GIT HUB

1. GitHub Repo will have the current version of the code that is in production.
2. Copy the code into DMC3 Local Repo using Git clone.
3. From DMC3 Local Repo, the code is copied into DMC2 for Development purpose and we can do all changes in the code and the DMC2 will have number of different copies.
4. From DMC2, the final clean code (latest version) is sent to DMC1 for testing purpose.
5. Once the testing is success, the code will be copied to DMC3 Local Repo where the current version and latest version is compared and Transfer Directory is created based on our script.
6. Transfer Directory is pushed into the GitHub Repo.
7. In GitHub, the latest version is pushed.
8. While deploying, the latest code is fetched by the following process.

1. Clone Git into /var/www/globalclassroom4\_clean as the ubuntu user.  
2. Make a symbolic link from /usr/local/bin/gc4update to /var/www/globalclassroom4\_clean/gcupdate.  
3. Change directory to /var/www, and make sure that you are not in /var/www/globalclassroom4  
4. Run gc4update. /var/www/globalclassroom4 will automatically build and deploy.  
5. Fix /var/www/globalclassroom4/databases.yml and /var/www/globalclassroom4/lib/model/gcr\_model/gcr.class.php