

Appendix:

Part A: Table of Contents

1. “Flutter App Using Sqlite & SSqlite Crud with Local Scheduled Notifications | Getx ListView | Part 2.” YouTube, YouTube, 23 Sept. 2021, <https://www.youtube.com/watch?v=6SaCntGgi5o>.
2. “Flutter Educational App | Exam | Study | App with Backend Tutorial Complete Firebase App.” YouTube, YouTube, 5 Oct. 2022, <https://www.youtube.com/watch?v=KQcjvDBLcSs>.
3. “Flutter Getx App Tutorial | Flutter App Development Tutorial | State Management.” YouTube, YouTube, 15 Aug. 2021, <https://www.youtube.com/watch?v=M0OwOYPFkrM>.
4. “Getting Started with Flutter Event Calendar in 10 Minutes.” YouTube, YouTube, 15 Mar. 2021, <https://www.youtube.com/watch?v=3OR0jbAQS8Y>.
5. “Manage Users in Firebase.” Google, Google, <https://firebase.google.com/docs/auth/web/manage-users>.
6. “Retrieve User Data from Cloud Firestore and Display in Their Profile Page (Flutter).” YouTube, YouTube, 14 Sept. 2020, https://www.youtube.com/watch?v=oeiSeKFu_xw.

Part B:

Initial Interview With Client:

(V = Vidhya, K = Kelly)

V: Kelly, I need your help

K: Aren't I supposed to be the one saying that?

V: I need you to give me one of your problems so I can make an app for computer science

K: Hm... well we have been getting complaints at NHS that people aren't scheduling appointments with their tutors, so they don't get enough volunteer hours. Maybe if we made an app so it was easy to schedule appointments, people would use it!

V: Kelly you're a genius!

K: I know!

V: Tell me what you're looking for in the app though

K: Okay, well it has to be something simple. Tutors and Students should have their own logins, and students should be able to request to have tutoring sessions.

V: Like over a chat room?

K: I mean that's not what I was thinking but that could work!

V: uh....then what were you thinking

K: I was thinking more like students could send appointment requests to tutors for sessions!

V: Great Idea! Let's do both!

K: Hooray

(hug)

MID-PROGRESS INTERVIEW:

V: Alright Kelly! I made a functioning app! What do you think

K: It's okay.... But i have a problem

V: Uh, what is that?

K: it's just...in this app, tutors can also look up student names and search them up. Isn't that kinda weird, considering how most tutors are upperclassmen and most students are underclassmen?

V: I mean, that's not inherently weird?

K: yeah, but still. Teachers should be willing to teach whoever, and especially at an older age, they shouldn't be playing favorites with little kids

V: I guess you're right. I'll change the app to not have that. What else do you want changed?

K: Please please get rid of the random blue color. It's so odd. If the skyline is GREEN, the whole app should be green, okay?

V: fine....I'll do it.

FINAL CLIENT INTERVIEW:

V: how do you like the app now?

K: it is perfect!

Initial Interview With Advisor:

(V=Vidhya, D=Divya)

V: Hello! Nice to see you again!

D: Hey there! Did you get better at coding?

V: Are you saying I was bad...

D: No, no!

V: Its fine. Anyways, I'm making a new app, and need your help

D: OH, what's up?

V: I want to use flutter and firebase, but I don't know how to get good at firebase!

D: I would advise watching a LOT of youtube videos. I mean a LOT. And remember, you're going to fail a lot at first, but never give up.

V: I thought you're my CS advisor, not a motivational speaker....

MID-PROGRESS INTERVIEW:

V: How do you like the app?

D: It's clunky, and whenever the network is bad deleting an appointment is nearly impossible. Considering using recursion to fix that

V: okay, ill try....

D: Also, the buttons should also change colors when they are pressed so people know they are pressing them.

V: okay....

D: On top of that, the settings class is hidden, it needs to be more in the open so it's easily accessible.

V: okay.. Is there anything you like?

D: It works. But seriously, all you need to do is fix those few things and it'll be perfect

END PROGRESS INTERVIEW:

V: do you like it now?

D: I think your client will be very happy.