Survey on Class Project for CS304

Question 1:   Basic Information
Question 2:   During the GitHub fixit, I have improved my skills on: (Single Selection)

Knowledge	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Version Control System (Git) :	3(2.13%)	1(0.71%)	11(7.8%)	71(50.35%)	55(39.01%)
GitHub (read issues, make pull request) :	3(2.13%)	1(0.71%)	6(4.26%)	60(42.55%)	71(50.35%)
Unit test (JUnit):	3(2.13%)	1(0.71%)	8(5.67%)	69(48.94%)	60(42.55%)
System/Integration tests (non JUnit):	5(3.55%)	10(7.09%)	46(32.62%)	51(36.17%)	29(20.57%)
Code comment (Javadoc):	3(2.13%)	3(2.13%)	16(11.35%)	70(49.65%)	49(34.75%)
Coding standard:	4(2.84%)	0(0%)	21(14.89%)	63(44.68%)	53(37.59%)
Test-driven development (TDD):	4(2.84%)	6(4.26%)	38(26.95%)	58(41.13%)	35(24.82%)
Knowledge about Java programming	4(2.84%)	2(1.42%)	20(14.18%)	73(51.77%)	42(29.79%)
Static Analysis Tools:	3(2.13%)	1(0.71%)	12(8.51%)	60(42.55%)	65(46.1%)
Working in a team:	3(2.13%)	8(5.67%)	21(14.89%)	62(43.97%)	47(33.33%)

Question 3:
During the GitHub fixit, I found the following resources to be useful: (Single Selection)

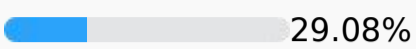| Resource	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Video on "How to start working on open-source project from 0 :	5(3.55%)	3(2.13%)	22(15.6%)	69(48.94%)	42(29.79%)
Interview Q&A with senior student (in pic above)	5(3.55%)	2(1.42%)	32(22.7%)	68(48.23%)	34(24.11%)
Online article on How to join the open-source community of Apache projects? (Chinese) :	4(2.84%)	5(3.55%)	29(20.57%)	64(45.39%)	39(27.66%)
Android resource naming convention:	8(5.67%)	10(7.09%)	38(26.95%)	50(35.46%)	35(24.82%)
Google Java Style Guide:	5(3.55%)	5(3.55%)	33(23.4%)	47(33.33%)	51(36.17%)

Question 4:   Your attitude towards GitHub Fixit: (Single Selection)

Opinion	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
GitHub fixit is working well for me	5(3.55%)	5(3.55%)	18(12.77%)	76(53.9%)	37(26.24%)
GitHub fixit is working well for my team	3(2.13%)	4(2.84%)	25(17.73%)	72(51.06%)	37(26.24%)
GitHub fixit is working well for my class	6(4.26%)	2(1.42%)	22(15.6%)	79(56.03%)	32(22.7%)
GitHub fixit takes more time to do than projects in other classes	4(2.84%)	15(10.64%)	40(28.37%)	50(35.46%)	32(22.7%)
GitHub fixit is more realistic than projects in other classes	4(2.84%)	3(2.13%)	23(16.31%)	68(48.23%)	43(30.5%)
GitHub fixit gives me the chance to practice understanding other people's code.	4(2.84%)	1(0.71%)	9(6.38%)	63(44.68%)	64(45.39%)
GitHub fixit encourages me to write code according to coding standard.	3(2.13%)	1(0.71%)	20(14.18%)	60(42.55%)	57(40.43%)
GitHub fixit gives me more confident in the quality of code that I wrote	6(4.26%)	6(4.26%)	23(16.31%)	62(43.97%)	44(31.21%)
GitHub fixit encourages me to contribute to open-source GitHub projects	5(3.55%)	1(0.71%)	13(9.22%)	66(46.81%)	56(39.72%)
I would highlight my GitHub fixit project in my CV/Resume	5(3.55%)	12(8.51%)	41(29.08%)	57(40.43%)	26(18.44%)

Question 5: What are the top three benefits of GitHub fixit?   (Free form Text)
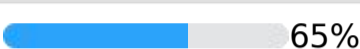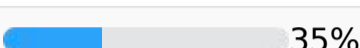
Question 6: What are the top three disadvantages of GitHub fixit?   (Free form Text)
Question 7: Have you or your group members submitted any pull requests to the open-source project? (Single Selection)

Option	Count	Percentage
Yes	100	70.92%
No	41	29.08%
Total Responses:	141	

Question 8: Please enter the links of all the pull requests by your project group as below (one link per line):
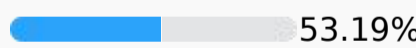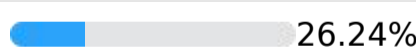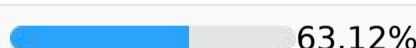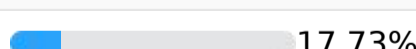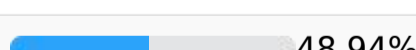
Question 9: For the submitted pull requests, have the developers performed any code review?   (Single Selection)

Option	Count	Percentage
Yes	65	65%
No	35	35%
Total Responses:	100	

Question 10: Your attitude towards Code Review: (Single Selection)
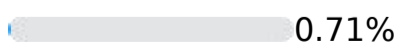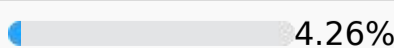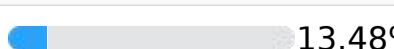
Opinion	Strong Disagree	Disagree	Neutral	Agree	Strong Agree
Code review improved my coding style	3(4.62%)	1(1.54%)	2(3.08%)	30(46.15%)	29(44.62%)
Code review improved my communication skill with developers	3(4.62%)	1(1.54%)	2(3.08%)	31(47.69%)	28(43.08%)
Feedback from developers helps me to find bugs	2(3.08%)	1(1.54%)	6(9.23%)	30(46.15%)	26(40%)
Feedback from developers improved my coding style	3(4.62%)	2(3.08%)	0(0%)	32(49.23%)	28(43.08%)
Feedback from developers encouraged me to contribute to the project more	2(3.08%)	1(1.54%)	6(9.23%)	28(43.08%)	28(43.08%)
Code review improved my communication skill with developers	3(4.62%)	1(1.54%)	1(1.54%)	31(47.69%)	29(44.62%)
Code review takes a lot of time	5(7.69%)	5(7.69%)	15(23.08%)	26(40%)	14(21.54%)

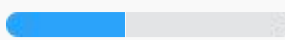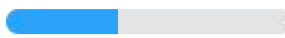Question 11: Which part of the GitHub fixit that you find most challenging?   (Multiple selections)

Stage	Count	Percentage
Project Proposal (Choosing Project)	73	51.77%
Project Proposal (Choosing Issues)	75	53.19%
Progress Report (Planning issues)	37	26.24%
Progress Report (Implementing Issues)	89	63.12%
Progress Report (Code review with TA)	25	17.73%
Final Presentation (Completing issues as planned)	69	48.94%
Total Responses:	141	

Question 12: Overall, I would recommend GitHub fixit for the class project.
Average：4.16

Option	Count	Percentage
Strongly disagree	1	0.71%
Disagree	6	4.26%
Neither agree nor disagree	19	13.48%

Agree	59	41.84%
Strong agree	56	39.72%
Total Responses:	141	