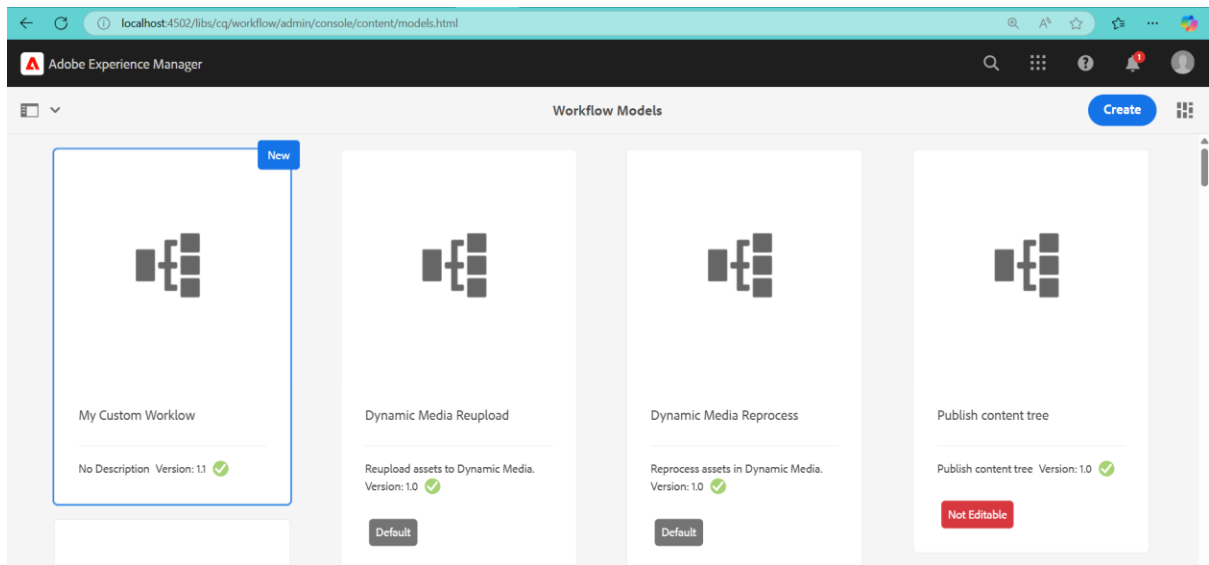


AEM TASK – 6 (Padmesh G)

Custom AEM Setup Documentation

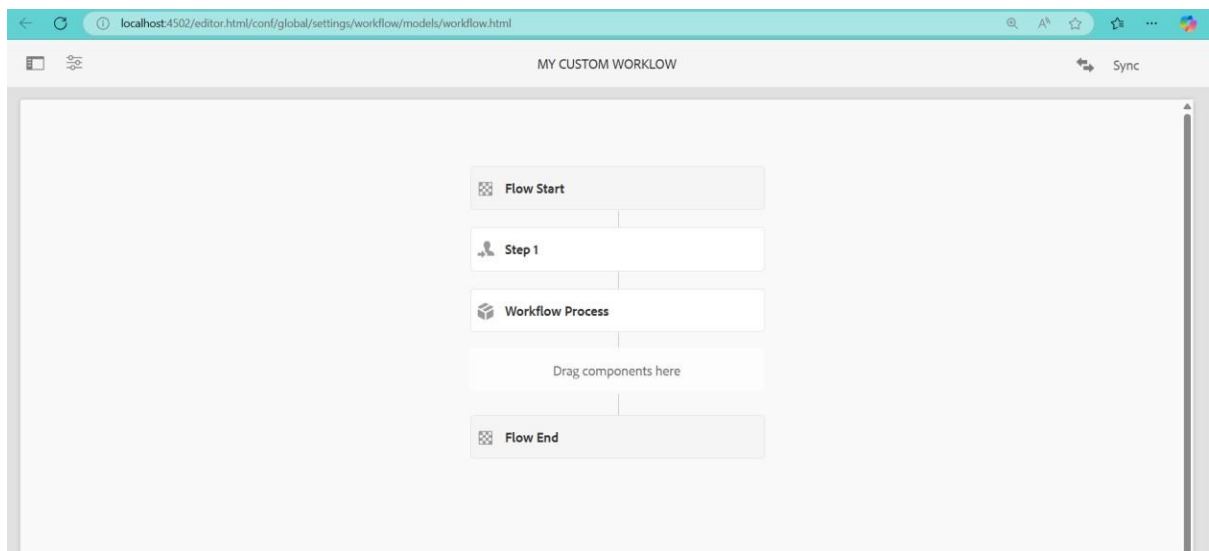
1. Created a Custom Workflow

- Clicked Create Workflow Model.
- Named it My Custom Workflow.
- Added a Process Step, configured, saved, and activated it.



