SOFTWARE ENGINEERING

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IT-314

THINK OVER QUESTIONS:

- 1. To test the application on different web browsers, we use a tool that allows us to perform both actions simultaneously and see the results together.
- 2. First, there won't be a patch file created initially. Then, we'll apply that patch to the production code, and finally, we'll update the Subversion repository.
- 3. Applying Patch to Production Code: You can get to this stage only after making a successful patch. When you apply the patch to the production code, you finish the process. Committing Changes to SVN Repository: You can only reach this stage once the patch is applied to the production code. Committing the changes means updating the SVN repository.

Learning Objectives:

• Find the fundamental tasks and create a visual representation of the process.

Here's a simplified version:

- Create a copy of the repository.
- Make changes to the local code.
- Test concurrently in Firefox and Internet Explorer.
- If both browsers pass the test:
 - Commit the local copy of the code.
 - Update the SVN repository.
- If any browser fails the test:
 - Create a patch file.
 - •Commit the local copy of the code.
 - Update the SVN repository.

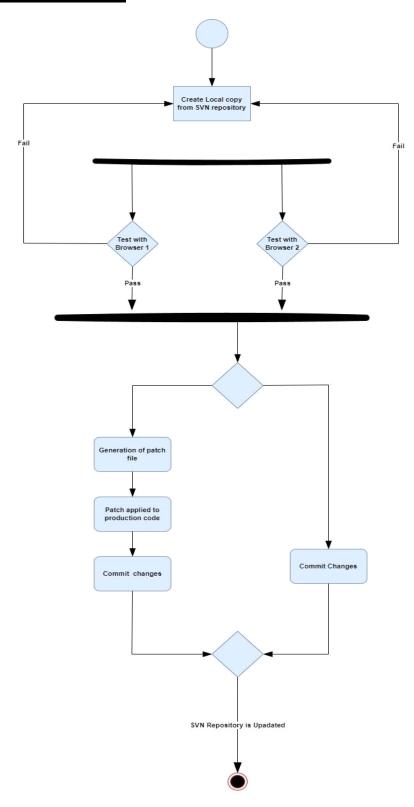
• Determine tasks that can be completed simultaneously or concurrently.

The checking of code in both browsers (Firefox and Internet Explorer) will be doneparallelly.

• Identify tasks that can be performed at the same time or concurrently.

The code must be changed if at least one of the two browsers (Internet ExplorerandFirefox) fails the testing at the checking step. If the local copy is committedbefore creating a patch file, in which case the patch file cannot be created.

ACTIVITY DIAGRAM:



LLASS DIAGRAM:

