What I did:

We have presented, and finally finished our project. The scooter had major issues with the 22v battery, and our presentation was a little long, but we did create a working controller.

Obstacles:

We were really crunched on time, spent the whole weekend til early morning building and testing our creation.

What I plan to do:

After careful consideration we put the 22.2v back on the scooter. It actually worked without blowing it up! We will likely continue this in our spare time, fixing mechanical issues like the bearings, and electrical issues like heat dissipation.