2. Implemented a Custom Workflow Process

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

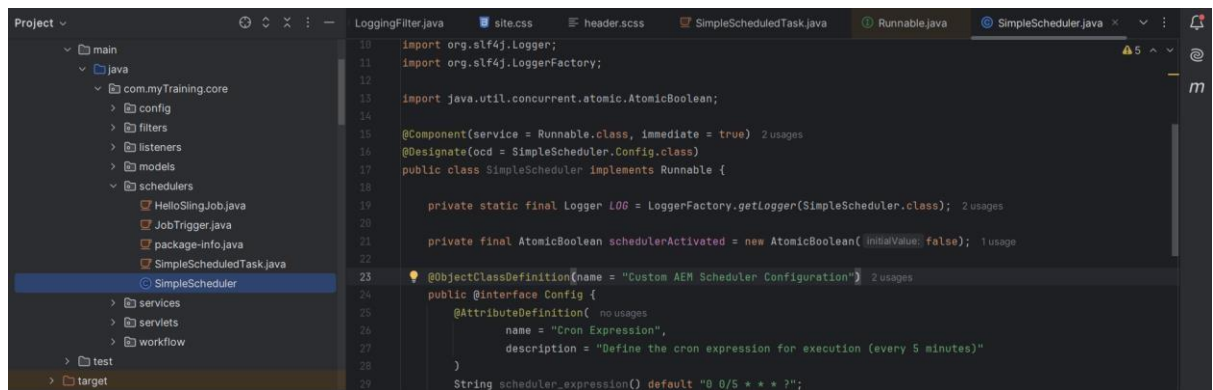


3. Created an Event Handler

- Implemented an event listener for Resource Changed events.
- Deployed the listener to log modified resource paths.
- Verified the logs when a resource was modified.

4. Set Up a Scheduler (Runs Every 5 Minutes)

- Implemented a scheduled task using a cron expression.
- Deployed the scheduler.

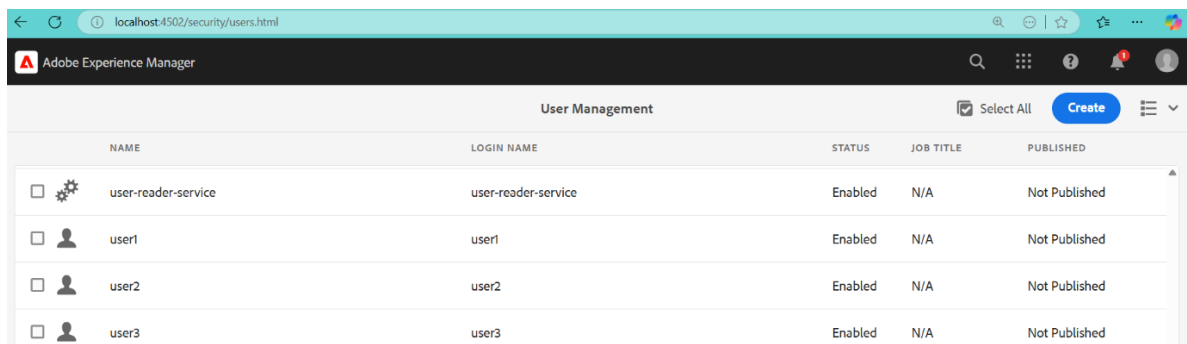






```
10 import org.slf4j.Logger;
11 import org.slf4j.LoggerFactory;
12
13 import java.util.concurrent.atomic.AtomicBoolean;
14
15 @Component(service = Runnable.class, immediate = true) 2 usages
16 @Designate(ocd = SimpleScheduler.Config.class)
17 public class SimpleScheduler implements Runnable {
18
19     private static final Logger LOG = LoggerFactory.getLogger(SimpleScheduler.class); 2 usages
20
21     private final AtomicBoolean schedulerActivated = new AtomicBoolean(initialValue: false); 1 usage
22
23     @ObjectClassDefinition(name = "Custom AEM Scheduler Configuration") 2 usages
24     public @interface Config {
25         @AttributeDefinition( no usages
26             name = "Cron Expression",
27             description = "Define the cron expression for execution (every 5 minutes)"
28         )
29         String scheduler_expression() default "0 0/5 * * * ?";
30 }
```

