TEAM ARCHER

LOAD TEST FOR THE EXAM REGISTERING FRONT END FUNCTIONALITY

Scenario:

Test 1:

1. Log into the system;
2. Request exam registering page
3. Reload exam registering page 10 times
4. Log out

The number of users is constant 100 users.

**Load Test Summary**

**Test Run Information**

|  |  |
| --- | --- |
| Load test name | ExamRegistering1 |
| Description |  |
| Start time | 1/29/2016 5:12:19 AM |
| End time | 1/29/2016 5:17:19 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 | 100 |
| Tests/Sec | 1.69 |
| Tests Failed | 11 |
| Avg. Test Time (sec) | 37.1 |
| Transactions/Sec | 0 |
| Avg. Transaction Time (sec) | 0 |
| Pages/Sec | 25.5 |
| Avg. Page Time (sec) | 3.37 |
| Requests/Sec | 132 |
| Requests Failed | 51 |
| Requests Cached Percentage | 62.3 |
| Avg. Response Time (sec) | 0.94 |
| Avg. Content Length (bytes) | 8,024 |

**Key Statistic: Top 5 Slowest Pages**

|  |  |
| --- | --- |
| URL (Link to More Details) | 95% Page Time (sec) |
| [http://stage.telerikacademy.com/](page:2) | 300 |
| [http://stage.telerikacademy.com/Users/Au...](page:20) | 5.11 |
| [http://stage.telerikacademy.com/Users/Au...](page:19) | 5.04 |
| [http://stage.telerikacademy.com/Users/Au...](page:26) | 3.73 |
| [http://stage.telerikacademy.com/Courses/...](page:24) | 3.06 |

**Key Statistic: Top 5 Slowest Tests**

|  |  |
| --- | --- |
| Name | 95% Test Time (sec) |
| [ExamRegistering1](test:0) | 141 |

** Test Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Scenario | Total Tests | Failed Tests (% of total) | Avg. Test Time (sec) |
| [ExamRegistering1](test:0) | ExamRegistering | 506 | 11 (2.17) | 37.1 |

** Page Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL (Link to More Details) | Scenario | Test | Avg. Page Time (sec) | Count |
| [http://stage.telerikacademy.com/](page:2) | ExamRegistering | ExamRegistering1 | 25.5 | 586 |
| [http://stage.telerikacademy.com/Users/Auth/Login {GET}](page:19) | ExamRegistering | ExamRegistering1 | 3.50 | 586 |
| [http://stage.telerikacademy.com/Users/Auth/Login {POST}](page:20) | ExamRegistering | ExamRegistering1 | 2.72 | 579 |
| [http://stage.telerikacademy.com/Users/Auth/LogOut](page:26) | ExamRegistering | ExamRegistering1 | 1.40 | 506 |
| [http://stage.telerikacademy.com/Courses/PracticalExams/Select/265](page:24) | ExamRegistering | ExamRegistering1 | 1.21 | 5,405 |

** 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) | 29.0 | 1,561 |

** Errors**

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Subtype | Count | Last Message |
| [Timeout](error:0) | Timeout | 39 | Request timed out |
| [Validation Rule Error](error:1) | ValidateResponseUrl | 11 | The value of the ExpectedResponseUrl property 'http://stage.telerikacademy.com/' does not equal the actual response URL 'http://stage.telerikacademy.com/Users/Auth/Login'. QueryString parameters were ignored. |
| [Exception](error:2) | SocketException | 2 | An established connection was aborted by the software in your host machine |

|  |
| --- |
| **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 | 100 | 100 | 100 | | Pages/Sec | \_Total | LoadTest:Page | ACERAO756 |  | 100 | 0.40 | 38.0 | 25.5 | | Avg. Page Time | \_Total | LoadTest:Page | ACERAO756 |  | 100 | 0.77 | 46.6 | 3.37 | | Errors/Sec | \_Total | LoadTest:Errors | ACERAO756 |  | 10 | 0 | 1.80 | 0.17 | | Threshold Violations/Sec | \_Total | LoadTest:Errors | ACERAO756 |  | 0 | 0 | 0 | 0 | |

|  |
| --- |
| **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 |  | 115 | 0.71 | 7.59 | 1.40 | | Avg. Page Time | 265{GET} | LoadTest:Page | ACERAO756 |  | 115 | 0.73 | 11.4 | 1.21 | | Avg. Page Time | Login{POST} | LoadTest:Page | ACERAO756 |  | 115 | 1.02 | 18.3 | 2.72 | | Avg. Page Time | Login{GET} | LoadTest:Page | ACERAO756 |  | 115 | 0.47 | 43.9 | 3.50 | | Avg. Page Time | stage-telerikacademy-com{GET} | LoadTest:Page | ACERAO756 |  | 115 | 0.41 | 115 | 25.5 | |

|  |
| --- |
| **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 | 20.8 | 51.5 | 29.0 | | Available MBytes | - | Memory | ACERAO756 |  | 10,000 | 1,498 | 1,593 | 1,559 | |