**GOALS FOR THE FUTURE.**

        can we get a prototype manipulator or something to just to acutate a  motor to get mockup to program and have time for driver to get used to functionality.

        software team

                post season

REUSE PICES OF CODE

                       document this years code... and map out and write down key pices of code functions we are lilkely to resuse in the future. pull out functions to reuse and package for next year. Make and finish a document for naming conventions of programing make code public so we can use parts of it for next year. I like some of the methods we have and they were well written in my opinion. Mabey make them into some version of our own software library for are team. Just a thought

                       get pathfinder working by state or during pre season. I have done all the research I just have to do some tests and get data from the robot. I have made new testing procdedures for state. I think using motion profileing is a key part in eveolveing are code to future technologies and making autonomus programing a more streamlined process.

                consider using code lint to check fatal errors  not found by a code compiler. I am testing using this now and really like it will put the program though some more testing . I have palayed around with it and poliminary results for me is we should consider implementing this on are coding laptops.

<https://www.sonarlint.org/>

what is are priority for state? Peroforming well? Showing up and just enjoying the competion? I am willing to put in more time on robot programming to make sure we do well for state but just want to make sure the team is behind that effort. It would be nice to put are best foot forward at state and show performance like we had at Duluth or hopefully have us even make better showing at state..

                pre season   goals/ objectives.

                       train rookies    use programing textbook I have been developing it so far and will share it with you for feedback when I finish making it.

                       evolve auto programing

                               through motion profiling / state management class

                       program or make sure different drive bases are programed or created ie mecanum / tank

                when we program auto for the robot during season must be on similar drive train to real robot! not doing that this year caused problems this year for auto programing eating up time.

                       make state mashion class. But I want to understand more about it first. And the scope of the problem. What would it be solveing exactly. Is it a huge priority or a small prioty in regards to the big to do list I have for the team to consider.

                               looking into how we do it

                                       also try to simplify this years robot program

                package srx and pid controller functionality in it's own class

so ordered number to do list

1. Document code for this year especially key functions
2. Get pathfinder working for state