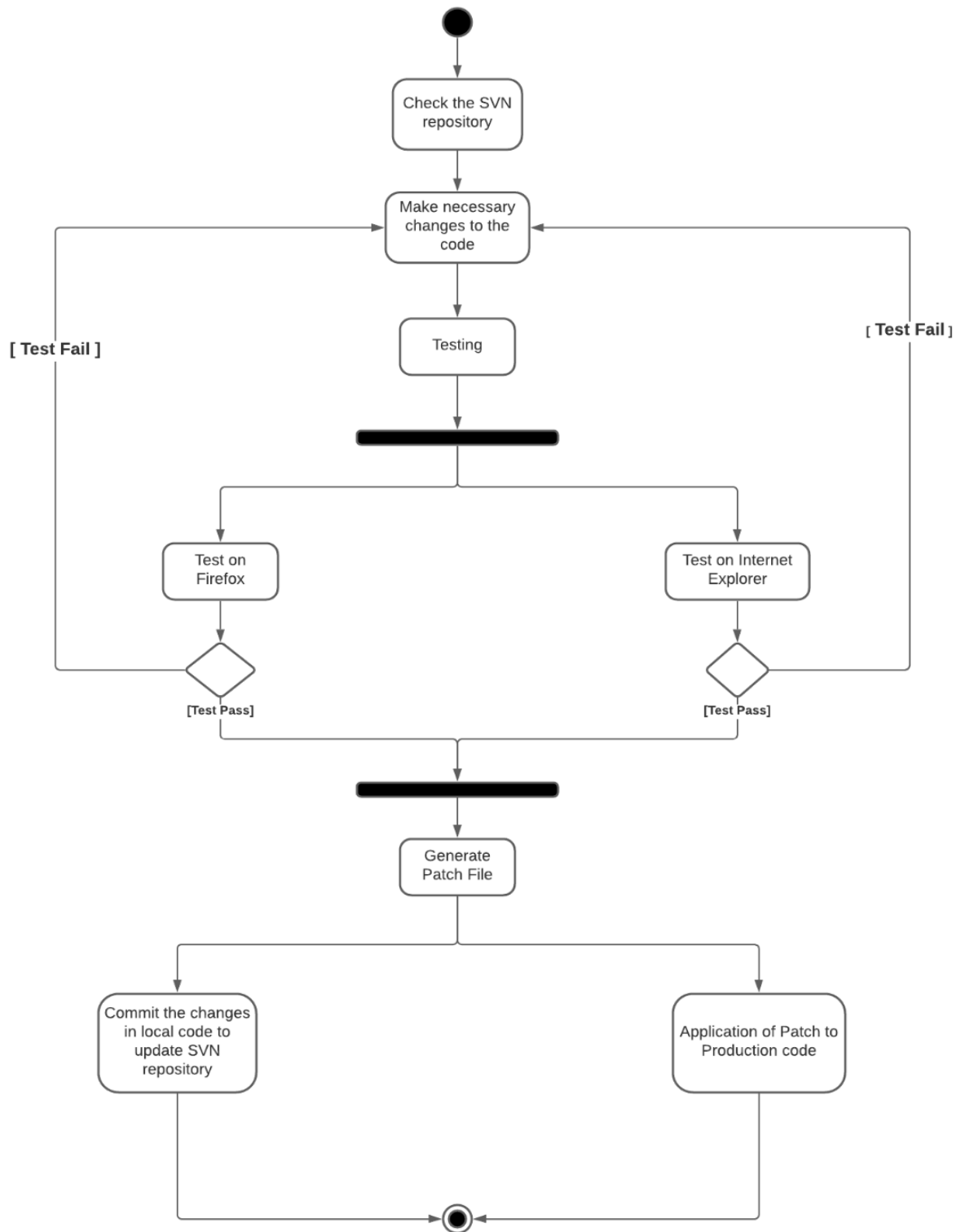


IT314 - Software Engineering
Lab Session-5 : Activity Diagram
Group 7

Group Members :

- 201801031-SRISHTI KALRA
- 201801045-TANAYA ALPESHBHAI SHAH
- 201801055-KHATRI RAHUL NARAIN
- 201801083-NANAVATI SWAPNIL DIPANSHU
- 201801088-SOLANKI ABHISHEK PRIYAKANT
- 201801115-JIMIL DIPESHKUMAR PRAJAPATI
- 201801167-SHAH DHANVI SWETAL
- 201801173-MANGUKIYA ARSHIT DIPAKBHAI
- 201801227-PANCHAL KRUTARTH BHAVESHBHAI
- 201801242-PATEL PRIYA HARSHADBHAI

Activity Diagram of SE Virtual Labs



Questions

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

Ans) According to the condition, even if the code fails in any one of the two browsers mentioned (Firefox or Internet Explorer) then, the developer should modify the code again such that it works in both browsers. Thus, Testing in Firefox and Testing in Internet Explorer are the two activities that have to be done in order to generate a patch file. Thus, testing of an application with multiple browsers can be done concurrently.

2. Can generation of the patch file and update the Subversion repository concurrently?

Ans) The generation of the patch file and updation of the subversion repository cannot be done concurrently as the progress of one affects the other. If the changes in the local copy are committed and the subversion repository is updated, the local changes would be registered. However, we will no longer be able to generate the patch file.

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

Ans) As patching the production code and updating the Subversion repository is done once the patch file is generated, both the activities can be done in parallel as patching the production code and updation of the Subversion repository is independent of each other.