Survey on Class Project for CS304

This survey aims to get your comments/suggestions about the class project CS304 (Software Engineering). We call the class project "GitHub Fixit" as it is inspired by the engineering fixit by Google.

1. Basic Information[Free form text] *

Student id :	_____
Final Pre GitHub link :	_____
Selected project 1 link:	_____
Selected project 2 link (use NA if only 1 project):	_____

2. During the GitHub fixit, I have improved my skills on:[Single Selection] *

	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Version Control System (Git) :	○	○	○	○	○
GitHub (read issues, make	○	○	○	○	○

pull request) :					
Unit test (JUnit):	○	○	○	○	○
System/Integration tests (non JUnit):	○	○	○	○	○
Code comment (Javadoc):	○	○	○	○	○
Coding standard:	○	○	○	○	○
Test-driven development (TDD):	○	○	○	○	○
Knowledge about Java programming	○	○	○	○	○
Static Analysis Tools:	○	○	○	○	○
Working in a team:	○	○	○	○	○

How to start from 0 involving in open source project and resolve their issue?

如何从 0->1，我觉得有几个方面吧：
1. 熟悉 git 操作以及 github workflow
2. 使用某个开源组件（当然也可以从 issue 里面去发现），然后发现不足
3. 参与进去解决问题

How to go from 0->1, I think there are several aspects of it:
1. Familiarize yourself with git operations and github workflow
2. Use an open source component (or find it in the issue, of course), and then discover the deficiency
3. Engaging in problem solving

- I have conducted an Interview with previous SE student helper (王泽潍)
- He has previously contributed to an open source project in GitHub (Kubernates) with an accepted pull request

- We have taught you about git and github workflow in one of the lab and you have been using git and Github Classroom for homework submission!
- Use the open source project/libraries that you have selected
  - You could find bugs in them and issue the pull request for the bug that you found! (Starting from finding bugs is actually starting from 0! You are currently starting from a GitHub issue so you already have some information about the bugs)

3.   :

During the GitHub fixit, I found the following resources to be useful:[Single Selection] *

	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Video on "How to start working on open-source project from 0 :	○	○	○	○	○
Interview Q&A with senior student (in pic above)	○	○	○	○	○
Online article on How to join the open-source community of Apache projects? (Chinese) :	○	○	○	○	○

	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Android resource naming convention:	○	○	○	○	○
Google Java Style Guide:	○	○	○	○	○

4. Your attitude towards GitHub Fixit:[Single Selection] *

	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
GitHub fixit is working well for me	○	○	○	○	○
GitHub fixit is working well for my team	○	○	○	○	○
GitHub fixit is working well for my class	○	○	○	○	○
GitHub fixit takes more time to do than projects in other classes	○	○	○	○	○
GitHub fixit is more realistic than projects in other classes	○	○	○	○	○
GitHub fixit gives me the chance to	○	○	○	○	○

practice understanding other people's code.					
GitHub fixit encourages me to write code according to coding standard.	○	○	○	○	○
GitHub fixit gives me more confident in the quality of code that I wrote	○	○	○	○	○
GitHub fixit encourages me to contribute to open-source GitHub projects	○	○	○	○	○
I would highlight my GitHub fixit — project in my CV/Resume	○	○	○	○	○

5. What are the top three benefits of GitHub fixit?[Free form text] *

Benefit 1:	_____
Benefit 2:	_____

Benefit 3:	_____

6. What are the top three disadvantages of GitHub fixit?[Free form text] *

Disadvantage 1:	_____
Disadvantage 2:	_____
Disadvantage 3:	_____

7. Have you or your group members submitted any pull requests to the open-source project? [Single Selection] *

○Yes

○No

8. Please enter the links of all the pull requests by your project group as below (one link per line): [Fill in the blank] *

_____

9. For the submitted pull requests, have the developers performed any code review? [Single Selection] *

○Yes

○No

10. Your attitude towards Code Review:[Single Selection] *

	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Code review improved my coding style	○	○	○	○	○

Code review improved my communication skill with developers	○	○	○	○	○
Feedback from developers helps me to find bugs	○	○	○	○	○
Feedback from developers improved my coding style	○	○	○	○	○
Feedback from developers encouraged me to contribute to the project more	○	○	○	○	○
Code review improved my communication skill with developers	○	○	○	○	○
Code review takes a lot of time	○	○	○	○	○

11. Which part of the GitHub fixit that you find most challenging? [Multiple selection] *

☐Project Proposal (Choosing Project)

☐Project Proposal (Choosing Issues)

☐Progress Report (Planning issues)

☐Progress Report (Implementing Issues)

☐Progress Report (Code review with TA)

☐Final Presentation (Completing issues as planned)

12. Overall, I would recommend GitHub fixit for the class project. [Single Selection] *

| Strongly disagree | ○1 | ○2 | ○3 | ○4 | ○5 | Strong agree |