

IT-313: Software Engineering

Group-2

Lab-6

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Consider the following questions:

1) To depict application testing with various browsers, we must utilize a fork so that both operations are completed and output is generated at the same time.

2) There will be no 1st patch file written, followed by the patch being applied to the production code and the Subversion repository being updated.

3) Applying Patch to Production Code: After successfully producing the patch, you can proceed to this stage. The workRow is completed when the patch is applied to the production code. Committing Changes to the SVN Repository: This stage can only be reached after the patch has been applied to the production code. The SVN repository is updated after the modifications are committed. This stage can also directly be reached by choosing not to create a patch file and directly uploading the code to the SVN repository.

Learning Objectives

1) Identify the fundamental pieces of work and depict the workRow.

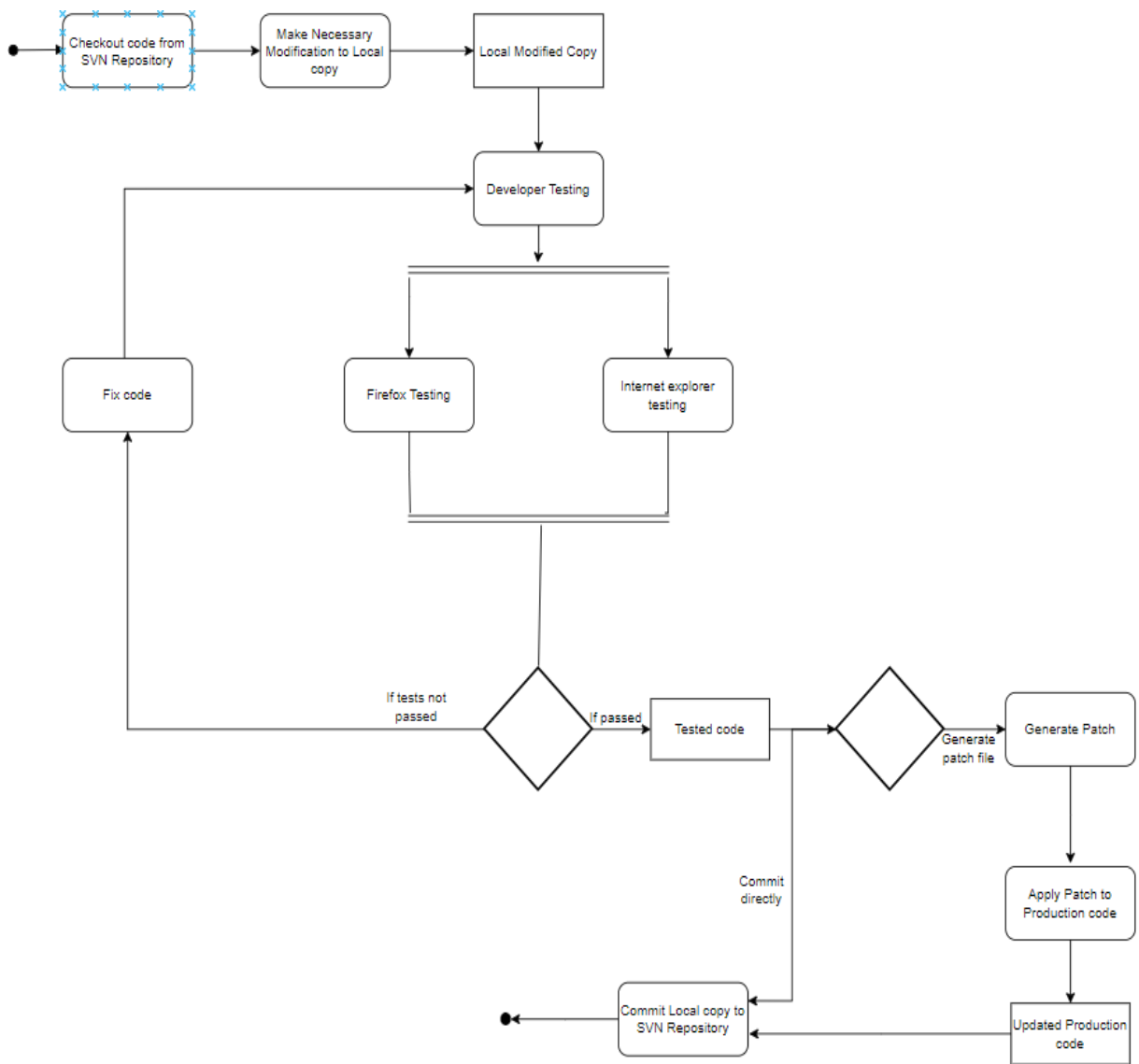
First, a clone of the repository is created, then changes are made to the local code, and the process is repeated in Firefox and Internet Explorer concurrently. If all browsers pass the test, the operation will proceed; if not, it will build a patch file, commit the local copy of the code, and then update the SVN repository.

2)Identify activities that can be done concurrently.

The code will be checked in both browsers (Firefox and Internet Explorer) at the sametime.

3)Identify stages where progress can be made only if a set of conditions is met.

- 1.If at least one of the two browsers (Internet Explorer and Firefox) fails thetesting at the checking step, the code must be updated.
- 2.If the local copy is committed before attempting to create a patch 1le, thepatch 1le cannot be created.



Class Diagram (Issue sprint) :-

