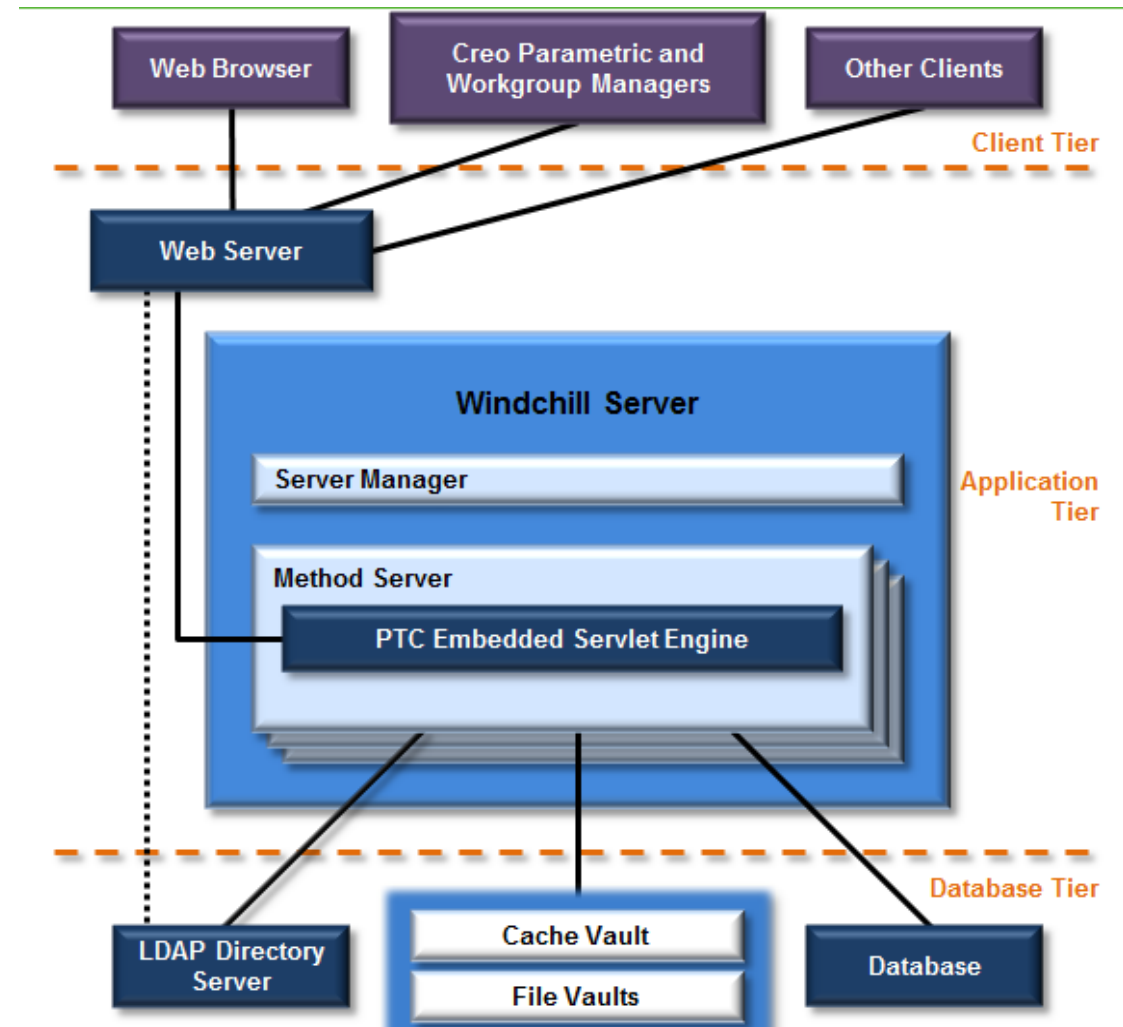
# Windchill Assignment

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**BEFORE WE START  
REVISE PREVIOUS  
TOPICS**

# Windchill Application Architecture

- **Client Tier:** The client includes: Browsers, Creo Parametrics and other clients.
- **Application Tier:** Application Tier consists of WebServer, Servlet Engine(Tomcat), Server Manager and Method Server.
- **Data Base Tier:** Data Base tier consists of LDAP Directory Server, Vaults(File and Cache) and Database.



