**Telerik QA Track 2014**

**Exam #2 Preparation**

## Test

Test part URL: <https://testmoz.com/169646>

Test user: username from student system (<http://telerikacademy.com/>)

Test pass: qaacademy2013

## Decision Table

Create a decision table for the following case:

A telephone company service plan charges 25 cents for each call made. In addition, it charges 5 cents a minute for all calls made to a phone number that has a service plan with the company. Or, if the call is to a phone that does not have a service plan with the company, it charges 15 cents a minute for calls that last less than 20 minutes or ten cents a minute for calls that last 20 minutes or longer.

## Equivalence partitioning and Boundary Value Analysis

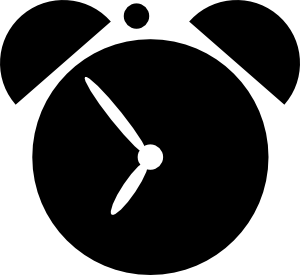
Go to <http://demos.kendoui.com/web/listview/editing.html>. Use Equivalence Partitioning and Boundary Value analysis to design test cases for Product Name, Unit Price and Units in Stock when adding a new record. Write the cases you’re going to cover and the expected result (success / error message / not accepted (no action) etc.) in a table like the one below.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Name** | | | **Unit Price** | | | **Unit in Stock** | | |
| **Logical Test Cases** | **Concrete Test Cases** | **Expected Result** | **Logical Test Cases** | **Concrete Test Cases** | **Expected Result** | **Logical Test Cases** | **Concrete Test Cases** | **Expected Result** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

## State Transition Table

You have an alarm clock where alarms can be added, set and deleted. When we set an alarm it is automatically turned on and activates when the time of the alarm comes. While it’s active you can either snooze or stop it. You can deactivate the alarm by turning it off or deleting it.

Slider turning alarm on and off



7

00

Snooze

Stop

7

00

Set

Cancel

Alarms

07:00

Off: Work

08:00

On: Tuesdays

add

delete

Your task is to prepare a State transition table. (Use the table below as a template)

|  |  |  |  |
| --- | --- | --- | --- |
| **State** | **Event** | **Action** | **Next State** |
|  |  |  |  |
|  |  |  |  |

## Sikuli

### Problem 1

Open a browser, load “<http://www.google.bg/>”, search into images tab for ‘telerik academy’, choose an image and from the context menu for it select [copy link address]. After that load into the address bar that URL.

Optional: Try to port to HTMLTestRunner format the test and execute it.

### Problem 2

Go to [here](http://tinyurl.com/qa-academy-siluli-2) (or [here](http://tinyurl.com/qa-academy-siluli)) where you will find 2 similar pictures. Your task is to find the differences and highlight them consequently, first on the left then on the right picture using Sikuli IDE. Find at least 4 differences. Record the test using up to 5 pictures. The Red and blue vertical lines and the ruler could be useful. The size of the highlighted area doesn’t matter, as long as it clearly shows the differences.

Optional: Try to port to HTMLTestRunner format the tests and execute it.

Hint: Consider reusing your code.

## Telerik Testing Framework

Make functional web tests using Telerik Testing Framework. The tests should navigate to the following URL: <http://demos.telerik.com/aspnet-ajax/grid/>

### Problem 1

* Navigate to all controls, chose ClientDataSource and verify you are on the correct page
* From left menu select Application Scenarios -> Integration with RadGrid and verify you are on the correct page
* Verify Add new record functionality works correctly

### Problem 2

* Navigate to all controls, chose Data Form and verify you are on the correct page
* From left menu select Application Scenarios -> Integration with RadGrid and verify you are on the correct page
* Verify Edit functionality works correctly