# IT313 Software Engineering

# LAB – 6

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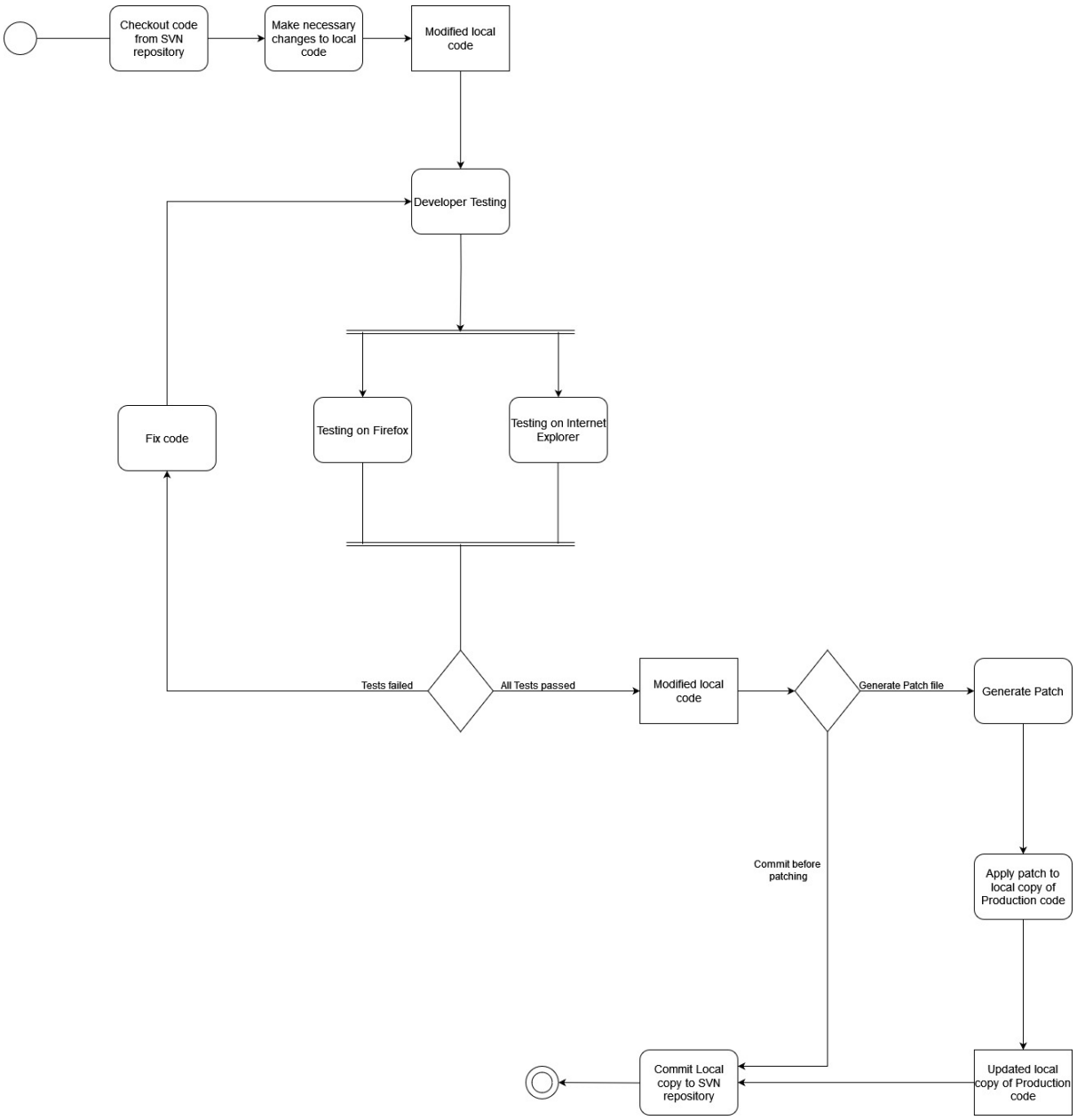
**Exercise: Draw an activity diagram to graphically represent the following workflow**



**Think over the following questions:**

1) To depict application testing with various browsers, we use a fork to complete and get the output of both operations simultaneously.

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

3Applying Patch to Production Code: You can go on to this step if the patch has been successfully produced. The procedure concludes when the patch is applied to the production code.

Committing changes to the SVN repository: Following the commit of the patched code, the SVN repository is updated. If a patch file is not created, this level can also be reached directly by simply committing the code to the SVN repository directly without patching.

**Learning Objectives:**

The objective of this system is to provide knowledge on the fundamental aspects of activity diagrams. As such, it lacks certain features as listed below, which a dedicated UML Diagram editor should have the following:

- This system lets you represent at most five parallel activities.
- Nested decisions could not be taken here, which might be quite essential in complex workflows.
- A decision could not be taken immediately after a merge point.
- Nested activity diagrams have not been implemented.

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**Class diagram:**