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

Increasing user load starting at 1 user each minute adding 25 users

Test duration: 5 minutes

**Load Test Summary**

**Test Run Information**

|  |  |
| --- | --- |
| Load test name | UploadHW1To100Users |
| Description |  |
| Start time | 1/29/2016 1:54:52 AM |
| End time | 1/29/2016 1:59:52 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 | 0.96 |
| Tests Failed | 1 |
| Avg. Test Time (sec) | 30.9 |
| Transactions/Sec | 0 |
| Avg. Transaction Time (sec) | 0 |
| Pages/Sec | 11.0 |
| Avg. Page Time (sec) | 2.63 |
| Requests/Sec | 62.1 |
| Requests Failed | 2 |
| Requests Cached Percentage | 62.8 |
| Avg. Response Time (sec) | 0.89 |
| Avg. Content Length (bytes) | 19,826 |

**Key Statistic: Top 5 Slowest Pages**

|  |  |
| --- | --- |
| URL (Link to More Details) | 95% Page Time (sec) |
| [http://stage.telerikacademy.com/](page:0) | 42.4 |
| [http://stage.telerikacademy.com/Users/Au...](page:22) | 9.39 |
| [http://stage.telerikacademy.com/Users/Au...](page:29) | 6.92 |
| [http://stage.telerikacademy.com/Users/Au...](page:4) | 6.33 |
| [http://stage.telerikacademy.com/Courses/...](page:20) | 6.09 |

**Key Statistic: Top 5 Slowest Tests**

|  |  |
| --- | --- |
| Name | 95% Test Time (sec) |
| [UploadHW](test:0) | 59.5 |

** Test Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Scenario | Total Tests | Failed Tests (% of total) | Avg. Test Time (sec) |
| [UploadHW](test:0) | UploadHW1To100Users | 288 | 1 (0.35) | 30.9 |

** Page Results**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| URL (Link to More Details) | Scenario | Test | Avg. Page Time (sec) | Count |
| [http://stage.telerikacademy.com/](page:0) | UploadHW1To100Users | UploadHW | 10.1 | 371 |
| [http://stage.telerikacademy.com/Users/Auth/Login {POST}](page:22) | UploadHW1To100Users | UploadHW | 2.59 | 353 |
| [http://stage.telerikacademy.com/Users/Auth/Login {GET}](page:4) | UploadHW1To100Users | UploadHW | 2.10 | 365 |
| [http://stage.telerikacademy.com/Users/Auth/LogOut](page:29) | UploadHW1To100Users | UploadHW | 2.08 | 288 |
| [http://stage.telerikacademy.com/Courses/Courses/Details/265](page:20) | UploadHW1To100Users | UploadHW | 1.53 | 977 |
| [http://stage.telerikacademy.com/Courses/Homework/Submit/56](page:28) | UploadHW1To100Users | UploadHW | 1.22 | 955 |

** 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) | 32.6 | 2,428 |

** Errors**

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Subtype | Count | Last Message |
| [Exception](error:0) | SocketException | 2 | A connection attempt failed because the connected party did not properly respond after a period of time, or established connection failed because connected host has failed to respond 79.124.44.83:80 |

|  |
| --- |
| **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 | 1 | 100 | 51 | | Pages/Sec | \_Total | LoadTest:Page | ACERAO756 |  | 100 | 0 | 35.6 | 11.0 | | Avg. Page Time | \_Total | LoadTest:Page | ACERAO756 |  | 100 | 0.26 | 31.1 | 2.63 | | Errors/Sec | \_Total | LoadTest:Errors | ACERAO756 |  | 1 | 0 | 0.20 | 0.0067 | | Threshold Violations/Sec | \_Total | LoadTest:Errors | ACERAO756 |  | 1 | 0 | 0.80 | 0.68 | |

|  |
| --- |
| **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 |  | 43 | 0.29 | 14.3 | 2.08 | | Avg. Page Time | 56{GET} | LoadTest:Page | ACERAO756 |  | 43 | 0.31 | 8.96 | 1.22 | | Avg. Page Time | 265{GET} | LoadTest:Page | ACERAO756 |  | 43 | 0.18 | 8.93 | 1.53 | | Avg. Page Time | Login{POST} | LoadTest:Page | ACERAO756 |  | 43 | 0.57 | 29.0 | 2.58 | | Avg. Page Time | Login{GET} | LoadTest:Page | ACERAO756 |  | 43 | 0.10 | 15.2 | 2.09 | | Avg. Page Time | stage-telerikacademy-com{GET} | LoadTest:Page | ACERAO756 |  | 43 | 0.077 | 42.2 | 10.1 | |

|  |
| --- |
| **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 | 18.1 | 68.2 | 36.4 | | Available MBytes | - | Memory | ACERAO756 |  | 10,000 | 2,427 | 2,642 | 2,522 | |