API Automation Framework

Requirement 4 From the Manager (Introduce TestNG.xml)

Subject: Requirement to run the tests in Sequence

Hi Team,

Great work so far on implementing ConfigManager, AuthTokenProvider, and reducing the hardcording!

At this stage, all our test classes (LoginAPITest, CountAPITest, MasterAPITest, UserDetailsAPITest) are working well in isolation *which is important because it allows us to run them independently and even in parallel.*

In coming days, we have a Demo planned with the team to showcase the framework that we have built so far.

Now for certain scenarios, we need to execute them in a specific sequence

 (LoginAPITest → UserDetailsAPITest → CountAPITest → MasterAPITest).

To achieve this, we will now introduce a TestNG suite configuration using testng.xml.

Scope of Work

1. Create testng.xml File
  - Define a suite with our current test classes.
  - Arrange classes in the required execution order.
  - Ensure it is simple to add new APIs in future.

2. Maven Command Execution
  - The suite should be triggered from the terminal with:
 mvn clean test -DsuiteXmlFile=testng.xml -Denv=qa

  -Denv=qa will ensure the correct environment config is loaded.

Deliverables
- testng.xml added to the project root.
- Verified sequential execution of LoginAPITest → UserDetailsAPITest → CountAPITest →
MasterAPITest.
- Push these new changes in the github repo with proper commit message

Please complete this as part of Requirement 4.

In the next requirement we need to integrate this project with GitHub actions for Demo!

Thanks,
Your Manager