We'll start out by describing what we know about the projects, holes we still have and understanding who can help solve them.

DOD: list of questions, requirements and set plan of next steps for project.

## Background

the cartestian-polar-plotters are two

## discussion points

Lay out the problems with the project and what needs to be done (not necessarily code!)

From what I understood, the problems are:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Problem | Reach? | Impact | confidence | effort | score |
| Encoder drift in xy |  |  |  |  |  |
| Polar calibration |  |  |  |  |  |
| UX of uv light activation |  |  |  |  |  |
| General code refactoring |  |  |  |  |  |

### Problem descriptions

- xy plotter: encoder problems that causes drift over time, limiting span of travel. source of problems:

- initial calibration problems

- encoder problems

- polar plotter: sometimes faulty calibration with metal detectors.

- both: unintuitive activation of UV light (left wheel click)

### Things I need

- test kit and how to work on it.

- numbers of people and how to access them.