

IT – 313 Software Engineering

Lab – 6

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Identify the Basic Units of Work:

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- Checking out the code from the Subversion repository.
- Making necessary modifications to the local copy. Testing the application with Firefox and Internet Explorer.
- Generating a patch from the local copy.
- Applying the patch to the production code. Committing changes to the local copy.
- Committing changes to the SVN repository.

Identify activities that could be done in parallel:

- Testing with Firefox and Internet Explorer can be done in parallel.
- Generating a patch and committing changes to the local copy can be done in parallel
- Committing changes to the SVN repository can also be done in parallel with other activities once a patch is generated.

Identify stages from where progress could be made only after a list of criteria is satisfied :

- Progress to the "Commit to SVN Repo" stage can only be made after successfully testing with both Firefox and Internet Explorer (i.e., if the test fails in at least one of the two browsers, the developer must go back and fix the code).
- Progress to the "Generate Patch" stage can be made only after making modifications to the local copy.
- Progress to the "Commit to Local Copy" stage can be made only after generating a patch.



