Telerik Academy Learning System

Test plan

Project URL:

***http://stage.telerikacademy.com/***

*Document Revision History*

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| --- | --- | --- | --- |
| Date | Version | Comment | Author |
| 23.11.15 | 1.0 | Initial version | I. Havalyova |
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10. **Introduction**

Telerik Academy Learning System is student system developed for the purpose of training at the Telerik Academy. It is built and maintained by the Academy of Telerik

centralized information system, which stored information about training courses, participants in the Telerik Academy, their results in the courses (homework, projects, assessments and achievements), schedules classrooms, courses and workshops, and other information related to teaching and activities in the Academy.

1. **Objective**

The objective of this test plan is to ensure that the performance of the Telerik Academy Student System listed in article 4a of this document are tested. The top priority functionalities to be tester for performance issues and bottlenecks are “Access to lectures/presentations/home works” and “Messages”. The “Log in”, “Registration” and “Friends” features are a medium priority. Low priority features for performance testing are “Course enrollment” and “Changing the form of training – attendance / online”. The functionalities that invoke the database for access to its content as the messaging system and the database of all the lectures, presentations and home works must be optimized to now slow down the system, especially in cases where multiple user are accessing the at the same time. The “Friends” management system is not as performance dependent as the top priority ones but in a future state it may also generate a large amount of data to be transferred if the user list manages to grow large so it should also be specifically tested to ensure adequate future behavior.

1. **Team members**

|  |  |  |
| --- | --- | --- |
| Name | Role | User |
| Decho Dechev | QA | decho.D |
| Dimitar Panayotov | QA | The.Bager |
| Ilvie Havalyova | QA | havaliova |
| Yane Yosifov | QA | Curiosity |

1. **Scope**
   1. Functions to be tested by the team

|  |  |
| --- | --- |
| Users | Admin |
| Changing the form of training - attendance / online | Front |
| Access to lectures / presentations / home works | Front |
| Courses enrollment | Front |
| Registration | Front |
| Log in | Front |
| Friends | Front |
| Messages | Front |

* 1. Functions not to be tested

All other not mentioned above in section 4.a

1. **Test strategy** 
   1. Performance testing
   2. Tools
2. **Test Tools**

|  |  |  |
| --- | --- | --- |
| Tool Name | Vendor | Version |
| Telerik Team Pulse | Telerik |  |
| Selenium | Open Source |  |
| Telerik Test Studio | Telerik |  |