**IDX Automation Project Guidance :**

1. Setup Java automation framework from below wiki link :

<https://wiki.nbcuni.ge.com/display/NBCUSQE/Instructions+to+setup+Eclipse+IDE+for+Selenium>

1. Download IDX Automation project from below github repository :
2. On command prompt, go to the IDX project directory path, where IDX project is downloaded and execute below command :

e.g :- Example:  C:\projects\IDX\main :

mvn clean install -Dmaven.test.skip=true

1. Import IDX project in eclipse using File->Import->Existing Maven Projects.
2. Setup putty tunnel in the local machine using below steps. Putty tunnel is required to connect to IDX MongoDB Servers. IDX MongoDB scripts will be passed only when this putty session is opened on the local machine.

Session :  
IP 216.178.102.54  
Port 22  
  
Connection :  
Seconds between keepalives: 30  
Check 'Enable TCP keepalives'  
  
Connection / Proxy :  
Proxy type: HTTP  
Proxy hostname: [proxy.inbcu.com](http://proxy.inbcu.com)  
Port: 80  
Do DNS name lookup at proxy end: Yes  
  
Connection / SSH / Tunnels:  
Under 'Add new forwarded port'  
Source port: 27017  
Destination: 216.178.107.248:27017  
Click Add  
  
Be sure to save this setup as something in putty, you can also enter in your sso under Connection / Data / Auto-login username & set up a key under Connection / SSH / Auth if you want to avoid entering in your sso/password every time.  
  
Once you connect & log in with this setup, port 27017 on your desktop should forward to 27017 at 216.178.107.248. So in whatever mongo client you're using, you would connect to 'localhost' port 27017 and use the normal idxqusr / Tu4fq55 username/password for the TURFIDXQ01 database.

1. To run scripts with proxy, make sure to have following configuration in config.properties

# QA Proxy Info

QA.ProxyURL=proxyanbcge.nbc.com

QA.ProxyPort=80

If you don’t include any of above configs, then scripts will run without proxy.

1. To run Regression suite of IDX, include below package in testing.xml :

<packages>

<package name=*"* com.nbcuni.test.nbcidx.member.\**"*/>

</packages>

1. To run Sanity test suite of IDX, include below package in testing.xml :

<packages>

<package name=*"* com.nbcuni.test.nbcidx.sanityWorkflow.\**"*/>

</packages>

1. To report test results in rally include below listener in testing.xml :

<listeners>

<listener class-name=*"com.nbcuni.test.webdriver.CustomWebDriverExceptionListener"*/>

</listeners>

1. To execute/include multiple groups, include below groups in testing.xml :

<groups>

<run>

<include name=*"full"*/>

<include name=*"QA\_Internal"*/>

</run>

</groups>

1. To exclude groups, include below groups in testing.xml :

<groups>

<run>

<include name=*"full"*/>

<exclude name=*"QA\_Internal"*/>

</run>

</groups>

e.g : All internal brand test cases should be exceuted only in QA environment.

**Below IDX member APIs are automated from QC :**

1. member.get
2. member.put
3. member.login
4. member.logout
5. member.link
6. member.link\_noverify
7. member.unlink
8. member.delete
9. member.undelete
10. member.remove

90% of test coverage from QC.