

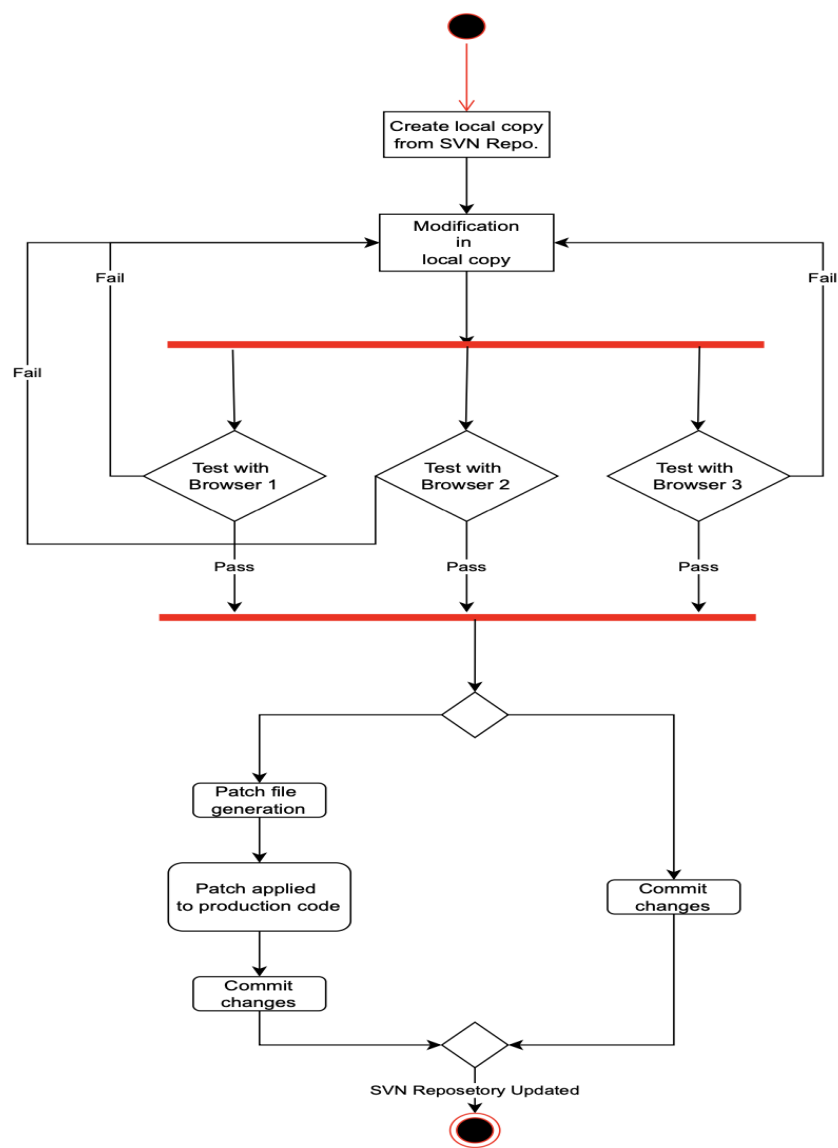
Course : IT-314 (Software Engineering)

Lab : 5

ID : 202101415

Name : Maulik Thakkar

1) Activity Diagram



Think Over Questions :

- 1) To represent testing , we should use fork join and fork which ensures the process moves further only if testing in all the browsers succeed.
- 2) First patch will be generated , then it'll be applied to production code and then changes will be committed in the SVN repository.
- 3) No , first patching should be done and then SVN repository should be updated.

Learning Objectives :

- 1) Workflow :
 - first local copy will be created from the SVN repository.
 - Then new features will be implemented in local copy.
 - Then new features will be tested with multiple browsers.
 - If testing is successful for all the browsers then it will move to the next stage else code will be modified.
 - Then there can be two scenarios ,
 1. If changes are directly committed , Then SVN repository will be updated.
 2. Patch file will be generated. It will be added to production code. Changes will be committed in the SVN repository.
- 2) Testing of code in multiple browsers can be done parallely.
- 3) If the local copy is committed before generating a patch , the patch can't be created.

Class Diagram

