**Robot Design**

Software

Hardware

A picture containing device, miller

Description automatically generatedA picture containing graphical user interface

Description automatically generatedA picture containing text, indoor, device, miller

Description automatically generated A screenshot of a computer

Description automatically generated with low confidence

A picture containing electronics, jack, projector

Description automatically generated A picture containing electronics, camera, projector

Description automatically generated A picture containing electronics, camera, projector

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A picture containing electronics, camera, projector

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PID Line Advanced

Detection Line

Squaring

Diagram

Description automatically generated A picture containing electronics, jack, projector

Description automatically generated Diagram

Description automatically generated

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A picture containing electronics, camera, projector

Description automatically generated

Stall Color Assisted Path Planner

Detection Gyro-PID