## Basic terms

- **LDAP:** Database(Directory) to store user information and validate the authentication.
- **Servlet Engine(Tomcat):** It process the JSP codes and any codes that require communication with the Database, Tomcat will send that requests to Method Server
- **Method Server:** It will process the request to communicate with DB and bring back the results from DB, this result Prepare and wrap and send back to Tomcat.
- **Principals:** Principals are Something that can be stored in DS.
- **Containers:**
- **Context:**
- **Libraries:**
- **Objects:**
- **Templates:**

# AGENDA

23th September 2024

Day1

- Create an Organization, Name it: **Org\_Musheer**
- Create a user --> Musheer\_orgadmin
- Make user: **Musheer\_orgadmin** as Organization Admin for the org you created in step 1
- Login with Musheer\_orgadmin, make sure that user can access Organization link
- Create two users in Org\_Musheer, name it: **product\_user001, library\_user001, allcreator001**
- Make product\_user001 as a product creator only, also add allcreator001 in product creator
- Make library\_user001 as a library creator only, also add allcreator001 in library creator

- Login with product\_user001 and create a product --> **product001**
- Login with library\_user001 and create a library --> **library001**
- Create two more **users(u001,u002)**
- Make u001 as member of product001
- Make u002 as member of library001
- Login as allcreator001 and ensure if he is able to create both prod and library
- See what access u001 and u002

# **ASSIGNMENT SCREENSHOTS**

# Creating Organization

New Organization

Attributes

\* Organization Name:

Org\_Musheer

Search...

Description:

Postal Address:

Web Site:

\* Template:

General

Subscriber:

☒ Yes  
☐ No

All Organization Members Can Create Projects:

☒ Yes  
☐ No

Restricted Directory Search:

☒ Yes  
☐ No

Conferencing ID:

Org\_Musheer internal

Conferencing URL:

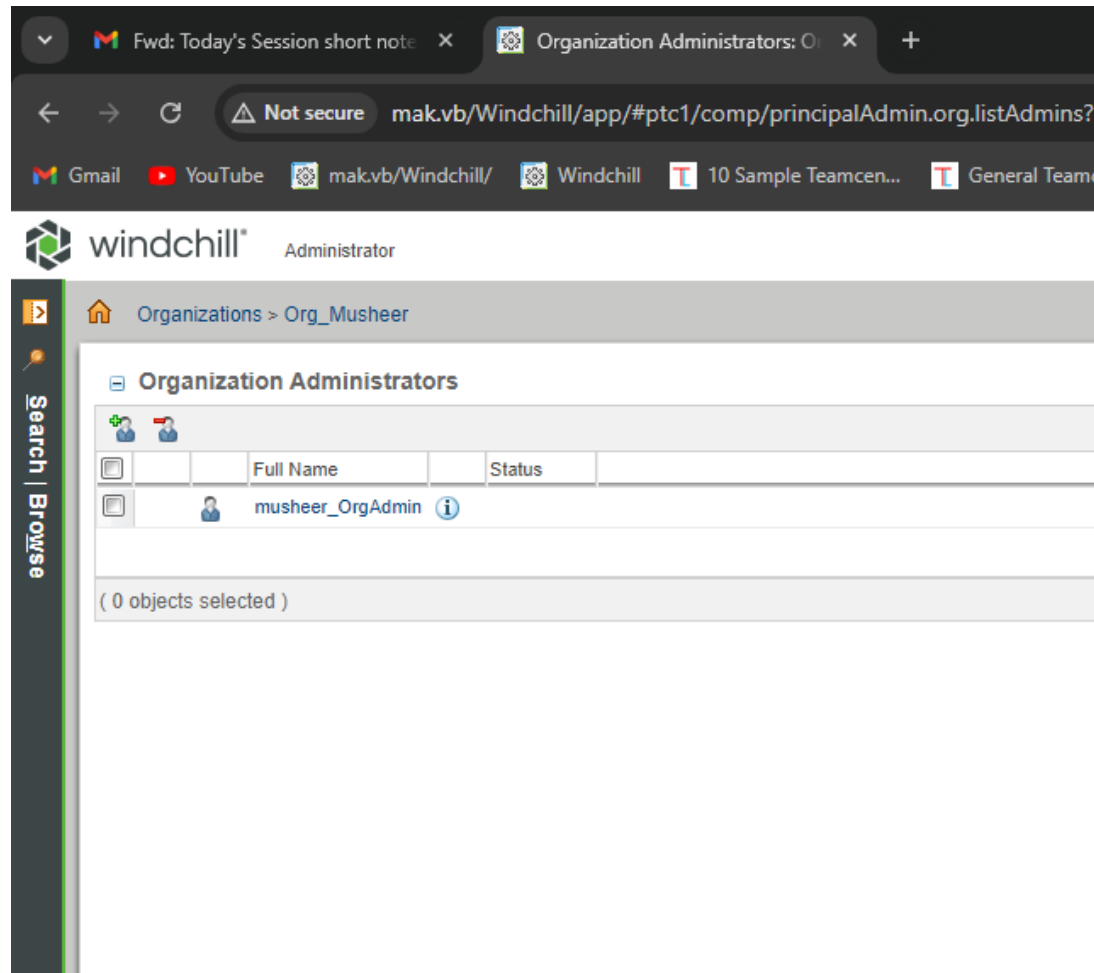
\* Indicates required fields.

