

Appendix

Initial Interview:

(M refers to Me and C refers to the client)

- M: Good Afternoon
- C: Good Afternoon
- M: So I came today to talk about the project that we had discussed the other day.
- C: Yes.
- M: I just wanted to confirm the details and finalize what exactly you are expecting from this project
- C: Right, so I am expecting an application from you that is able to calculate what I normally am doing. Then I need you to keep those answers so that you can compare it later.
- M: So do you have anything like this right now?
- C: I mean I use some Excel functions to help speed it up, but I don't have anything dedicated to actually calculating or storing the information.
- M: But then you have no way to keep the information across calculations?
- C: I will keep the results in a word document sometimes, but I normally will discard them after I compare them once.
- M: So then that is the benefit of me storing the values?

- C: Yes, I could just write the values all down somewhere, but then that also gets hard to navigate and whatnot, so I am hoping that what you give me can serve that role.
- M: To do that I will probably use a database, is that okay with you?
- C: To be honest, I don't really care what methods you use, so long as you can give me a functional application.
- M: Okay then, onto the actual computation. Would you be able to tell me what all I have to do?
- C: The amount of calculations I will have to do is probably too much to explain in just this meeting, but I can assure you that they can all be done without doing anything crazy like derivatives or anything like that.
- M: Okay, then if I email or call you while I am developing the application so that you can tell me the specifics for each step would that work better, or would you like to just send me all the calculations in one go.
- C: Umm, it would probably be easiest if at the beginning I send you the rudimentary steps, then a bit later on, once you build the framework, we sit down again so I can walk you through the process.
- M: Okay then, what would you like me to complete before our next meeting.
- C: If you could build the basic GUI and then build the database interaction that would be great.
- M: Um, it's recommended that we don't begin working on the code immediately, so if there is something on the more logical side maybe that I could work on?

- C: Sure, in that case, if you could just read up a bit on stocks so that you understand what I am explaining, and then if you could also plan out a bit of how it will work.
- M: Okay, sounds great!
- C: Any other questions?
- M: Not right now, I'll email you if there is anything else.
- C: Okay then, Bye!
- M: Bye!

User Acceptance Test/Feedback

(M refers to Me and C refers to the client)

- M: Hello, C
- C: Hello!
- M: So I have finished the product that we talked about before, and I would like you to go over it to see if it works with you and if there is anything else you need for a future iteration
- C: Sure, so will you be able to send this to me?
- M: Yes, if you think this is what you need then I can export it and send it to you.
- C: Okay (opens the program and proceeds to enter a stock)
- C: So is there anything specific I need to know about how this works?
- M: I mean, it does what you asked for, if you need help you can click that button in the top left (gestures to "help button")
- C: Okay, (opens helpFrame and reads it), so first I need to enter a stock?
- M: Yeah, that way it can analyze it
- C: So let me try this (Enters information for a company called "Enron" then presses the button)
- M: So are these the values you needed?
- C: Hmmm, yeah it seems pretty good, but there are a few things. First, I know I told you to put this FAdjustedEarnings part, but it's pretty situation-specific, so you might need to remove it. Then also you have a bunch of values that I entered which are pretty unneeded, and I can't see them anywhere, maybe you could use them in calculations and display them as well.
- M: Sure I can work on that and get back to you on it.
- C: Other than that it seems accurate though (Checks against a spreadsheet with values he has already entered), but entering the values took some time, do you think it might be possible to have me just upload a spreadsheet and you use that to store the values in the database?
- M: I can look into that yeah, I will probably add that on the next part.
- C: Okay, (enters information for Apple, verifies it's correct and returns to the mainFrame)
- C: So now how do I change some of the values?
- M: To delete values click this button (gestures to the delete button), or go back to StockEntry (Client does so), then enter the same stock name and the values you want now (Client does so), now press enter twice to confirm
- C: Okay so that works, but it seems a bit obscure, maybe you could make it a bit more obvious, or just give it a separate section.

- M: Okay, I covered it in the helpFrame so I thought it might be enough
- C: I mean yeah it was there, but it was a lot to understand at once
- C: (selects compare stocks) Okay so now I just select these two?
- M: Yeah, or however many you want
- C: Let me try this then (tries proceeding without selecting any stocks, is met by the frame telling him to select at least 2 stocks), ha you got me!
- M: I made sure that all the frames like this, and calculations were robust so that will work.
- C: (Selects Apple and Enron and proceeds to compare the stocks) Yeah this is correct (cross-referencing comparison with what his spreadsheet shows), but maybe you could like, other than adding the other calculations I told you about, determine an overall best stock? Like it's good that you found it for each section, but maybe if you used the score you found before to compare them?
- M: Okay I can do that, I just thought maybe comparing off of that only was not very accurate.
- C: If you add the calculations I tell you about later it will be more accurate and will be good for me at least.
- M: Okay I will add that part
- C: (Heads back to mainframe to try deleting stocks, and can delete successfully, then closes the program)
- C: Okay, this is basically exactly what I wanted, make sure you send it to me! Just if you can add those features I told you and get back to me with a second version that would be great!
- M: I'll work on that then, thanks for helping me with this!
- C: No, thanks for doing this for me!