TEAM ARCHER

LOAD TEST FOR THE UPLOAD HOMEWORK FRONT END FUNCTIONALITY

Scenario:

Test 1:

1. Log into the system;
2. Navigate to the course main page
3. Click the upload homework link
4. Go back to the course main page

Points 3 and 4 repeat 3 times

1. Log out

Constant user load of 25 users

**Load Test Summary**

**Test Run Information**

|  |  |
| --- | --- |
| Load test name | UploadHW25Users |
| Description |  |
| Start time | 1/29/2016 2:15:06 AM |
| End time | 1/29/2016 2:20:06 AM |
| Warm-up duration | 00:01:00 |
| Duration | 00:05:00 |
| Controller | Local run |
| Number of agents | 1 |
| Run settings used | Run Settings1 |

**Overall Results**

|  |  |
| --- | --- |
| Max User Load | 25 |
| Tests/Sec | 2.12 |
| Tests Failed | 0 |
| Avg. Test Time (sec) | 10.6 |
| Transactions/Sec | 0 |
| Avg. Transaction Time (sec) | 0 |
| Pages/Sec | 21.2 |
| Avg. Page Time (sec) | 0.47 |
| Requests/Sec | 112 |
| Requests Failed | 0 |
| Requests Cached Percentage | 64.9 |
| Avg. Response Time (sec) | 0.19 |
| Avg. Content Length (bytes) | 2,860 |

**Key Statistic: Top 5 Slowest Pages**

|  |  |
| --- | --- |
| URL (Link to More Details) | 95% Page Time (sec) |
| [http://stage.telerikacademy.com/Users/Au...](page:13) | 1.20 |
| [http://stage.telerikacademy.com/Users/Au...](page:29) | 1.10 |
| [http://stage.telerikacademy.com/Courses/...](page:23) | 0.85 |
| [http://stage.telerikacademy.com/Courses/...](page:28) | 0.62 |
| [http://stage.telerikacademy.com/](page:1) | 0.59 |

**Key Statistic: Top 5 Slowest Tests**

|  |  |
| --- | --- |
| Name | 95% Test Time (sec) |
| [UploadHW](test:0) | 12.1 |

** Test Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Scenario | Total Tests | Failed Tests (% of total) | Avg. Test Time (sec) |
| [UploadHW](test:0) | UploadHW25Users | 637 | 0 (0) | 10.6 |

** Page Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL (Link to More Details) | Scenario | Test | Avg. Page Time (sec) | Count |
| [http://stage.telerikacademy.com/Users/Auth/Login {POST}](page:13) | UploadHW25Users | UploadHW | 0.79 | 634 |
| [http://stage.telerikacademy.com/Users/Auth/LogOut](page:29) | UploadHW25Users | UploadHW | 0.58 | 638 |
| [http://stage.telerikacademy.com/Courses/Courses/Details/265](page:23) | UploadHW25Users | UploadHW | 0.44 | 1,905 |
| [http://stage.telerikacademy.com/Courses/Homework/Submit/56](page:28) | UploadHW25Users | UploadHW | 0.41 | 1,909 |
| [http://stage.telerikacademy.com/](page:1) | UploadHW25Users | UploadHW | 0.37 | 634 |
| [http://stage.telerikacademy.com/Users/Auth/Login {GET}](page:10) | UploadHW25Users | UploadHW | 0.36 | 632 |

** Transaction Results**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Scenario | Test | Response Time (sec) | Elapsed Time (sec) | Count |

** System Under Test Resources**

|  |  |  |
| --- | --- | --- |
| Machine Name | % Processor Time | Available Memory at Test Completion (Mb) |

** Controller and Agents Resources**

|  |  |  |
| --- | --- | --- |
| Machine Name | % Processor Time | Available Memory at Test Completion (Mb) |
| [ACERAO756](graph:Controller%20and%20Agents) | 26.0 | 2,956 |

** Errors**

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Subtype | Count | Last Message |

|  |
| --- |
| **Key Indicators** |
| C:\Users\velizar\AppData\Local\Temp\ltm_graph1.png |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | | | | | | | | | | Counter | Instance | Category | Computer | Color | Range | Min | Max | Avg. | | User Load | \_Total | LoadTest:Scenario | ACERAO756 |  | 100 | 25 | 25 | 25 | | Pages/Sec | \_Total | LoadTest:Page | ACERAO756 |  | 100 | 0 | 24.2 | 21.2 | | Avg. Page Time | \_Total | LoadTest:Page | ACERAO756 |  | 10 | 0.33 | 1.52 | 0.47 | | Errors/Sec | \_Total | LoadTest:Errors | ACERAO756 |  | 0 | 0 | 0 | 0 | | Threshold Violations/Sec | \_Total | LoadTest:Errors | ACERAO756 |  | 1 | 0 | 0.80 | 0.040 | |

|  |
| --- |
| **Page Response Time** |
| C:\Users\velizar\AppData\Local\Temp\ltm_graph1.png |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | | | | | | | | | | Counter | Instance | Category | Computer | Color | Range | Min | Max | Avg. | | Avg. Page Time | LogOut{GET} | LoadTest:Page | ACERAO756 |  | 3 | 0.39 | 2.24 | 0.58 | | Avg. Page Time | 56{GET} | LoadTest:Page | ACERAO756 |  | 3 | 0.28 | 1.15 | 0.41 | | Avg. Page Time | 265{GET} | LoadTest:Page | ACERAO756 |  | 3 | 0.31 | 1.44 | 0.44 | | Avg. Page Time | Login{POST} | LoadTest:Page | ACERAO756 |  | 3 | 0.55 | 1.60 | 0.79 | | Avg. Page Time | Login{GET} | LoadTest:Page | ACERAO756 |  | 3 | 0.23 | 1.86 | 0.36 | | Avg. Page Time | stage-telerikacademy-com{GET} | LoadTest:Page | ACERAO756 |  | 3 | 0.23 | 1.93 | 0.37 | |

|  |
| --- |
| **Controller and Agents** |
| C:\Users\velizar\AppData\Local\Temp\ltm_graph1.png |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | | | | | | | | | | Counter | Instance | Category | Computer | Color | Range | Min | Max | Avg. | | % Processor Time | 0 | Processor | ACERAO756 |  | 100 | 17.4 | 65.7 | 26.6 | | Available MBytes | - | Memory | ACERAO756 |  | 10,000 | 2,497 | 2,991 | 2,611 | |