| Interviewer   | E        | 1  | So, before we begin, I'm going to give a summary on the features of the tool, okay?   |
|---------------|----------|----|---|
| Participant   | E        | 2  | Okay.   |
| Interviewer   |          | 3  | So (for the) set up. All you need is one chessboard, a camera and a computer to run the program, that's all.                      |
|               |          | 4  | One feature the program will have is that you can do puzzlesolving, like you do on chess.com. I think you are familiar with this. |
| Participant   | E        | 5  | Okay, okay. (Using) Like stock fish and stuff.  |
|               | П        | 6  | Exactly.  |
|               | Ш        | 7  | You will have features like feedback from stockfish.  |
| latan dayyar  | Ш        | 8  | So when you do a move, you get feedback.  |
| Interviewer   | Î.       | 9  | And also the program, when you do a move, it will save it.  |
|               | П        | 10 | And then once a game is finished, you will get a file with with the game move history.  |
|               | ч        | 11 | So we will be also able to analyze and study the game.  |
| Participant   | E        | 12 | Okay.   |
| Interviewer   | [        | 13 | To set up the app, all you need is to set up the camera at a 90 degree angle, above.  |
| Participant   | £        | 14 | All right.  |
|               | П        | 15 | And then you will be able to calibrate the camera so that it matches the board corners.   |
| toka milannan | Ш        | 16 | It only captures the board.   |
| Interviewer   |          | 17 | It's easy.  |
|               | Ш        | 18 | All you have to do is click four times on the corners.  |
|               | ч        | 19 | So click once on each corner and then it will set it up.  |
| Participant   | £        | 20 | Okay, sounds easy.  |
| Interviewer   |          | 21 | So for an intro, I'm going to get a bit of your chess background.   |
|               | ч        | 22 | So, how long have you been playing chess?   |
| Participant   | £        | 23 | Like five years?  |
| Interviewer   | E        | 24 | Do you play it frequently or here and there?  |
| Participant   | £        | 25 | Here and there.   |
| Interviewer   | E        | 26 | Do you have a training routine or do you just play it whenever you feel like it?  |
| Participant   | £        | 27 | Play it when I feel like it.  |
| Interviewer   | <b>E</b> | 28 | What do you enjoy most about learning chess?  |
| Participant   | £        | 29 | The learning curve (and the fact that) It's hard.   |
| Interviewer   | [        | 30 | If you want to actually learn Chess, would you prefer doing it digitally on a website or with a physical chess board?             |
| Participant   | [        | 31 | Digital because it's much simpler.  |

| Interviewer |   | 32 | So, from your first impressions, from the description that I gave you of the tool, what's your gut reaction?                            |
|-------------|---|----|---|
|             | L | 33 | Does anything seem confusing or maybe how confident intuitive?  |
| Participant | Ę | 34 | No, it sounds easy to set up, to be honest.   |
| Interviewer | E | 35 | Do you think that there might be any difficulties setting it up?  |
|             | ſ | 36 | No, no.   |
| Participant |   | 37 | Just a camera 90 degrees angle and clicking a bit, to be honest.  |
|             | L | 38 | Sounds pretty good.   |
| Interviewer |   | 39 | Imagine you're setting it up and you're pointing your camera at the board and tapping to start.   |
|             |   | 40 | Do you think any questions or concerns would arise about how easy it would be?  |
| Participant | E | 41 | No, I don't think so.   |
| Interviewer |   | 42 | if you were to actually be using the tool, would you be concerned that maybe you couldn't trust the tool?                               |
|             | L | 43 | Maybe it might make mistakes or errors?   |
| Participant | [ | 44 | There will be concerns, but if it's stockfish, I wouldn't think there will be a errors or anything.                                     |
|             | ſ | 45 | Okay, Irrelevant to stockfish, though, just as computer vision.   |
| Interviewer |   | 46 | So actually understanding the moves being made rather than analysis.  |
|             |   | 47 | Do you think there will be concerns that maybe you do a move and it won't detect it correctly?  |
|             | ſ | 48 | I wouldn't think so.  |
| Participant |   | 49 | Unless there is a bug, there.   |
|             | L | 50 | There may be, to be honest, but it will be pretty much fixed, I think, right?   |
| Interviewer | [ | 51 | Okay, so, I think that you would put your trust in it unless it clearly shows a mistake.  |
| Participant | Ĺ | 52 | Yes, yes.   |
|             | L | 53 | But then if it's will be fixed, so it would be all good to go.  |
|             |   | 54 | Okay, then moving on from the intro of just setting up and trust, if you were to actually integrate the stool into your usual practice. |
| Interviewer |   | 55 | So let's say you usually just log into chess.com and play.  |
|             |   | 56 | Do you think it would be possible for such an app to be integrated into this routine?   |
| Participant | [ | 57 | It can be to practice, to be honest, but in real matches, I don't think in real life matches.   |
| Interviewer | £ | 58 | What might hold you back from, actually in integrating it?  |
| Participant | Ţ | 59 | It feels like cheating.   |
|             | L | 60 | I would prefer a real challenge, to be honest.  |

