https://chatgpt.com/share/f73ff20b-4cd2-4bb1-879b-9b3a0b19da69

https://chatgpt.com/share/411b63de-5bb1-4c59-8448-16933d8cde94

https://chatgpt.com/share/0f9d746a-83c6-42ea-ae5c-f9524a2d3aa6

The main idea behind this project was to take the https_request example from esp-idf and limit it to using only one method for https communication. I also needed to setup a phone server that does a get request for location + a post request to store the data.

As long as you understand the http protocol, which frankly with the use of chatGPT you don't really need to understand, this project was fairly simple. The only complication was getting the hotspot to be reliable.