

Task – 6

Creating a Custom Workflow in AEM

A custom workflow was created to automate specific tasks in the content lifecycle.

Steps Followed:

Create Workflow Model:

Initiated a new workflow model through AEM's Workflow console.

Named the Workflow:

The workflow was titled "My Custom Workflow" for easy identification.

Added a Process Step:

Inserted a Process Step into the model.

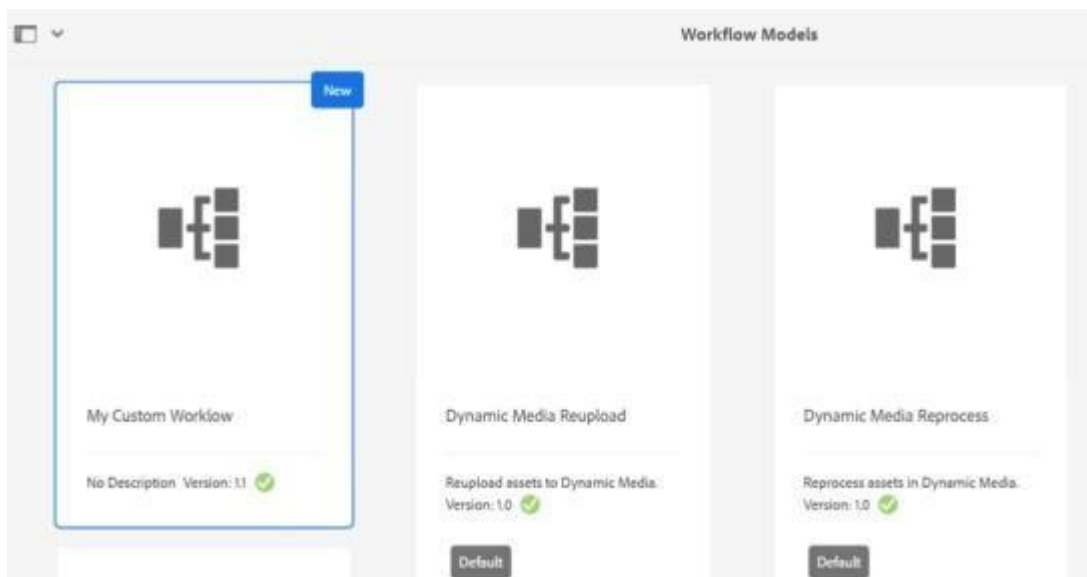
Configured it to execute custom logic (e.g., invoking a servlet, modifying metadata, etc.).

Saved and Activated:

The workflow model was saved.

Then activated to make it available for use in AEM's workflow engine.

This custom workflow can now be triggered manually or automatically to streamline operations like asset processing, content approval, or publishing flows.



Implemented a Custom Workflow Process

- Created a process step to log the page title.
- Deployed the process and executed the workflow on a page.

MY CUSTOM WORKFLOW

Flow Start

Step 1

Workflow Process

Drag components here.

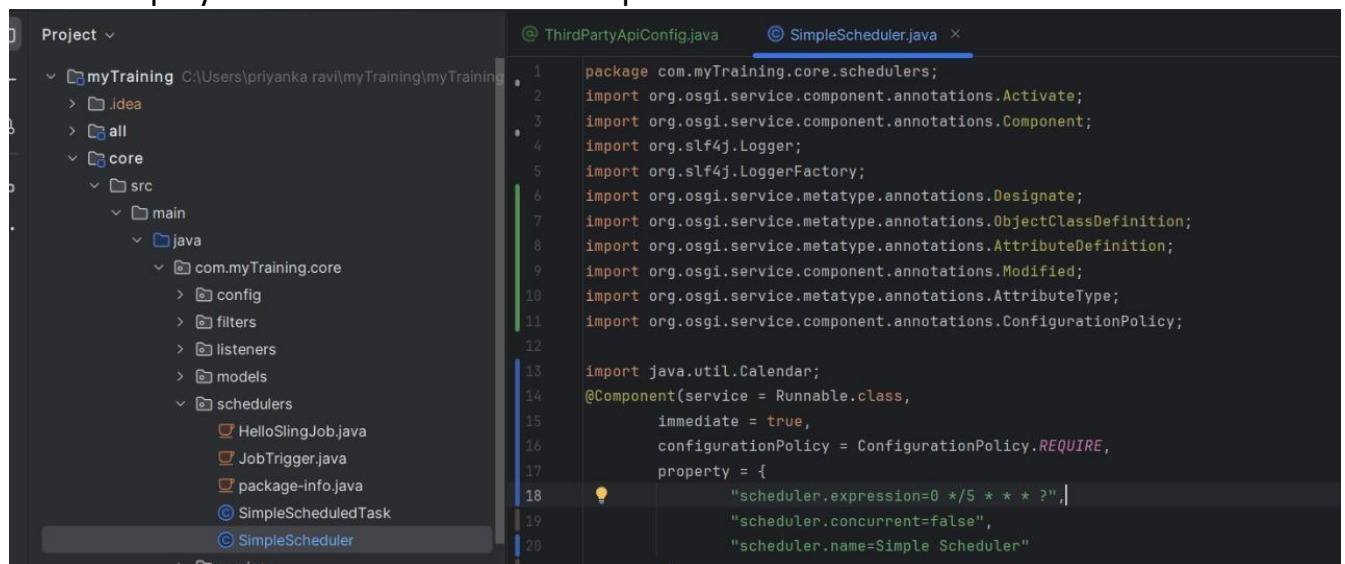
Flow End

Created an Event Handler

- Developed an event listener to track ResourceChanged events.
- Deployed the listener to log the modified resource paths.
- Verified the logs when a resource was modified.

