

Appendix 1.1

First Interview with Client

- 1 Hello. So you know we are here to discuss the requirements and your expectations of the fuel program you requested?
- 2 Yes
- 3 Okay so the program will be called Atlantis Fuel, is that correct?
- 4 Yes
- 5 Okay. So you said one of the issues you have with your current, original, method of storing data is that there is no way to interpret the data or see it. Is that correct?
- 6 Yes, I think it's useless because it doesn't help me to just write it down.
- 7 Okay so you would like a way to view the data and to analyse it?
- 8 Yes.
- 9 Can you please explain in what way you would like this data to be analyzed or summarized?
- 10 So like, maybe a list of all the fuel that I have ever purchased. Also, the analysis can be like graphs or something. Sort of like what you might see in excel but with more options for me to change it, you know?
- 11 Yes, I understand. So we can provide a list or a table where you can view your entries. We can also add a download function so you can save the data to your computer etc.
- 12 Yeah ,that sounds good.
- 13 Alright, as for the graphs, we can make several graphs. Some options to consider are graphs showing fuel versus time, fuel versus your vehicles, fuel and cost of the fuel. Also, the types of fuels you use most. Do any of these sound helpful to you?
- 14 Yes, they all seem fine. As long as there's variety and I can change the preferences of the list like if I want to rank them price or date or something like on shop websites.
- 15 Okay we can do that as well. I assume you will want to create an account on this application, correct? So that you can login and keep your information private.
- 16 Yes.
- 17 Okay so we will also create parts of the program that allow you to save and edit all your data, including fuel data, vehicle data, and personal data such as your password and email. I also want to ask whether you would like to add vehicle data into the program.
- 18 What does that mean?
- 19 Basically, you will be able to enter the vehicles you own. And then we could expand this further. So for example, whenever you enter a fuel purchase, the program will list all the vehicles you have registered into the program and it will let you choose which vehicle you purchased that fuel for. It's not needed but since it is related we can add it to the program.
- 20 Okay that might be helpful so yeah.

- 21 Okay, Mr. Samtani is there anything else that you would like added to this program or any modifications to things we have already discussed?
- 22 No I think I mentioned everything I wanted.

Appendix 1.2

Second Interview with Client

- 1 Hello again. So I've prepared some design elements for your program. They're general ideas about how the program will function and appear.
- 2 Okay
- 3 So I have done planning about how the code will work but since that might be difficult for you to understand I will only show you the designs which show how the buttons work and things like that but you are welcome to browse the code-related plans later. Is that okay?
- 4 Yeah
- 5 Okay so here are all the designs. I have added rough measurements to the main features. Any writing in orange is the functionality so for example what will happen when you click on a button or attempt to do something. I will give you some time to look through them.
- 6 These all look pretty good.
- 7 Thank you. Okay, so is there any noticeable problems, any concerns you have about what's been planned so far?
- 8 No
- 9 Okay cool. What about the size of buttons and the size of the application?
- 10 Yeah I don't have any issues with those either.
- 11 Okay. As I said these are rough design plans, any of this can be changed at any time and you will see these plans implemented into the project later on.
- 12 Okay yeah thanks.

Appendix 1.3

Third Interaction with Client

- 1 Hi. So, I have developed the program based on the design plans we discussed last time. I will open the program for you, you can open it with this file on your computer once I give the full files to you.
- 2 Okay
- 3 So, you can browse as much as you like of course, but I do require some questions answered about it which I will ask you in about 2 weeks.
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- 4 Hi, so you have fully explored the program?
- 5 Yes, it works great.
- 6 Okay so first you will need to consider these dot points listed under "Expected Outcome" and write Met, Not Met or Partially Met in the

next column. And then I will ask you a question based on your success criterion, and you can type your answer in the last column. Is that okay?

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Okay Question 1: Are you able to signup and login to the application? Additionally, if you close the application and re-open it, will you be able to login with your previous details?

Question 2. Does the program allow you to edit your personal information?

Question 3. Did the application allow you to enter the details of any vehicles you own. Also, were you able to successfully edit this information later?

Question 4. Were you able to enter the details of fuel purchases you made and edit this information later?

Question 5. Were you able to view your fuel purchases, in a table, and did the program allow different options for the order in which you wanted to view them?

Question 6. Were you able to download a file copy of your fuel purchases? Were you able to successfully open and view this from your file manager?

Question 7. Were you able to view graphs of fuel data relating to cost, amount and types of fuel?