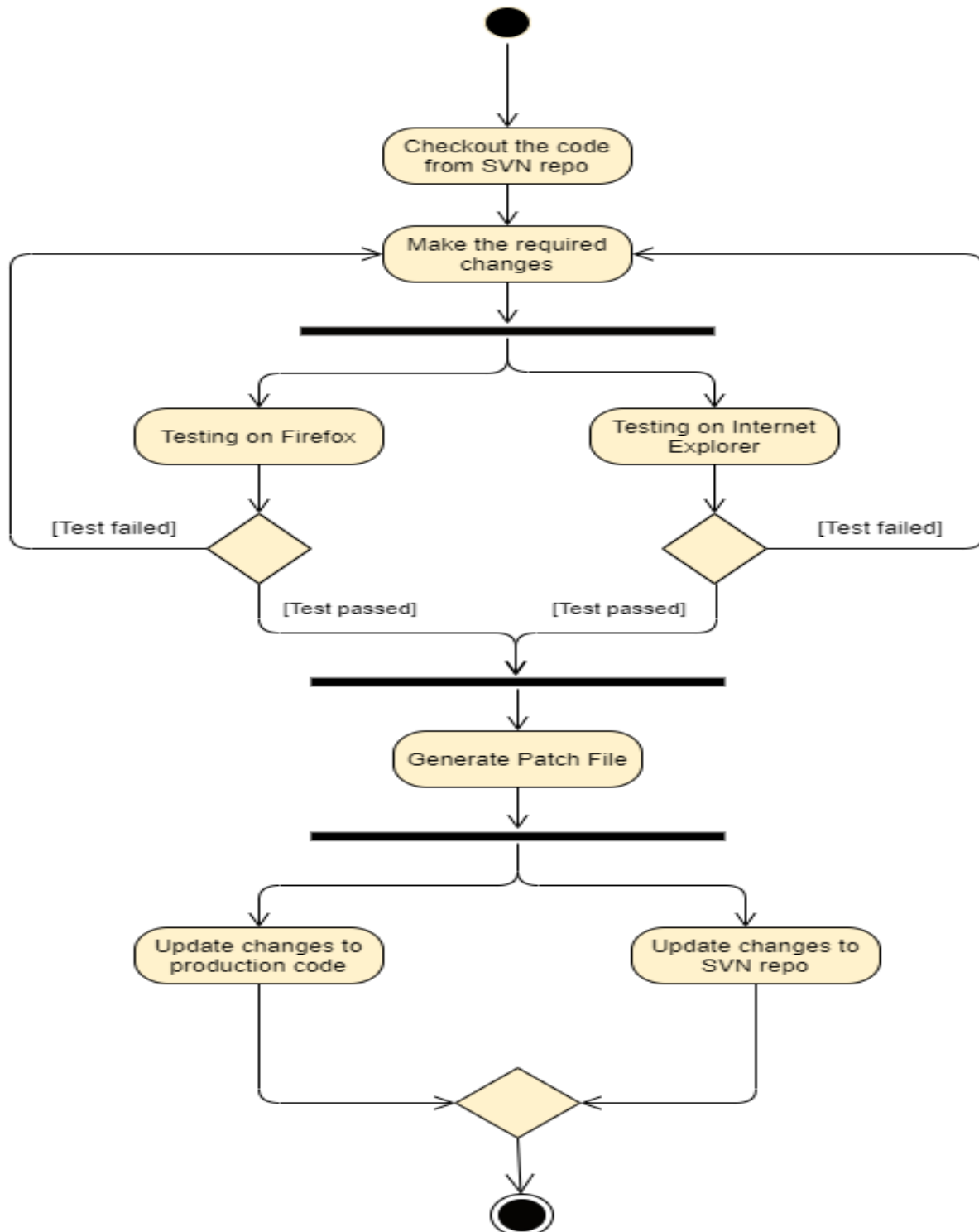


IT314 Software Engineering Lab7

Activity Diagram



Questions:

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

The testing of the application is represented by a fork followed by the join operation in the activity diagram, since the testing has to be done in both the web browsers before proceeding.

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

No, these two processes cannot be performed concurrently. Because, if the subversion directory gets updated before the patch file has been generated, then it won't be possible to generate the patch file. And hence, if the patch has not been generated, then the updates cannot be applied to production code.

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

Yes, these two processes can be performed in parallel. Because, once the patch file has been generated, we can simultaneously apply the patch file to production code and also update the subversion repository since it does not depend on patching the code.