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Report Period: Mar 15 - March 29

Summary of Progress in this Period

This period we made some progress with interacting with the Tesla Powerwall API. We ran into some issues which we plan to talk about in the lightning talk with getting usable data from the powerwall but we hope to test a new solution in the next period. Looking into opencsv to help with parsing and aggregating data to then store in our database. We had also modified our VM to be accessible without the need for a VPN to the school's network. We began setting up our React Native development environment and were able to successfully run an application on one of our Android phones. The initial setup did have some challenges we worked through, and we will be documenting how we addressed some of those issues in this next period.

Pending Issues

- Timestamp of data from Tesla API does not seem ordered correctly
    - Because Tesla decided not to release documentation this has been fun, but we are hoping we have a solution …
- Making sure iOS, Android emulators work on all our machines for testing purposes
- Still working on getting network access to devices in the crate

Plans for Upcoming Reporting Period

Clean up all our temporary code / projects and add to gitlab repository
Adding documentation for progress on setting up React Native
Plans for data aggregation functionality