OK

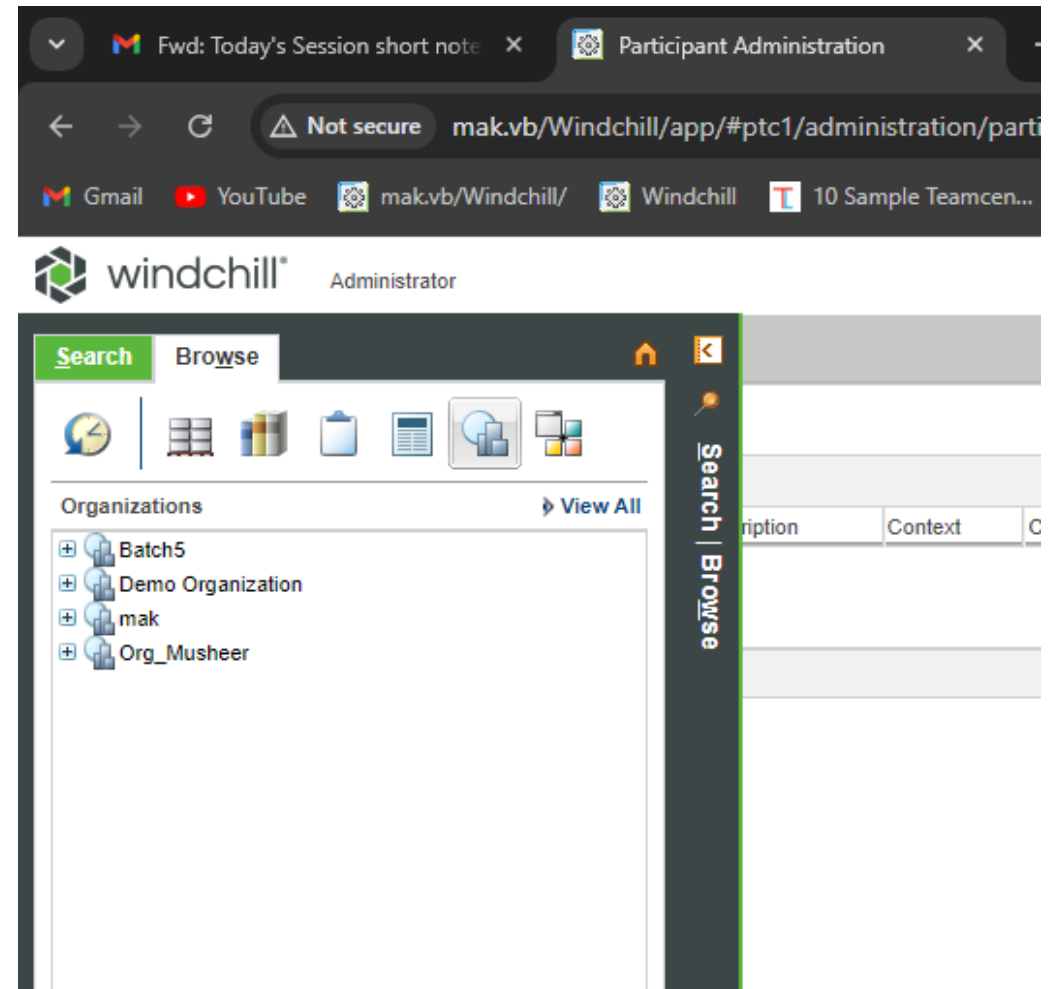
Apply

Cancel

Created user **muhseer\_OrgAdmin**  
And make the Org admin

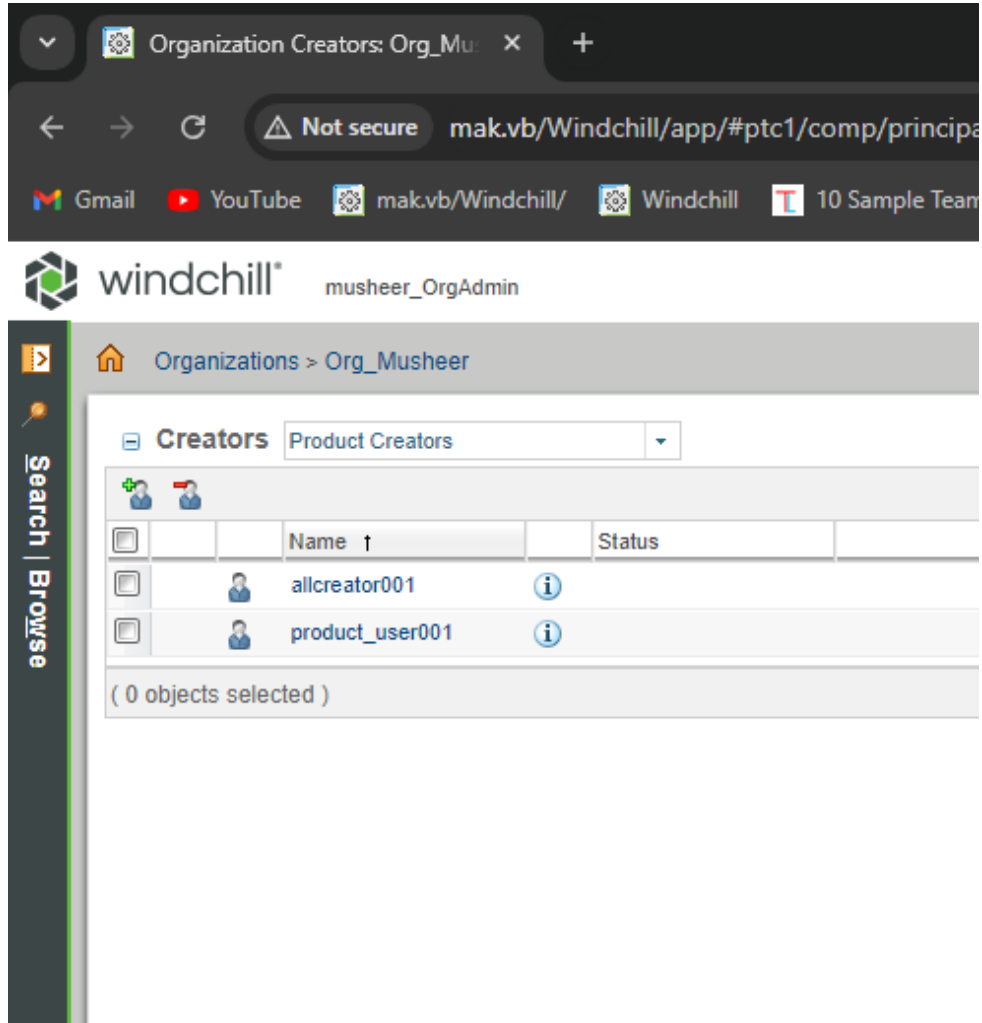


Created Organization as  
**Org\_musheer**





## Product creator

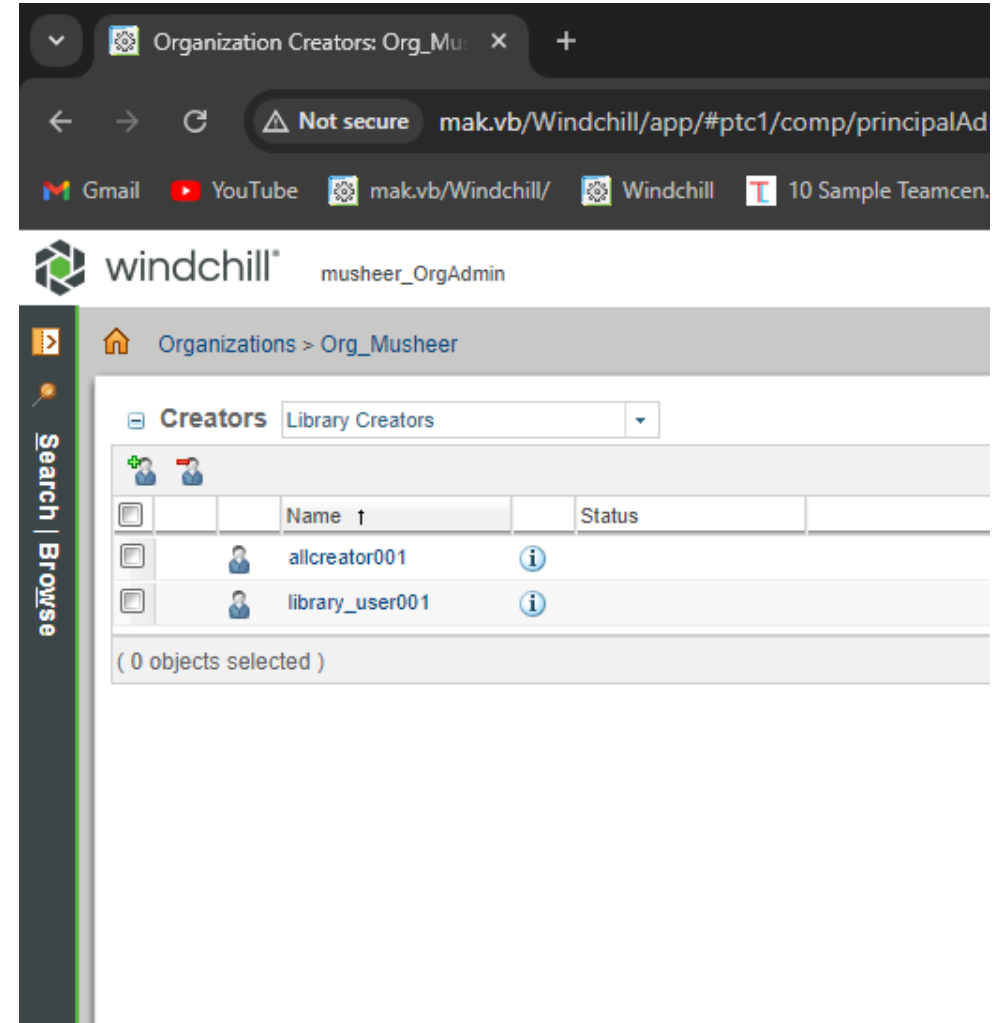


The screenshot shows the Windchill web interface for the 'Product Creators' page. The browser address bar indicates the URL is `mak.vb/Windchill/app/#ptc1/comp/principa`. The page header shows the Windchill logo and the user 'musheer\_OrgAdmin'. The breadcrumb trail is 'Organizations > Org\_Musheer'. The 'Creators' dropdown menu is set to 'Product Creators'. Below this, there is a table with two columns: 'Name' and 'Status'. The table contains two entries: 'allcreator001' and 'product\_user001', both with an information icon. At the bottom, it says '( 0 objects selected )'.

	Name ↑	Status
	allcreator001	
	product_user001	

( 0 objects selected )

## Library creator



The screenshot shows the Windchill web interface for the 'Library Creators' page. The browser address bar indicates the URL is `mak.vb/Windchill/app/#ptc1/comp/principalAd`. The page header shows the Windchill