

Minutes of the Fourth Client Meeting

Trace Alert - Team 27

Thursday 29th April 2021

1. Meeting Participants

Client: Nick Falkner

Team members:

Xilin Huang

Xuesong Ji

Kaiyang Xue

Yumeng Zhang

All team members were present at the meeting.

2. Time and Place

The Fourth client meeting for Trace Alert project was held on Zoom at 4:15pm on Thursday 29 April 2021.

3. Topic

The Milestone 1 achievement display:

- Yumeng explained how the server and database of TraceAlert work, showed the console of Firebase, introduced the structure of the database, explained why Firebase is a good choice for the project and what the database interaction functions on the client side and the server side do. The client thought there was no problem.
- Xilin showed the function of recording the location and contacts of users by using two mobile phones, one for broadcasting and the other for scanning. After scanning certain information, it would display the ID of the person being scanned, the current location, the time and other information. The client suggested that RSSI is floating, not a fixed value.
- Xuesong showed the method of judging whether the user is in danger and giving a warning, and raised some of his own doubts. The teacher gave him an algorithm called Bellman-Ford Alg, hoping to help his method, and continued email exchanges.
- Kaiyang showed the sample front-end of the application, including the welcome page, signup page and signin page. Editing user's information was

also shown, but there are still two defects pointed out by the client: The birthday selection interface date on the signup page is in Chinese instead of English, and the visit spelling on the welcome page is incorrect.

4. Tasks

- Prepare for next milestone
- Modify the problems found so far

5. Adjournment

The meeting finished at 4:50 p.m.