**Questions**

**Usability Evaluation**

**1. What is your overall impression on the application?**

*The overall impression of the application is good – it seems to cover all the bases for the requirements that I gathered from the description provided to me for the evaluation. The interface is simple enough to understand and pretty intuitive. I was able to complete all of the tasks asked of me. So yes, I think overall it is a good application with promise!*

**2. Is there anything in particular about which you have a strong opinion - either good or bad?**

*The interface is good, I have a good opinion of the interface. I can’t think of anything bad which I have strong opinions of! I think the major issue is the potentially confusing way in which graphs are displayed – the numbers are a bit confusing at first.*

**3. Did the prototype provide enough guidance and help on what you needed to do at each stage?**

*Pretty much. I understood the major points, such as how to log in, find student IDs for my group, and the like. This all seemed fine – the buttons/links were where I expected them to be. I was able to successfully complete the tasks without major issues.*

*My only problem was identifying on the average time charts what the numbers meant next to the graph points. I had no idea; then I found out when you hover the mouse over a point, you get a popup bubble with some descriptions of the particular step. I found that numbers in the bubble (with a text description accompanying them) matched the numbers in the brackets I had no idea about – so I deduced that those were the same values. It might be good to have a little popup when a graph loads telling the user what the values mean.*

**4. Do you think you would need special training on how to use WEAVE? If yes, can you specify what parts of the application should be the focus of such training?**

*For students, no. I think students would be able to pick up and use the system pretty easily. Nice one! For teachers, \*maybe\*. I am not totally sure; the actions the teachers have to do is a little more complex since they have administrative work to carry out here. What I would say is that a two or three page guide on how to set up the system from a teacher’s perspective would be very handy for them.*

**5. Were there any parts of interaction when you were confused of unsure what you need to do next? If yes:**

*Yes – but only one (graphs, trying to figure them out).*

**5.1 How did you act to find out what you needed to do?**

*I was totally confused at first. After moving the mouse around the screen, I realised that when you hovered over the points on the graph, you got a little popup telling you more about each point. This helped me identify the values on the graph.*

**5.2. How difficult was it to find out what you needed to do?**

*Pretty difficult because I had no guidance. Some help would have been useful here.*

**5.3. How certain you felt that your actions are appropriate?**

*Very – because the numbers always matched. So I am confident that I figured out the correct meaning behind each of the values.*

**6. Is there anything that could improve your experience?**

*I think the data reporting section could be improved a little to make it easier to use and digest. I am aware the previous incarnation of the software had no such functionality; so I feel that what is present is a great first attempt. However, some refinement would go a long way. Some of the graphs don’t seem particularly suitable to be presented as graphs. Maybe just tables, instead?*

*However, the student interface seems to have been well executed. I have no comments on this side of things regarding how that can be improved. Well done!*

**7. Do you have any final thoughts or opinion about WEAVE?**

*For a Level 4 project, I think WEAVE clearly demonstrates what is required for such a project, plus a lot more. At first, I thought the application was rather simplistic. When I however started to think about the mechanics that must have been implemented to develop such a product, it became much clearer to me that this is much more than a simple web app. It is sophisticated, with great logging functionality, and I am sure that in the years to come, WEAVE and any products spun off from it will aid in the teaching of complex programming activities to students.*