Task Test: Using ‘job-interview-questions’, previous solutions and ISTQB try to solve tests

Task EP&BVA: Using previous solutions analyze and create proper test cases

Task State Transition Table: [execute valid and invalid state transitions] – [system & customer PointOfView]

Also try to create a diagram of user/system interactions and consider user/system POView.

Task Searching for Code Performance Bottlenecks using Dynamic Analysis: Using profiler tool try to find and isolate ‘hotspots’. The most problematic places are loops, duplicated code, incorrect processing and invocation of code(You can use previous solutions to get ideas where to look). You can use ‘Stop-watch’ to show time improvement.

Task Finding Coding Standards Violations Using StyleCop: Search and apply for correct settings according to task. Then find and fix issues. To configure: Right click on Project name is Solution Explorer > StyleCop Setttings > Select only rules needed > Run.

Task Silverlight Web Testing: Using Windows Inspect.exe locate and use proper parent-child elements in the Object-tree model. Consider ‘wait’ commands to avoid errors!

Task Sikuli: As pre-condition install Sikuli.jar and configure. Find a way to use/configure HTMLTestRunner. When using Phyton be very careful with sensitive syntax! Try to create and use variables (especially for images ) in order to avoid repeating code. Run from runIDE.cmd and use previous solutions as templates. You must open \*.sikuli folder. Try to develop according to OOP! When working with rectangles, You can use:

pic = “dummy-pic.jpg”

def myRectangle(pic):

diff = find(pic)

diff.highlight(1)

wait(0.5)

Task Decision Table: Consider all possible combinations (TC1…TC#)! After table with Condition and Action is created – find a way to collapse and optimized it!

Task Test Studio Stand Alone:

You can use previous test-preparation-projects to get SKELETON(BaseTest etc.). Try to implement OOP principles, DRY(e.g. reuse logic for navigating to home page) & SOLID

Download the ASP.NET project and

Run the project following this steps:

1. Unzip the project

2. Open Visual Studio and choose File -> Open -> Web Site

3. Navigate to the unzipped project

4. Run the project

You must create startWebDev.ps1 (navigate script to .sln || .csproj).

Task Test Studio Framework: As pre-condition You must install/configure/reference Test Studio Framework. In case of WPF, please see “Task Silverlight Web Testing”.