|             | ſ | 61 | So let's say that, well,, when you practice, for example, puzzle solving.   |
|-------------|---|----|---|
| Interviewer |   | 62 | So imagine that this program does puzzle solving the exact same with the same type of syntax.   |
|             |   | 63 | That's stockfish would give you for chess.com, for example.   |
|             |   | 64 | Would you prefer just loading up chess.com or do you think it's possible you might like to train on a physical chessboard with this program?  |
| Participant | ſ | 65 | To be honest, it can go both ways.  |
|             | Ĺ | 66 | I want to practice more traditionally, I can use this app if I want to practice digitally, I'll practice on Chess.com.  |
| Interviewer | Ţ | 67 | So you think that there's a distinction between playing digitally and physically?   |
|             | L | 68 | You might learn different things from both.   |
| Participant | E | 69 | Yes.  |
| Interviewer |   | 70 | So, which of the features that I mentioned, which are puzzles on a physical chess board, instant feedback or game history?  |
|             | L | 71 | Do you think would help you the most as you learn?  |
|             |   | 72 | What?   |
| Interviewer |   | 73 | Okay, so from the features that I mentioned, so you will have puzzle solving, you will have feedback on game moves and you will also have a game history where you can do post-game analysis. |
|             |   | 74 | Which of these three features do you think would be the most useful for you to actually learn from your mistakes?   |
| Participant | E | 75 | The analysis, I think.  |
| Interviewer | E | 76 | The post-game analysis?   |
| Participant | E | 77 | Yes   |
|             |   | 78 | Now, for some feedback from your end, if you could tweak something from this program. What would you change?  |
| Interviewer |   | 79 | So this could be anything, to give you a bit of a run-down of how it would go from step one.  |
|             |   | 80 | So what you would do is you would set up, like I mentioned with the camera and the chessboard.  |
|             |   | 81 | So you would do that manually.  |
|             |   | 82 | Then you have to set up the chess position through text.  |
|             |   | 83 | So you would have to go online, search up an FEN position converter and then you would get a result, which basically represents a Chessboard position.  |
| Participant | E | 84 | Right.  |
| Interviewer |   | 85 | So you would have to manually set up the starting position, retrieve the FEN, and then you would provide the program with the FEN.  |
|             |   | 86 | So that is another step that we would have to do.   |
|             |   | 87 | Then from then on, it is automatic.   |
|             |   | 88 | Every move you make will be automatically read from the program and   |

| Interviewer |    |     | analyzed.   |
|-------------|----|-----|---|
|             | L  | 89  | So from those from that setup, what do you think would be better to change?   |
| Participant | Ē. | 90  | To be honest, it sounds pretty easy, so I don't think I will change anything.   |
| Interviewer | E  | 91  | You wouldn't change anything?   |
| Participant | Ē. | 92  | Nah.  |
| Interviewer | ſ  | 93  | Okay, just to give you some idea, maybe just just to see your actual thoughts.  |
|             |    | 94  | So you wouldn't, for example, say that, I don't know.   |
|             |    | 95  | I think, in my opinion, it would be better if you could it the starting position on its own, for example.                                     |
|             |    | 96  | You have freedom to choose anything.  |
|             |    | 97  | There's no wrong answer. You judge can and criticize it.  |
|             | L  | 98  | There's nothing wrong with it.  |
| Participant | Ţ  | 99  | That sounds pretty easy to set up, to be honest.  |
| ranticipant | I  | 100 | So I don't think I will change anything from.   |
| Interviewer | [  | 101 | Okay, so from your impressions of the tool, do you think you would you think you would recommend it to anyone else you know that plays chess? |
| Participant | E  | 102 | Yeah, I think I would if they prefer traditionally.   |
| Interviewer | E  | 103 | Do you think you know anyone that plays chess traditionally?  |
| Participant | E  | 104 | Not really.   |
| Interviewer | ſ  | 105 | But if you did, you would recommend it.   |
|             | L  | 106 | Yes, yes.   |
| Interviewer | Ę  | 107 | Okay, then that's all, thank you.   |
| Participant | Ē. | 108 | Thank you.  |