Meeting summary (03/18/2024)

List of participant

Name	Role
Robin DEBRY	Project Manager
Elone DELILLE	Technical Leader
Mathias GAGNEPAIN	Program Manager
Florent ANON	Customer

Summary

Technical Questions

How can we manage to work with the SIM card?

- The problem is complex, there are a lot of things to take into consideration like the building isolation.

- The battery doesn't have enough power to supply the SIM module.
- Can be caused by the reset button.
- The issue can also come from the module itself.
- Finally, he told us to skip the part about the SIM module assuming that it was working.

Which kind of information do you have in your application?

- Notification information about locking/unlocking.
- Gave us the Firebase App Distribution access, because it can be interesting to understand how it works.
- The application in itself is not relevant for us.

What happens if data can't be sent?

- At this stage, nothing has been implemented yet.
- Try to resend 3 to 5 times.
- After 5 minutes abandon data and continue the process.

Do you have something to ping the device?

- No, the idea is to keep the device as simple as possible.

How do we manage in a low battery level situation?

- Regarding battery in 0% level situation don't give the possiblity to switch on the device.
- The device needs to inform the user of the critical state before it is switched off (under 15%).

What to do if components are malfunctioning?

- It's a relevant idea but try to keep the device as simple as possible.
- Possibility to trigger components malfunctioning at the board initialization.

How does the SIM contract work?

- It's a 10-year contract without renewal and we have 500MB and 250 SMS.

Do we need to search by ourselves for a library that can managed by our board or do you already have a specific library to do that?

- We can find it.
- They asked to seeds studio to do one for them.

Can we use other libraries?

- We can feel free to use different libraries.

Is it the updated electronics circuit diagram?

- No, he will send us the updated version.

Usage

What would a package contain? Like the device, a charger (USB-C?), or anything else?

- It's just a prototype they haven't thought about that yet.

Is the app expected to be available on Google Play Store and Apple App Store?

- Yes, they expect it will be available on both.

Does it meet specific criteria to test the robustness of the SportShield device, such as waterproofness, or cold-resistance in these fields such as IP ratings?

- No, it's just a prototype and it hasn't been tested in real condition.
- But it's resistant to 2-3 meter height falling.

Are notifications (sent by the SportShield device) only supported by the app? Or should they be also sent by Bluetooth somehow?

- We can feel free to add some use cases
- Bluetooth isn't relevant because if the user is near the device, he doesn't need to receive notifications.

Do you have a mail or phone number for technical support? For example, if my device isn't working, who can I email/call?

- Yes, but not for now, it's too early to have a real plan of technical and client support.