



Name

The name of project is QWALLITY application.

Description

For QWALLITY application, should be create test suit, where do any request we can analysis the speed, response time, stability, scalability, thus understanding how the app is performing.

The tests cases, with which should be create test suite is a follow

- Access to server with the 1 user, every user run the set 3 times.
- Login to the system in Postman
- Take token from Postman and give as variable in JMeter
- Get fundamental courses
- Get advanced courses
- Add new course

The performance testing has been implemented with JMeter tool.

Installation

Use the link <https://jmeter.apache.org/> to install the JMeter in your computer.

Usage

- Open JMeter tool as administrator
- Add Thread Group, with click *Edit -> Add -> Threads -> Thread Group*
- Add elements from *Thread Group (QWALLITY)*
- Add *View Results Tree* and *Summary Report* from *Listener*
- Click *Start* for run requests and check result

Performance Test suit

- HTTP Request Defaults - Has been added Protocol and Server name
- HTTP Header Manager – Defined the Authorization as Bearer Token and specified the Content-Type
- HTTP Request (Get Fundamental Course, Get Advanced Course, Add New Course) – Has been added type of request and path
- User Defined Variables – Has been defined variables (token, course_id)
- View Results Tree – Provides the result
- Summary Report - Provides the result