1) The following conversation is the proposal part. I asked Mrs. Rodriguez if she would like a scheduler system. We then came up with criteria and features that needed to be a part of the program.

Hello Mrs. Rodriguez,

I am currently a student of yours for Spanish 3. I have noticed that many times you appear in a rush and are sometimes late. In some instances, we have missed meetings altogether. I know these small organizational matters can be frustrating. Therefore, I am proposing to make you a computer-based scheduler that replaces your small calendar book.

Please let me know if you are interested and inform me of what features you would like specifically for this scheduler
-Sincerely,

Hi

Thank you so much for offering to make a scheduler for me. Overall, I want this to make me more organized. If you can, could you make the program organize all the student information such as their phone number and email? It would also be helpful to be able to view all the meeting information at once and in order by time. However, my main problem right now is when scheduling meetings with my students. Many times, I have scheduled two meetings that overlap with each other. Other times, I wrote down the meeting on the wrong day. I have also forgotten to write down the upcoming meetings. If possible, could you set reminders for me and somehow stop these stupid mistakes?

Again, really appreciate you doing this! :).
-Alicia Rodriguez

This can definitely be done, but just checking, how often do you use your laptop? I have listed below a final list of criteria/features for the software I am about to create. Please let me know if I am missing anything
1) Have a simple main menu
2) Organize student information alphabetically
3) Organize appointment information chronologically
4) Prevent overlap between two appointments
5) Allow only valid dates for appointment to be scheduled. Ex. No date that has already passed
6) Make all the information editable
7) Send alerts about upcoming appointments

...

This looks great! Just to make sure, I would like the alerts to be 1-2 days in advance.

...

Can that be done?
- Mrs. Rodriguez

...

Yes that can be implemented in the program.

However, how often do you use your laptop?

...

Sorry! I forgot to let you know about that earlier. My laptop is pretty much with me all the time. It stays on and is usually left on the desk in my living room because I am home most of the time.

...

Sounds great. I will update on you on the progress and contact you for any questions.

...

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2) Transcript of meeting with computer science teacher.

*To protect privacy of teacher and student:

T = Teacher

S = Student (me)

S: Hello Mr.(teacher name), I was wondering if I could explain the idea that I was thinking about programming for the Internal Assessment

T: Sure go ahead.

S: So, right now for Spanish 3, I have a tutor and she's pretty unorganized. Like a few times she showed up late to our meeting and other times she forgot she was tutoring me that day.

T: Okay, so I am guessing you want to be making some sort of scheduling system for her.

S: Yah! Exactly, I was going to make it so she could store student information and appointment information. Then, maybe add reminders and alerts if she needs them as well.
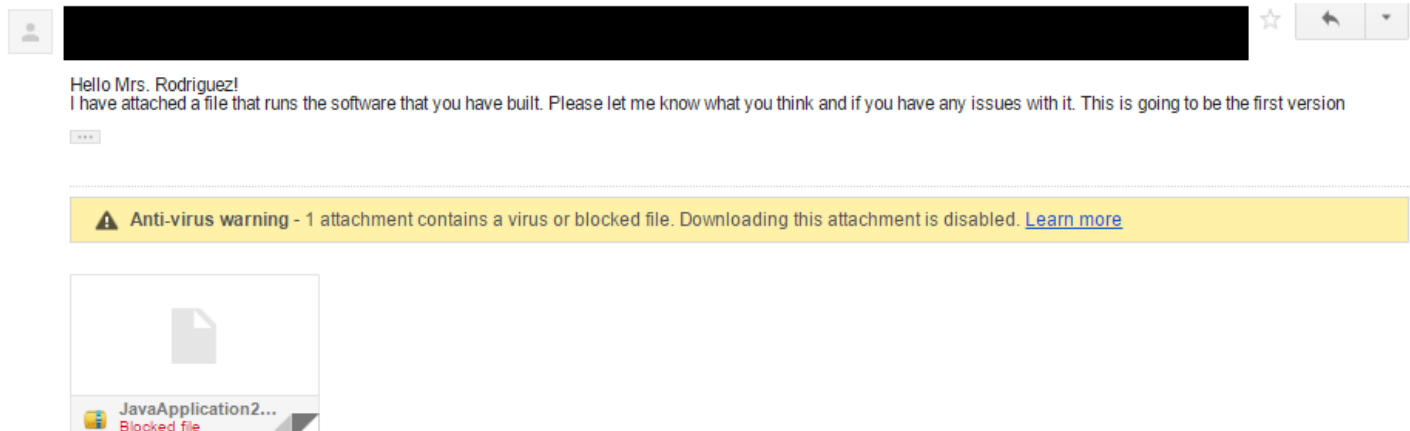
T: Sounds good so far, but wouldn't she already have similar application on her phone or maybe laptop?

S: That's what I was thinking, but I have seen her phone and it's a very basic phone that does not have those capabilities. Also, I am not sure if her computer does, but when she brings it to our meetings its also pretty old. She complains a lot that its complicated to use.

T: I see. Well, I think it should work. I suggest you learn how to use GUI for it makes programs look nice. Console is actually fine in this case too, just make sure prompts are pretty clear and stuff.

S: Thank you! I will definitely look into GUI.

3) The following conversation is for feedback on the first prototype and

Hello Mrs. Rodriguez!
I have attached a file that runs the software that you have built. Please let me know what you think and if you have any issues with it. This is going to be the first version

⚠ **Anti-virus warning** - 1 attachment contains a virus or blocked file. Downloading this attachment is disabled. Learn more

JavaApplication2...
Blocked file

Hi Alay!

The program worked great for the most part. The only issue was that the program would not ru n the first time... Its never been a problem afterwards though. Also, if I edit an appointment, and the appointment becomes tomorrow lets say, I do not get a reminder. I am also reminded of appointments that I deleted too! Its kind of misleading... Can you fix those issues? Other than that, the display was really easy to figure out how to use.

···

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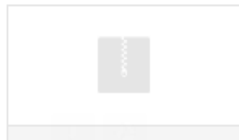I did not realize that! I will fix those errors immediately for the final version.

···

Hi Mrs. Rodriguez.

I have attached the final version for you to use. It was great to work on this project. I hope you enjoy using it and helps you get organized.

···

···

Hi Mrs. Rodriguez,

I am filling out an evaluation form for my school. It requires your feedback on how the program is working. Could you please tell me how you like it?

Thank you!

···

Hello

The program is working great. Its satisfied all the thing we talked about earlier such as dispalying Student information alphabetically and appointment information in order. ALso, I really like the display and the simple user input. I have not missed a reminder for an appointment so far either!

Thanks so much for making this. Its proven to be very useful! :D

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