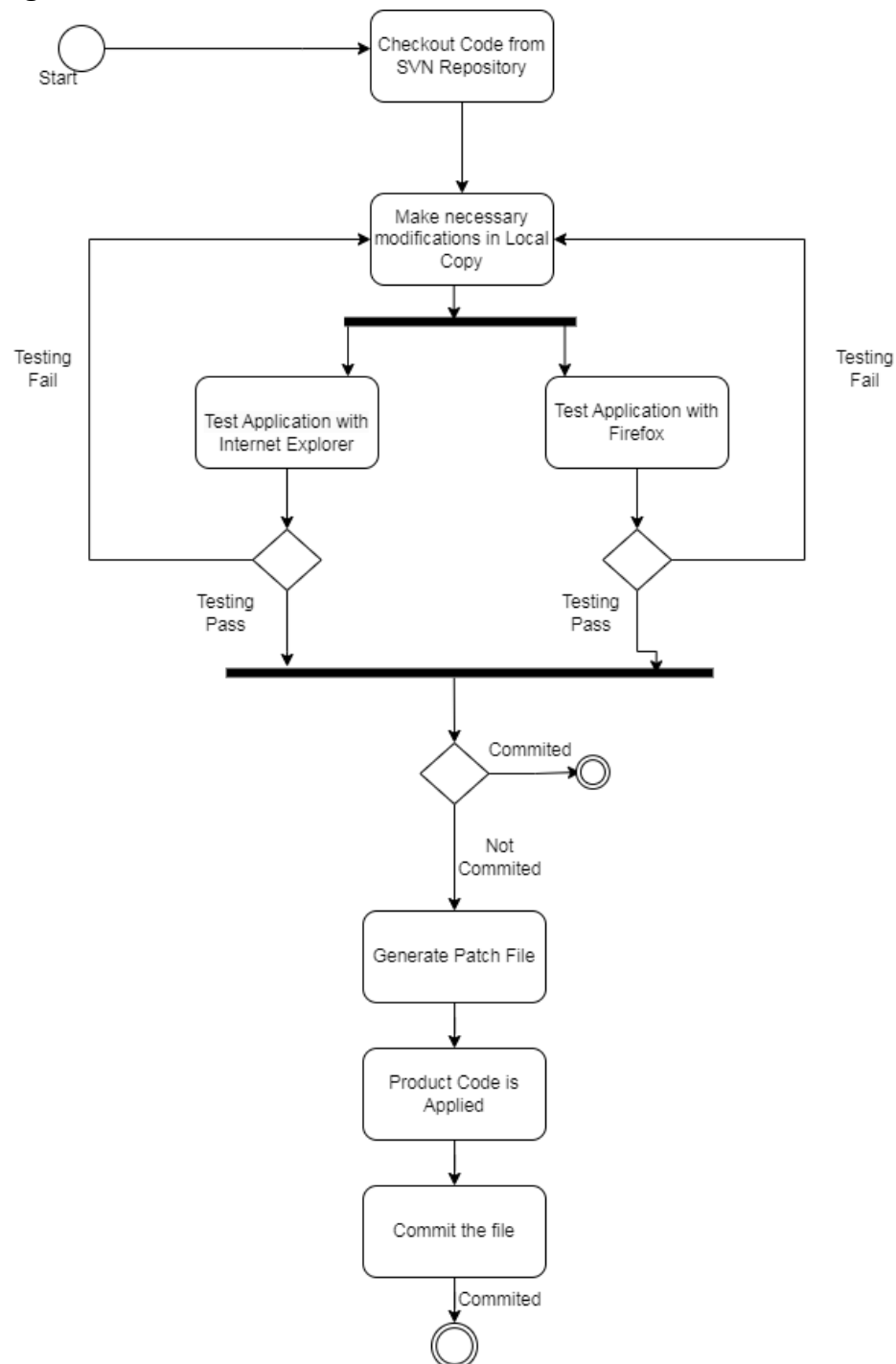


IT313-Software Engineering (2022-2023)
Lab V: Activity & Class Diagram
Digant Mandal - 202101401

Activity Diagram:



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

In the activity diagram, I represented testing with multiple browsers as two separate activities after the modification of the local copy. First, there's a test with Firefox, and then another test with Internet Explorer. This shows that both browser tests are independent activities and must be performed sequentially.

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

No, the generation of the patch file can only occur after both browser tests have passed. Thus these two activities cannot be done concurrently.

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

Yes, patching the production code and updating the Subversion repository can be done in parallel. Once the patch file is generated and the application has been tested and verified, you can apply the patch to the production code while simultaneously committing the local copy to the SVN repository.

Class Diagram:

