FUDA EMPIRICAL EVALUATION
Background Questionnaire

NOTE: This is a fillable PDF file. If you are not using a PDF writer, please make sure to print this file to a PS or PDF file to not lose the information.

Name: ___________________________________________________________

Date: ___________________  # Terms in Program: _______________________

Degree Program:  □ Full-Time Student  □ Part-Time Student  □ Not a Student

If a part-time student or not a student, please specify the occupation: _______________________

□ Bachelor’s  □ Master’s  □ PhD

Q.1: How many years of industrial experience do you have? _______________________

Q.2: In the range of 1-5, specify your familiarity with the ideas of object-orientation such as objects, classes, inheritance, etc.:

□ 1 = None  □ 2  □ 3  □ 4  □ 5 = Expert

Q.3: In the range of 1-5, specify your familiarity with the ideas of object-oriented software frameworks such as framework API, framework-provided concepts, etc.:

□ 1 = None  □ 2  □ 3  □ 4  □ 5 = Expert

Q.4: How many years of programming experience do you have in general? ______________

Q.5: What programming languages are you the most expert in?

1) __________  2) __________  3) __________  4) __________

Q.6: In particular, how many years of programming experience do you have in Java? _______

Q.7: In the range of 1-5, specify your skill level with the Java programming language:

□ 1 = None  □ 2  □ 3  □ 4  □ 5 = Highly Skilled

Q.8: In the range of 1-5, specify your skill level with the Eclipse environment and its Java development tools (JDT):

□ 1 = None  □ 2  □ 3  □ 4  □ 5 = Highly Skilled
Q.9: In the range of 1-5, specify your familiarity with the Eclipse framework:

☐ 1 = None  ☐ 2  ☐ 3  ☐ 4  ☐ 5 = Highly Skilled

Q.8.1: Have you ever implemented the following concepts using the Eclipse framework?

Concept: Navigate\(^1\)  ☐ No  ☐ Yes, Implemented before.

Concept: Table Viewer\(^2\)  ☐ No  ☐ Yes, Implemented before.

Q.10: In the range of 1-5, specify your familiarity with the Eclipse JFace framework:

☐ 1 = None  ☐ 2  ☐ 3  ☐ 4  ☐ 5 = Highly Skilled

Q.9.1: Have you ever implemented the following concepts using the Eclipse JFace framework?

Concept: Context Menu\(^3\)  ☐ No  ☐ Yes, Implemented before.

Concept: Content Assist\(^4\)  ☐ No  ☐ Yes, Implemented before.

Q.11: Do you have any other experience with other object-oriented software frameworks? If yes, please specify the framework and your skill level.

1)  
2)  
3)  
4)  

Q.12: Please provide us any questions or comments you may have about this experiment:

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\(^1\) How to create the tree navigation actions (Go Home, Go Back and Go Into) in the Eclipse tree viewer’s toolbar?

\(^2\) How to implement an Eclipse table viewer?

\(^3\) How to implement a context menu in an Eclipse view using the JFace framework?

\(^4\) How to implement a content assist in an Eclipse text editor?