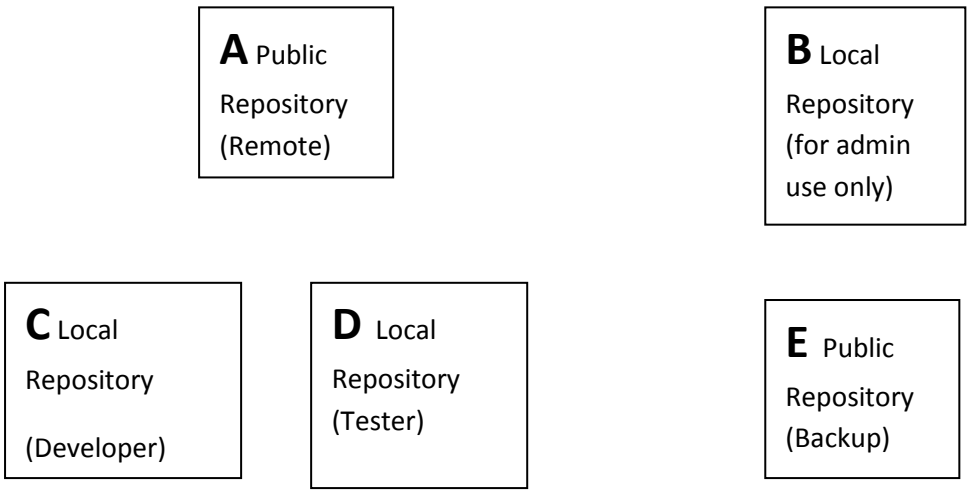
Create following components:



Significance of the repositories:

A: Public repository used for data storage, all clients push and pull here

B: Initial directory structure and branches are created here to be pushed

C and D: These are local repositories which will have working tree

E: Public repository meant for backup purpose.

Perform following operations:

Note: Participants are required to submit commands used for each question in a word document

1) Create all the repositories.
2) Operations in B: Create a file info.txt containing text "Project". Commit it and then create 2 branches in master. Branches are to be named as Development and Testing .Push all branches to A.
3) Pull Development branch on C and Testing branch on D
4) Now, on C add a file MyJavaCode.txt, stage it and commit it. On D add file MyJUnitTestCase.txt, stage and commit it. Goto D and pull all files from C.
5) Goto D and edit file MyJavaCode.txt (Assume that it is some file which is accidently edited). Stage it, commit it. Now, push data from D to A. Then goto C and pull from A. It will need resolving conflict. While resolving conflict, use text from C and discard all changes in MyJavaCode.txt made in D. Commit C and push from C to A.
6) Pull from A to C. Push from C to E. Assume that A is down. Create file Source2.java in C. Stage it, commit it and push to E. Create file HttpdTest.txt in D. Stage it and commit it. Pull from E and then Push to E. Now, assume A is up. Now D is in sync with E. So, pull A to D and then push from D to A.
7) Using rebase change order of commit in any of the above repository.