IT-314
Software Engineering
Lab-6

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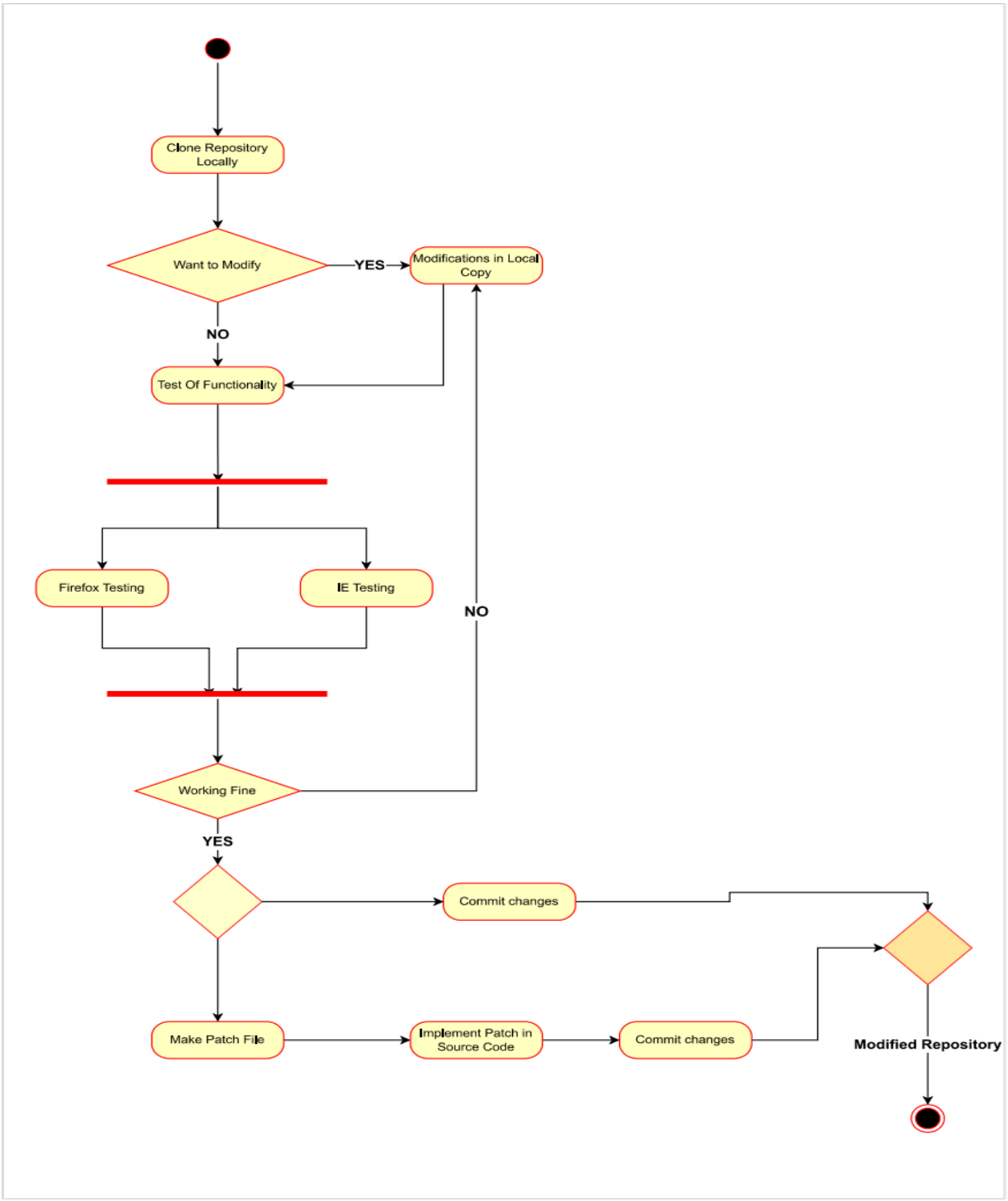
Activity Diagram:



Think over the following questions:

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

Ans:- For the purpose of testing the program across many browsers, we must use a fork to make sure that both tasks are completed simultaneously and that output is generated.

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

Ans:- No, the patch file will be created first, after which the production code will be patched, and finally the Subversion repository will be updated.

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

Ans:- Applying the Patch to Production Code: This step may be done when the patch has been properly created. Applying the change to the production code completes the process. After the production code has been patched, this phase can only be finished. Committing Changes to SVN Repository. Once the changes are committed, the SVN repository is updated.

Learning Objectives:

Identify the basic units of work, and visualize the workflow

The process involves creating a copy of the repository, making adjustments to the local code,and then running Firefox and Internet Explorer simultaneously. The process will execute if the local copy of the code is committed and every browser passes the test; otherwise, it will produce a patch file, commit the local copy of the code, and then update the SVN repository.

Identify stages from where progress could be made only after a list of criteria is Satisfied

1. The code must be changed if at least one of the two browsers (InternetExplorer and Firefox) fails the testing at the checking step.
2. If the local copy is committed before creating a patch file, in which case the patch file cannot be created.

Class Diagram (Book Issue Print):