Set Up a Scheduler (Runs Every 5 Minutes)

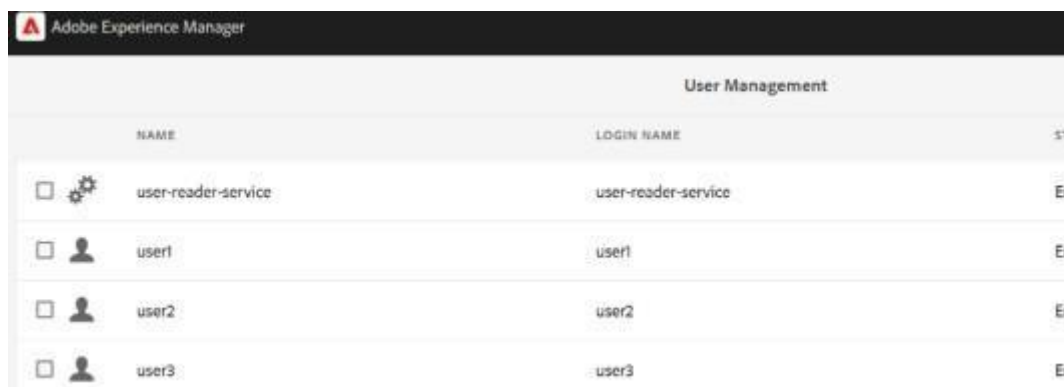
- Created a scheduled task using a cron expression.
- Deployed the scheduler to run at specified intervals.



Configured Users and Groups

Creating Users

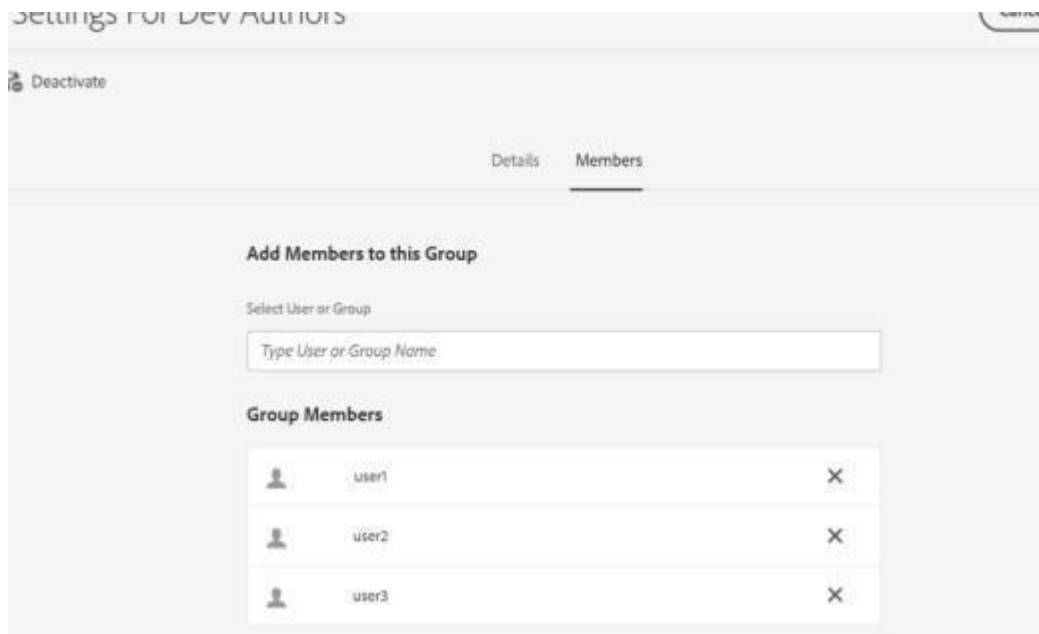
- Went to Tools > Security > Users.
- Created three users: user1, user2, and user3.



Created a Group

- Accessed Tools > Security > Groups.
- Created a new group named Dev Authors.

- Added the three users (user1, user2, user3) to the group.



Assigned Permissions

- Navigated to User Administration > Permissions.
- Assigned Read access to /content and /dam.
- Granted Replication Access to the group.

Final Step: Verification

- Successfully executed workflows, triggered events, and reviewed the logs.
- Confirmed that scheduled jobs ran as expected.
- Verified user permissions and replication access.