5. Configured Users and Groups

Created Users

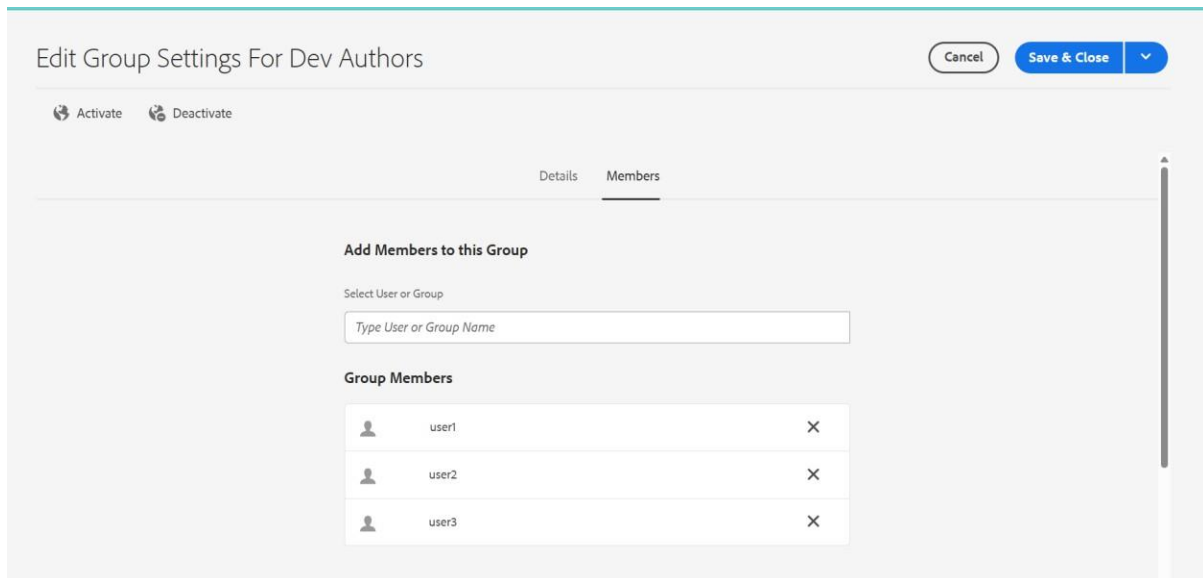
- Navigated to Tools > Security > Users.
- Created three users (user1, user2, user3).



User Management					
<input checked="" type="checkbox"/> Select All <button>Create</button>					
	NAME	LOGIN NAME	STATUS	JOB TITLE	PUBLISHED
<input type="checkbox"/>	 user-reader-service	user-reader-service	Enabled	N/A	Not Published
<input type="checkbox"/>	 user1	user1	Enabled	N/A	Not Published
<input type="checkbox"/>	 user2	user2	Enabled	N/A	Not Published
<input type="checkbox"/>	 user3	user3	Enabled	N/A	Not Published

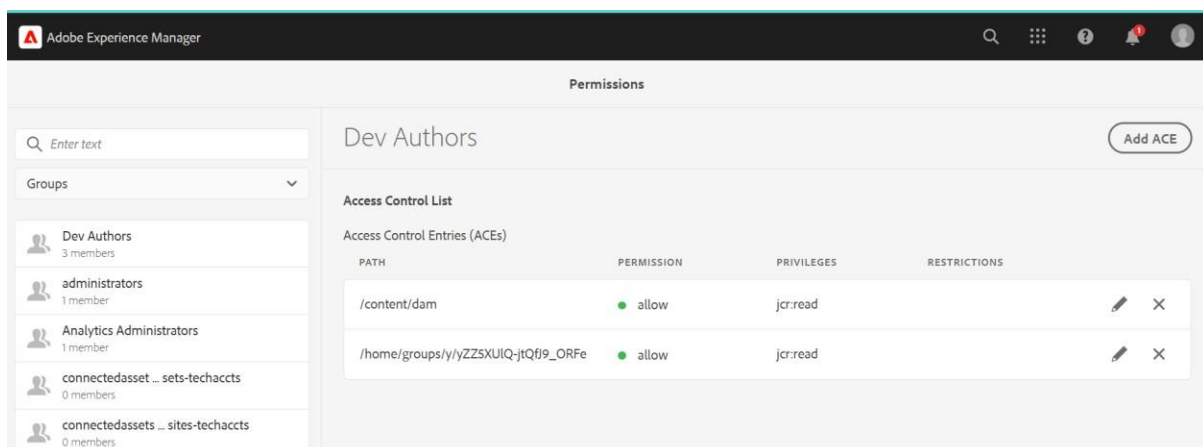
Created a Group

- Navigated to **Tools > Security > Groups**.
- Created a new group (Dev Authors).
- Added the three users to this group.



Assigned Permissions

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



Final Step: Verification

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