International Sensor Developement
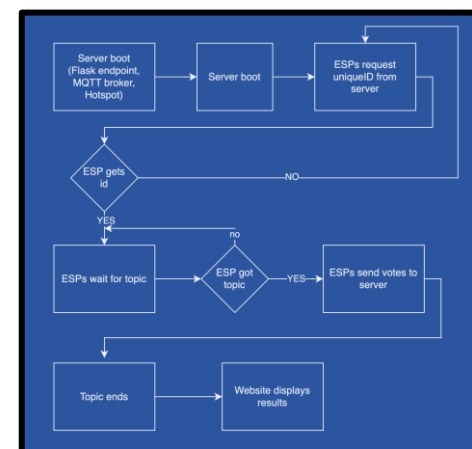
Goals of the Voting Device:

- A working server (raspberry pi) that collects votes and serves a website to guide voting device registration and final vote tally.
- The system shall support anonymous and registered voting.
- The system shall be as self explanatory and simple to use as possible.
- The voting device shall be as power efficient as possible.
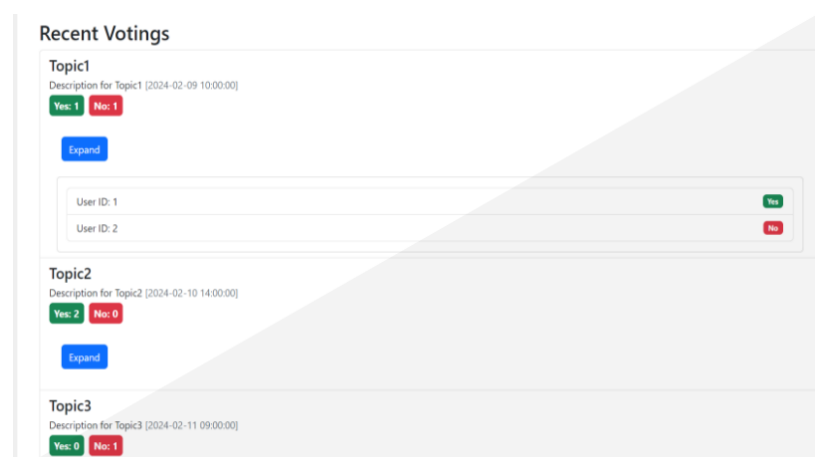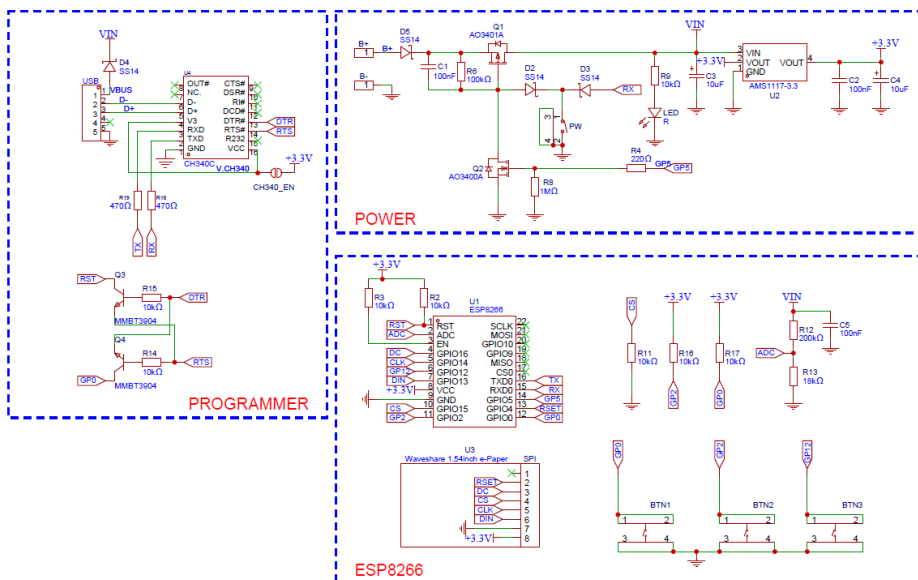- Scalable (The voting remotes shall be plug and play)

Schematic PCB Design

Conclusion:

The team managed to implement all parts of the project goals. There were issues with certain parts, so the final result is still a prototype. However with minor revisions to the board and code all the issues could be resolved. The team managed to collaborate flawlessly despite any issues caused by geography.

Device Overview:

Simplified Overview of the voting process

Webpage displaying Votes

Project members:

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