CSCI 234: Introduction to Software Engineering
OpenMRS Tickets

1. Claim the ticket

2. Fork the appropriate repository on github.
   - The project name is in the upper-left corner of the ticket next to the ticket id.

3. Clone the repository to your local machine.
   - git clone <repository url>
   - The repository url should point to the forked copy on your github account.

4. Set the upstream repository
   - git remote add upstream <repository url>
   - The repository url should point to the original copy of the project on github.
   - You must be in the project directory for this command to succeed.

5. Fetch all the current branches of the project.
   - git fetch --all
   - FIXME I don’t quite understand why this is necessary. What did we have after the clone?

6. Pull all changes from the upstream master
   - git pull --rebase upstream master
   - FIXME In the video and on my sample ticket, there were no changes. I don’t understand how there could be after the fetch (much less after the clone).

7. Create a branch to work in
   - git checkout -b <branch name>
   - Use the ticket identifier as the branch name.

8. Import the project into Eclipse
   - Use the “Browse..” button to point at the directory containing the project.

9. Tell Eclipse that the project uses git.
   - Select all the projects, and then right click. Select “Team” and then “Share Project...” The default opens are correct.
   - Do not use “Share Projects” (plural). This is for adding a new form of sharing.

10. Handle the issue described in the ticket...

11. Add your changes to the staging area of your local repository.
• `git add -i` for an interactive add.
• `git add <filename>` to add specific files

12. Commit your changes to your local repository
• `git commit -m "<ticket id>: <commit message>"`

13. Push the changes in your branch back to the origin on github.
• `git push origin <branch id>`

14. Change to the branch on github, and make a pull request
• Include the URL of the ticket.
• Be sure to check the “Commits” and “Files Changed” tabs to be sure you are sending the correct changes.

15. Request a code review on the ticket page
• Include the URL of the pull request in the comment for the code review.

16. Wait. Someone from OpenMRS will respond to the pull request.