logo and the user 'musheer\_OrgAdmin'. The breadcrumb trail is 'Organizations > Org\_Musheer'. The 'Creators' dropdown menu is set to 'Library Creators'. Below this, there is a table with two columns: 'Name' and 'Status'. The table contains two entries: 'allcreator001' and 'library\_user001', both with an information icon. At the bottom, it says '( 0 objects selected )'.

	Name ↑	Status
	allcreator001	
	library_user001	

( 0 objects selected )

# All created users in search result

The image shows a screenshot of the Windchill software interface. On the left, a sidebar contains navigation links: 'Search | Browse' and 'Navigation'. The main area displays the 'Members' tab for 'Product - product002'. A 'Find Participant' dialog box is open, showing search criteria and results. The search criteria include 'Search for: User', 'Search In: Context', and fields for 'Full Name', 'User Name', 'Email', and 'Organization Name'. The search results list several users, including 'allcreator001', 'library\_user001', 'musheer\_OrgAdmin', 'product\_user001', 'u001', and 'u002'. A large oval highlights the search results area, and a smaller rectangle highlights the 'Most Recent Participants' section.

Members

Not secure | mak.vb/Windchill/ptc1/team/addUsersToRole?unique\_page\_number=58233006517050\_0&Aj...

Find Participant - Personal - Microsoft Edge

Find Participant

Search for: User

Search In: Context

Full Name: ?

User Name: ?

Email:

Organization Name:

Search Clear

Search Results:

- allcreator001 (allcreator001: Org\_Musheer)
- library\_user001 (library\_user001: Org\_Musheer)
- musheer\_OrgAdmin (musheer\_OrgAdmin: Org\_Musheer)
- product\_user001 (product\_user001: Org\_Musheer)
- u001 (u001: Org\_Musheer)
- u002 (u002: Org\_Musheer)

Add >>

Most Recent Participants:

Add >>

Email Invitation:

Add >>

OK Apply Cancel

# CONCLUSION

- ❑ Organization admin can create users, Groups, and
- ❑ Can make the users as Product and Library Creator
- ❑ The product creator has the access to create a product and becomes the product manager as default of that created product.
- ❑ As the product manager, they manage access to the product for other users.
- ❑ including the access to add team members who will then have read access to the product.
- ❑ Above statements same for library creator