

# IT-314 Software Engineering

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Lab Report : 6\_Activity & Class Diagram

Lab Group: 2

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## **Think over the following questions:**

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

→ To represent the testing of the application with multiple browsers, We need to use a fork so that both actions get executed and output is generated at the same time.

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

→ No, We should generate the patch file before updating the Subversion repository

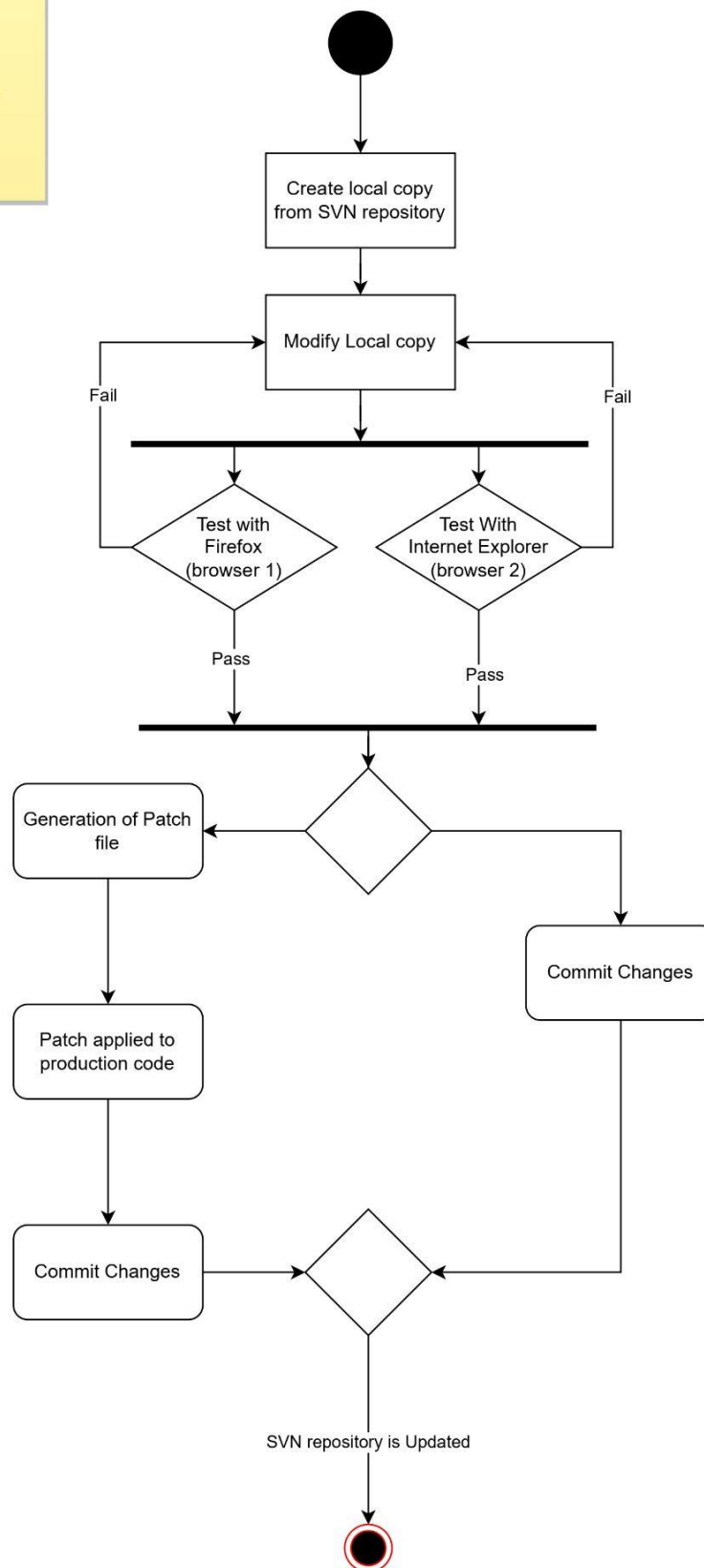
- Can patching the production code and updating the Subversion repository be done in parallel?

→ Yes, patching the production code and updating the SVN repository can be done in parallel.

## **Exercise:**

1. Draw an activity diagram to graphically represent the following workflow.
2. Draw a class diagram for any one of the sprints by identifying objects, classes and their relationships.  
→ Chosen sprint for class diagram: Book issuing functionality

**Activity  
Diagram**  
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**Class Diagram for sprint of Book issuing functionality**  
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