Software QA & T Assignment



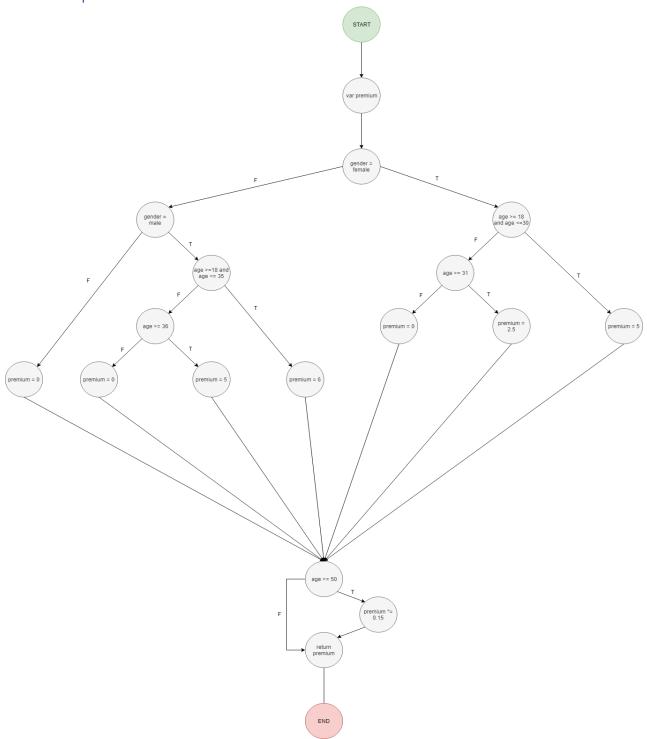


Figure 1 Flow Graph. For the uncompressed version, see GitHub Repo

Calculating Cyclomatic Complexity

Cyclomatic Complexity = $\#Edges - \#Nodes + 2(\#Exit\ Points)$

Cyclomatic Complexity = 25 - 17 + 2(1)

Cyclomatic Complexity = 10



Figure 1 Visual Studio Confirms that the Cyclomatic Complexity is 10

Black Box Testing with Fitnesse

Test System: fit:fitsharp\build\debug\Runner.exe

 $variable\ defined:\ COMMAND_PATTERN=\%m\ -r\ fitnesse. fitserver. FitServer, fitsharp \ build \ debug \ fit.dll\ \%p \\ variable\ defined:\ TEST_RUNNER=fitsharp \ build \ debug \ Runner. exe$

classpath: D:\repos\insurance-premium-calculator\insurance-premium-calculator.Tests\bin\Debug\insurance-premium-calculator.Tests.dll

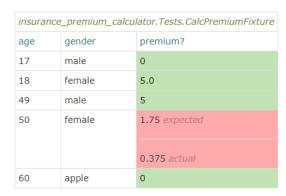


Figure 3 Acceptance test results of black box test cases

Jenkins CI

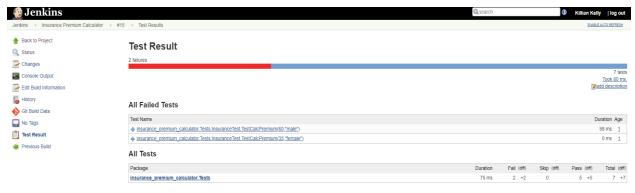


Figure 4 Jenkins build results