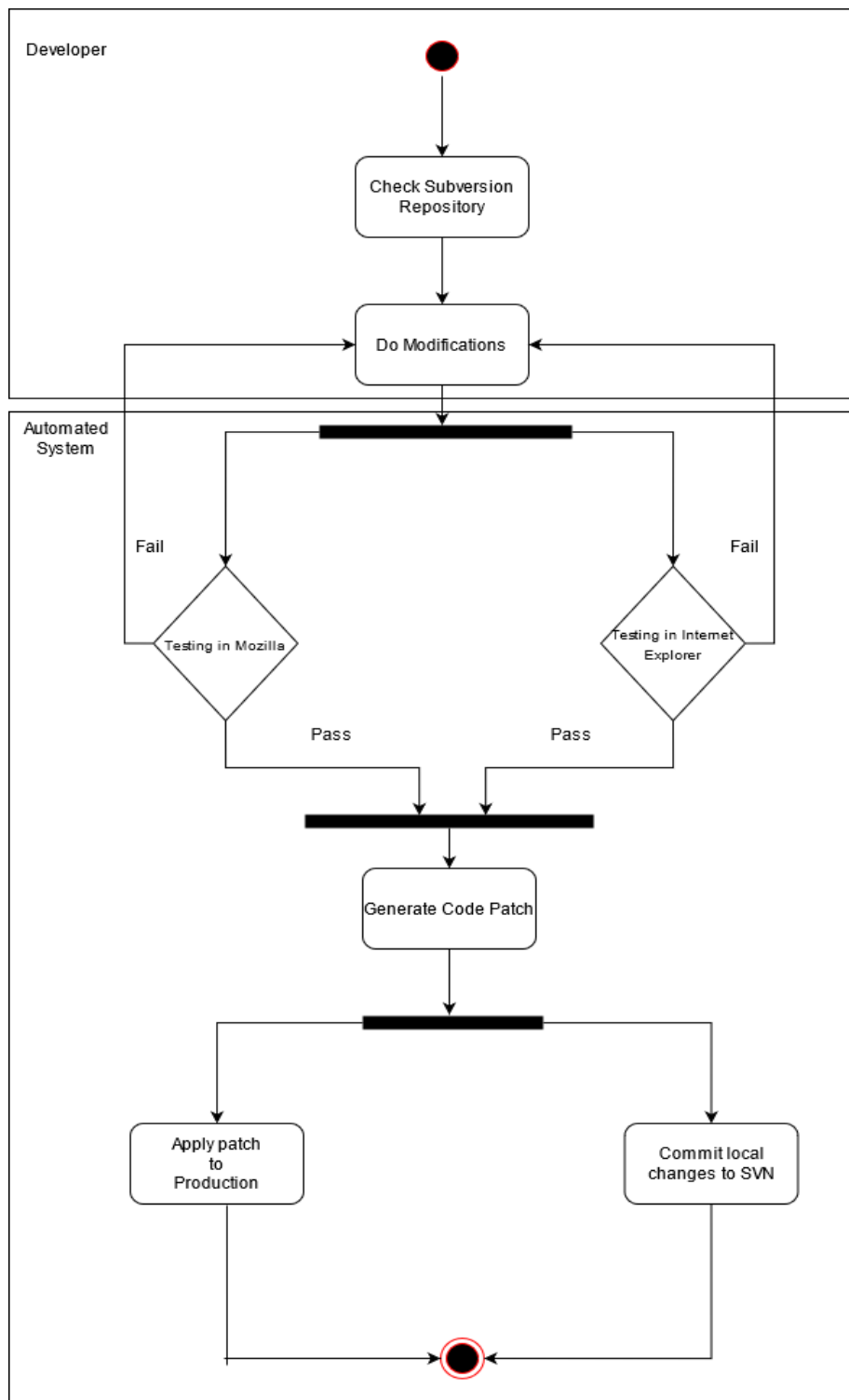


Lab VII: Activity & Class Diagram

Activity Diagram



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

Ans) First, we identify the features of the system and its scenarios. Then we pick multiple browsers for which we want to test the application. Following that, we run different tests and scenarios parallelly. We document those results and if any errors or bugs found, we send that information to the developers to fix it.

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

Ans) Patch file for production and the update to the subversion repository need to contain the same code. We cannot update the subversion repository before generating the code for patching production and hence the two steps need to be done sequentially and cannot be done concurrently. If we try to do them concurrently then the unpatched code might be uploaded to the subversion repository.

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

Ans) Once the patched code is generated, It needs to be applied to production and uploaded to the SVN. The two processes are independent of each other and hence to improve the efficiency can be done in parallel since both the processes are working on different copies of code as uploading to SVN changes the SVN code copy and patching the production changes the production copy which is entirely safe when done in parallel.