

Timeline:

1. Research: 7th October 2022
 - a. Existing methods used for time synchronization.
2. Raspberry pi Hardware setup: 14th October 2022
 - a. Installations of software
 - b. Check basic communication
3. ESP32 testing: 21st November 2022
 - a. Check Wi-Fi communication
 - b. Check Bluetooth Communication
4. Ground truth finding : 4th November 2022
 - a. Develop algorithm to perform Ground truth
 - b. Write code/method to find out clock drift at sensors.
5. Actual calculation of clock drift at servers: 18th November 2022
 - a. Develop algorithm to find clock drift at server
 - b. Develop protocol to sync clock at server
6. Implementation of time sync protocol: 6th December 2022
 - a. Write code to implement time sync protocol
 - b. Record results for implemented time sync protocol
7. Documentation: 14th December 2022