**The Load Testing is done on the api call**

1. Login(https://<domain>/api/roleBasedLogin) -> Student Attendance Report School Wise (https://<domain>/api/attendance/schoolWise)
2. Login(https://<domain>/api/roleBasedLogin) -> Crc Report School Wise(https://<domain>/api/crc/allSchoolWise)
3. Login(https://<domain>/api/roleBasedLogin) -> Semester Report School Wise(https://<domain>/api/sem/allSchoolWise)
4. Login(https://<domain>/api/roleBasedLogin) -> School Infra Map School Wise(https://<domain>/api/infraMap/allSchoolWise)
5. Login(https://<domain>/api/roleBasedLogin) -> School Infra Scatter Plot School Wise(https://<domain>/api/infra/allSchoolWise)

**Prerequisite**

- java 8 need to be installed in the local machine or server

- Jmeter need to be installed in the local machine or server

**1.Execution Step For Student Attendance School-Wise**

* Open the Test\_Student\_Attendance\_School-Wise.jmx file in the jmeter.
* Open the User Defined Variable and fill the values in the Jmeter

BASE\_URL\_1 : Only provide domain name of the cQube Application

Ex : cqube.tibilprojects.com

USERNAME : Username for cQube application

PASSWORD : Password for cQube application

month : In Student Attendance which month is testing

Ex : 10 (For October)

Year : In Student Attendance which year is testing

Ex : 2019

* Save the test script and close the Jmeter
* Run the test script in the terminal
* sh jmeter.sh -n -t “location of the Test\_Student\_Attendance\_School-Wise.jmx” -JUser=100 -JRampUp=1 -l “location of the csv file” -e -o “location to generate the html reports”

Ex : sh jmeter.sh -n -t /home/ubuntu/cQubeLoadTesting/Test\_Student\_Attendance\_School-Wise.jmx -JUser=100 -JRampUp=1 -l /home/ubuntuj//csv/student.csv -e -o /home/ubuntuj//HtmlReports

**Note :**

-Juser =100 (You can increase the number of users)

-JRampUp=1 (You can increase the RampUp period )

**2.Execution Step For Crc School-Wise**

* Open the Test\_Crc\_SchoolWise.jmx file in the jmeter.
* Open the User Defined Variable and fill the values in the Jmeter

BASE\_URL\_1 : Only provide domain name of the cQube Application

Ex : cqube.tibilprojects.com

USERNAME : Username for cQube application

PASSWORD : Password for cQube application

* Save the test script and close the Jmeter
* Run the test script in the terminal
* sh jmeter.sh -n -t “location of the Test\_Crc\_SchoolWise.jmx” -JUser=100 -JRampUp=1 -l “location of the csv file” -e -o “location to generate the html reports”

Ex : sh jmeter.sh -n -t /home/ubuntu/cQubeLoadTesting/Test\_Crc\_SchoolWise.jmx -JUser=100 -JRampUp=1 -l /home/ubuntuj//csv/crc.csv -e -o /home/ubuntuj//HtmlReports

**Note :**

-Juser =100 (You can increase the number of users)

-JRampUp=1 (You can increase the RampUp period )

**3.Execution Step For Semester School-Wise**

* Open the Test\_Semester\_SchoolWise.jmx file in the jmeter.
* Open the User Defined Variable and fill the values in the Jmeter

BASE\_URL\_1 : Only provide domain name of the cQube Application

Ex : cqube.tibilprojects.com

USERNAME : Username for cQube application

PASSWORD : Password for cQube application

* Save the test script and close the Jmeter
* Run the test script in the terminal
* sh jmeter.sh -n -t “location of the Test\_Semester\_SchoolWise.jmx” -JUser=100 -JRampUp=1 -l “location of the csv file” -e -o “location to generate the html reports”

Ex : sh jmeter.sh -n -t /home/ubuntu/cQubeLoadTesting/Test\_Semester\_SchoolWise.jmx -JUser=100 -JRampUp=1 -l /home/ubuntuj//csv/semester.csv -e -o /home/ubuntuj//HtmlReports

**Note :**

-Juser =100 (You can increase the number of users)

-JRampUp=1 (You can increase the RampUp period )

**4.Execution Step For School Infrastructure School-Wise**

* Open the Test\_SchholInfraMap\_SchoolWise.jmx file in the jmeter.
* Open the User Defined Variable and fill the values in the Jmeter

BASE\_URL\_1 : Only provide domain name of the cQube Application

Ex : cqube.tibilprojects.com

USERNAME : Username for cQube application

PASSWORD : Password for cQube application

* Save the test script and close the Jmeter
* Run the test script in the terminal
* sh jmeter.sh -n -t “location of the Test\_SchholInfraMap\_SchoolWise.jmx” -JUser=100 -JRampUp=1 -l “location of the csv file” -e -o “location to generate the html reports”

Ex : sh jmeter.sh -n -t /home/ubuntu/cQubeLoadTesting/Test\_SchholInfraMap\_SchoolWise.jmx -JUser=100 -JRampUp=1 -l /home/ubuntuj//csv/school\_infra\_map.csv -e -o /home/ubuntuj//HtmlReports

**Note :**

-Juser =100 (You can increase the number of users)

-JRampUp=1 (You can increase the RampUp period )

**5.Execution Step For School Infrastructure Report School-wise**

* Open the Test\_SchholInfraReport\_SchoolWise.jmx file in the jmeter.
* Open the User Defined Variable and fill the values in the Jmeter

BASE\_URL\_1 : Only provide domain name of the cQube Application

Ex : cqube.tibilprojects.com

USERNAME : Username for cQube application

PASSWORD : Password for cQube application

* Save the test script and close the Jmeter
* Run the test script in the terminal
* sh jmeter.sh -n -t “location of the Test\_SchholInfraReport\_SchoolWise.jmx ” -JUser=100 -JRampUp=1 -l “location of the csv file” -e -o “location to generate the html reports”

Ex : sh jmeter.sh -n -t /home/ubuntu/cQubeLoadTesting/Test\_SchholInfraReport\_SchoolWise.jmx -JUser=100 -JRampUp=1 -l /home/ubuntuj//csv/school\_infra\_map.csv -e -o /home/ubuntuj//HtmlReports

**Note :**

-Juser =100 (You can increase the number of users)

-JRampUp=1 (You can increase the RampUp period )