



IT-314

(Software Engineering)

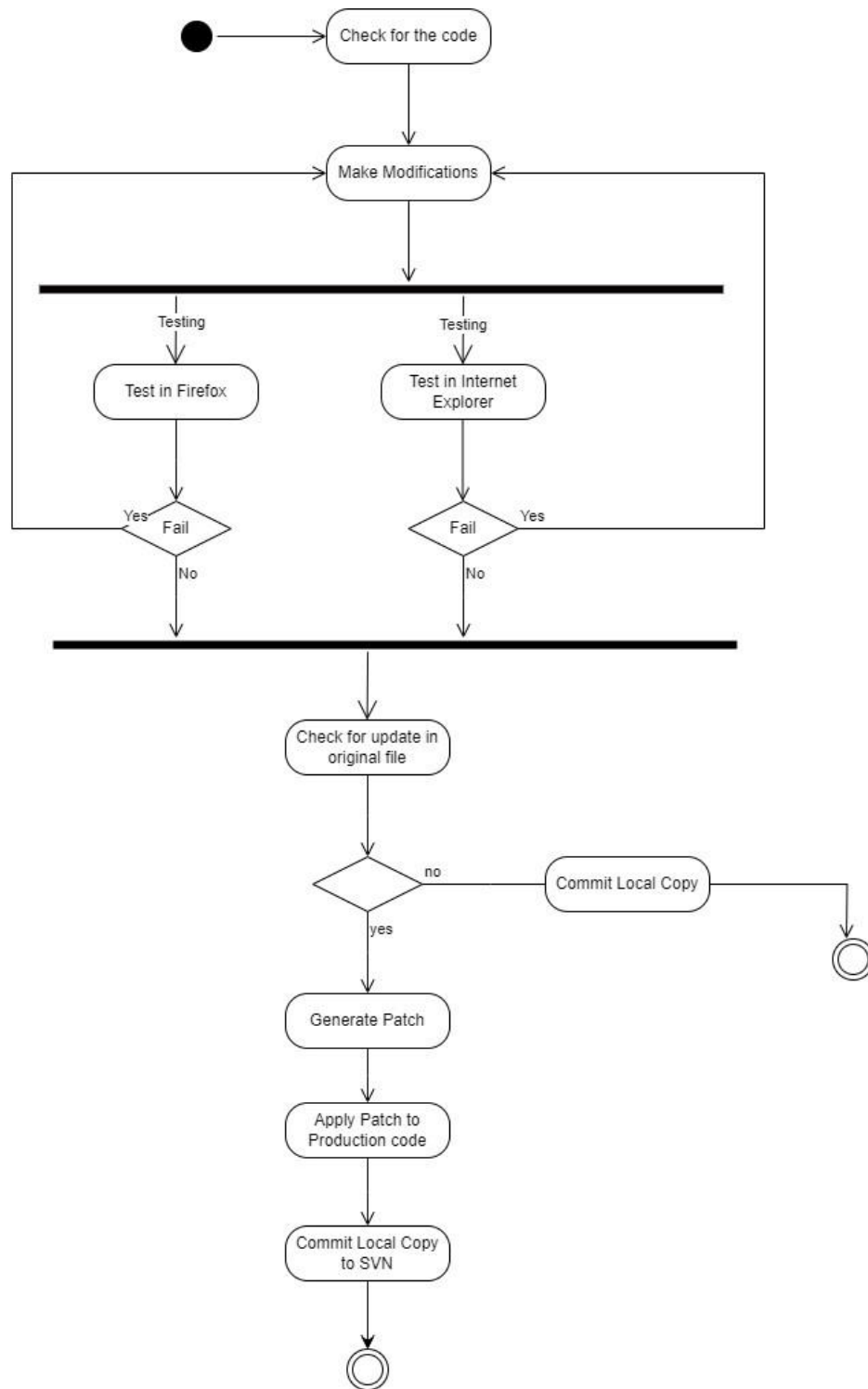
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Lab Group :- 1

Lab :- 6

Activity Diagram :-



Think over questions :-

- 1) To reflect testing of the program across two browsers, we must use a fork to make sure that both processes are finished and output is generated concurrently.

- 2) No, it wouldn't happen simultaneously. First, a patch file will be created, after which the production code will be patched, and finally, the Subversion repository will be updated.
- 3) Applying Patch to Production Code: You can proceed to this step once the patch has successfully been produced. Applying the patch to the production code completes the workflow. Making Modifications to the SVN Repository Only once the production code has been patched can this step be finished. After the adjustments are committed, the SVN repository is updated.

Learning Objectives :-

1) Identify the basic units of work, and visualize the workflow.

The procedure is cloning the repository, modifying the local code, and then simultaneously launching Firefox and Internet Explorer. If the local copy of the code is committed and every browser passes the test, the procedure will run; if not, a patch file will be created, the local copy of the code won't be committed, and the SVN repository will be updated.

2) Identify activities that could be done in parallel.

Both Firefox and Internet Explorer will have their code checked in parallel.

3) Identify stages from where progress could be made only after a list of criteria is satisfied.

- i) If at least one of the two browsers (Internet Explorer and Firefox) fails the testing at the checking step, the code must be modified.
- ii) If a patch file is not able to be created because the local copy has already been committed.

Class Diagram :- (Sprint : Book Issue)

