

IT314 Software Engineering

Lab 6

Course Instructor : Proff. Saurabh Tiwari



***Dhirubhai Ambani Institute of
Information and Communication
Technology***

Name :	BARAIYA BHAVESH HIMMATBHAI
Stud Id. :	202101241
Lab Group :	4
Date of Sub. :	2023.09.20

Think over the following questions:

- ***How would you represent testing of the application with multiple browsers?***

→ We can first use a fork for running both test processes concurrently. After joining them there is a condition if(test1 failed | test2 failed) then we head back to the modification phase, Otherwise move further.

- ***Can generation of the patch file and update the Subversion repository be done Concurrently?***

→ No, before updating the subversion directory we need to generate a patch file using code which is in the subversion directory and modified code. After that we can update the subversion directory.

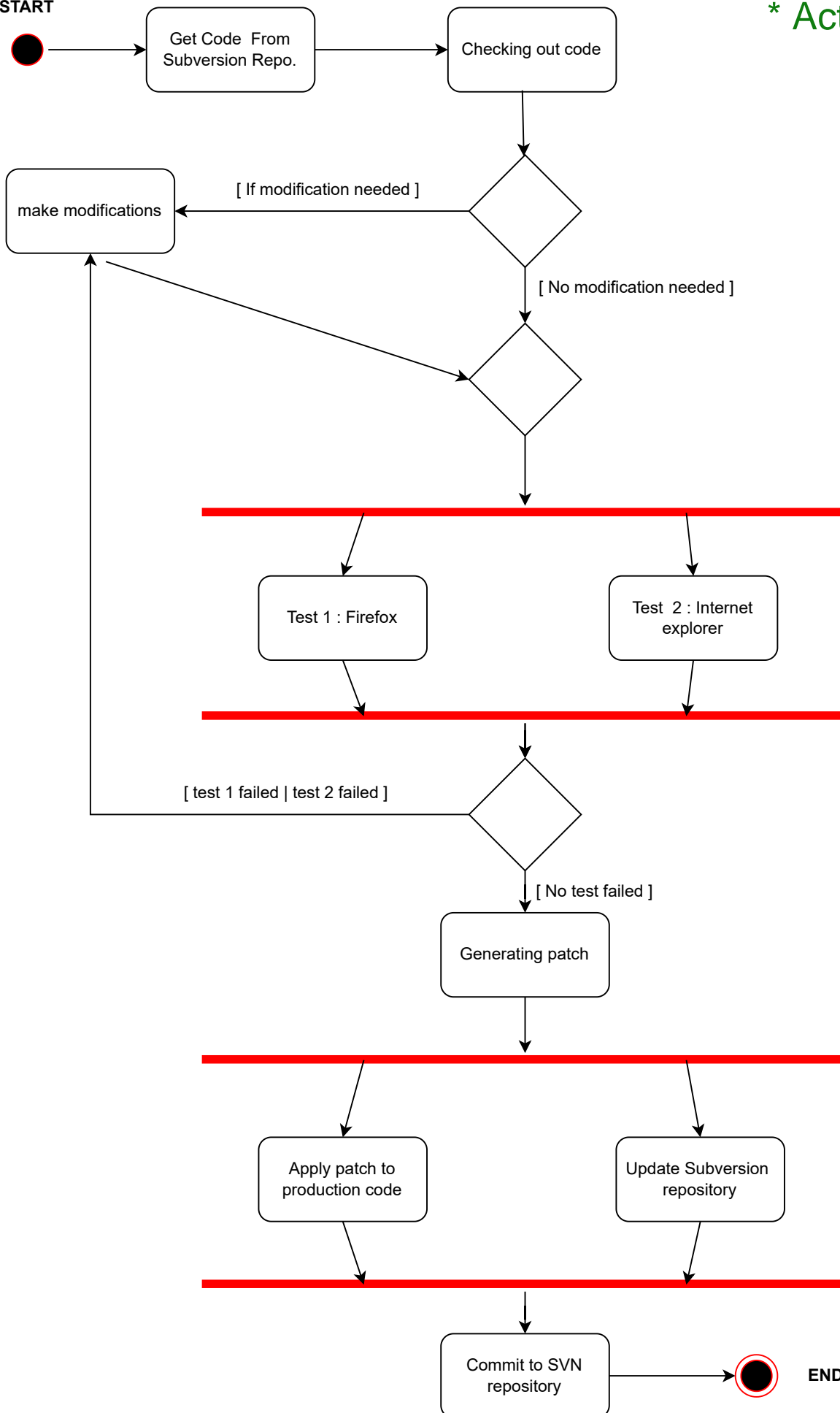
- ***Can patching the production code and updating the Subversion repository be done in Parallel?***

→ Yes, both processes are totally independent. We can run them in parallel.

- *In the following two pages there is an Activity diagram and Class diagram.*

START

* Activity Diagram



* Class Diagram : Library System

