

Lab V: Activity & Class Diagram

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Question: 1

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

Answer

After the necessary modifications have been made in the local code, we can create a fork branch in our activity diagram which will represent parallel testing in multiple browsers.

Question: 2

Can generation of the patch file and update the Subversion repository be done concurrently?

Answer

No, generation of a patch file and updating the subversion repository cannot be done at the same time because the local copy is committed before generating a patch file, then local changes would get registered, and one won't be further able to generate the patch file.

Question: 3

Can patching the production code and updating the Subversion repository be done in parallel?

Answer

Yes, patching the production code and the subversion repository can be done in parallel using fork branch.

Activity Flow Diagram: Attached as the next page

Developer



checking
out the code from
Subversion repository.

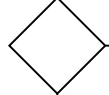
Necessary modifications
made to the checked out code.
(local copy).

Tester

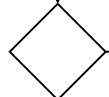
Test in Chrome

Test in FireFox

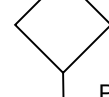
Test in InternetExplorer



Fail



Fail



Fail



Fix
Bugs

Pass

Pass

Pass

Developer

Generating the Patch File

Final Stage

Patch file being applied to the
production code

Committing Changes in the
local code

