# Telerik QA Track – Intermediate Exam #1 – October 2014

## Problem 1. Bug Reports

You are given one video showing bug in the Telerik's ASP.NET Scheduler functionality. Your task is to watch it, navigate to the URL shown in the video and prepare bug report.

* Identify the bug
* Reproduce it
* Write bug report

### ASP AJAX control bug

Watch <http://tinyurl.com/qaacademy1>**.** Go to <http://demos.telerik.com/aspnet-ajax/> and try to reproduce it.Prepare a **bug report** containing all **necessary information** for logging the report in a bug tracking system. Try to **isolate** the minimum steps required for reproducing the bug, removing any steps that are not really influencing the behavior.The **report** should be presented in a **table in word** document.

**10 points**

## Problem 2. Test Studio

1. Make functional web test using Test Studio. The test should navigate to the following URL: <http://demos.telerik.com/kendo-ui>. Verify the existence of Grid control demo and open it.

Go to Inline Editing page of the demo (use the navigation links on the left).

* Verify that:
* The grid is loaded
* The buttons (except for the pager control) exist and check their text
* The Pager control is enabled
* The count of the grid rows
* Verify the “Go to Last Page” functionality of the Pager control.

1. Make a second functional web test. It should navigate to the following URL: <http://test.telerikacademy.com>.
   * Make a negative login test that provides wrong credentials. Verify the validation message.
   * Now provide a valid credentials (your own) and Login. Verify that the correct page is loaded and that the correct account logged in.

Hint: If you wish to hide your passwords, there is a way to encrypt in the recorded step.

* + Now use the two steps that provide user and password to login with two different users – yours and academy/telerik. The logged user verification step should be also adjusted so it verifies the correct logged user.

1. Create a new web test that uses as first step the test from task 1. Make sure that you are on the first page of the Grid.
   * Verify in **one step** that the first column of the first four rows exists and in another step (coded) write its text content in the execution log.

Hint: The find expressions of these four columns are very similar with each other. Use element find expression data binding.

Hint: If you have problems with an element, don’t forget that you can always change its find expression.

When navigating through pages, don’t forget to make sure that the right content is loaded.

**40 points**

## Problem 3. Selenium Web Driver

You are the only QA Engineer who tests the Telerik Academy Learning System and your task is to make a test to apply for Software Academy using Selenium Web Driver.

Environment:

* Testing instances of the real system - [http://test.telerikacademy.com/](http://test.telerikacademy.com/SoftwareAcademy/Candidate)
* Data base without application stored

Scenario:

* Go to [http://test.telerikacademy.com/](http://test.telerikacademy.com/SoftwareAcademy/Candidate) and log in.
* Apply for Software Academy (“Софтуерна академия” -> “Кандидатстване за академията”). Fill all required fields to make your application successful.
* Go to Candidates Administration (Admin panel - > “Кандидати” modul). Verify that your application is stored, using your unique information.
* Delete your application and verify that it is deleted.

Think of an appropriate way to organize your tests and use

* + **Page Object Model**
  + **Base test class** with methods missing in selenium WebDriver

Hint: Always delete your application manually or automatically to know that the table is empty!

**50 points**

### Terms and Conditions:

During the exam you are allowed to use any teaching materials, lectures, books, existing source code, and other paper or Internet resources.

Direct or indirect communication with anybody in class or outside is forbidden. This includes but does not limit to technical conversations with other students, using mobile phones, chat software (Skype, ICQ, etc.), email, forum posts, etc.

### Exam Duration:

Students are allowed to work up to 4 hours.