

Demographic:*(For new participant only)*

1. What is your role?
2. How long have you been working your role?
3. Have you created a workflow for a bioinformatics process?
- 3.1. If YES, briefly describe what did you do? (Language, software)

Demographic:*(For all)*

4. What is your definition of workflow?
5. What is your definition of a step in a workflow?

1. We will give the XML and ask to import as a library in draw.io. 2. Draw their workflow scenario for 15 minutes and think aloud. 3. Ask the SUS inspired questions:

6. Would you draw workflows using the shapes in the library?
7. Would you use it frequently? (1 - SUS)
8. Are these concepts useful? If NOT, why?
9. What do you think about these notations complexity? (2 - SUS)
10. Are the notations easy to use? (3 - SUS)
11. Would you need training or tutorial on how to draw workflows using this library? (4, 7 and 10 - SUS)
12. Did you find any inconsistencies? (6 - SUS)
13. Are any of this redundant?
14. Is there any concept missing? If YES, what is it missing?
15. Are these notations understandable? If NOT, which is not?
16. Did you identify any field that is unnecessary or that you will never need or use? Why?
17. Did you find the notations awkward? (8 - SUS)
18. Did you feel confident drawing the workflow? (9 - SUS)

4. Provide the WDST and give them 15 minutes to fill based one of their most complex steps. 5. Ask the SUS inspired questions:

19. Would you make use of this template?
20. Would you use it frequently? (1 - SUS)
21. Do you think that this documentation is useful? Why, why not?
22. What do you think about this document complexity? (2 - SUS)
23. Is the documentation easy to fill? (3 - SUS)
24. Would you need training or tutorial on how to fill this document? (4, 7 and 10 - SUS)
25. Do you think that this documentation has a good flow? (5 - SUS)
26. Did you find any inconsistency? (6 - SUS)
27. Is this documentation missing anything? If YES, what is it missing?
28. Do you understand it? If NOT, Is there anything that you can't understand?
29. Did you identify any field that is unnecessary or that you will never need or use? Why?
30. Did you feel confident using this document? (9 - SUS)

FINAL

29. For what purposes do you think you can use these artefacts (notations + document) at your work?
30. Who would use it?
31. What is your general impression about the artefacts?