

Client: Aleksander Konyakhin (IT teacher in Russian school) - referred to as AK

Interviewer: Alex Maksimov (project author) – referred to as PA

First meeting with the client: meeting transcript

PA: Hello sir. You agreed to be my Computer Science IA client and told me that you had a problem that can be solved with a software solution. Could you please describe your problem in detail?

AK: Hello Alex! As you know, for my classes I need different training courses consisting of programming tasks. I have to check them manually by hand, because they are not on any online platforms, and it is hard to organize various problems in one place. It would be amazing to have a sort of website which has all links to the competitions I use, information, and problems. But I don't have the coding problems themselves ready, so I will need them as well. My main problem is the lack of time and technical skills in creating the problems, so it would be nice from you to do that as well, as you have experience in that.

PA: Alright, I get what you mean. To finalize: the possible software solution should include both the website with links and the problemsets for the students to complete in classes. Is this correct?

AK: Yes, thank you. I would also like it to be extensible and flexible in terms of implementation as I will probably have to look at it and edit it according to my needs in the future if I have to. As an IT teacher, I would highly appreciate the product to have a clear structure, but I am the client now, so it's up to you to really decide. It would also be good for the site to be available on the Internet, not just locally.

PA: Thank you for the interview. Once I have a working prototype, I will show it to you, and we'll have a second interview for you to add the necessary corrections.

AK: Thank you! Looking forward to seeing your work.

Second meeting with the client

PA: Good evening sir! I would like to hear from you about the prototype. What is your general feedback, what is good and what can be improved?

AK: Hello Alex! I really liked the prototype. Your approach will resolve the issues I'm facing now. I guess the adaptivity and style of the website had been ensured by the technology stack you used but thank you for choosing the appropriate techniques. The functionality I need is pretty much complete, and I give you a card-blanche to add something less crucial, maybe a tool to recommend problems for the people of different experience and level in coding. Speaking of the trainings you have made on Codeforces, I would like you to extend them a bit and make their names more informative. Level division is necessary, so please implement it both on the website and in the trainings Codeforces page. I would also like to see a school leaderboard with ratings updating in real time, as this will stimulate my students to get to top there by solving problems.

PA: Thank you for the feedback! How are you finding the usability and accessibility of the prototype?

AK: Usability is great, you have chosen a good design and the navigation is very obvious and intuitive. The product will definitely be able to satisfy the needs of the user in an easy way. The training page is a bit complex though but making the font bold on the headings can improve that, in my opinion. Accessibility is also not bad because your website is basically just text, so screen readers will be usable without any modifications. The contrast is good as well.

PA: Anything else you have to comment?

AK: I would say that the prototype you provided was very, very close to the actual product, so my feedback is mostly about polishing and releasing a high-quality product. Thank you for making this, and I'm looking forward to seeing the final result!

PA: Thank you for your time!

Sketches made during the first interview

Each training -
6-8 problems
on the same topic

