



ROBO CREW

SPRINT 7 REVIEW

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Sprint Goal

Our goal for Sprint 7 will work on PLC, integrate the paintball marker, and finalize safety features.

Product Backlog

Backlog Item	Estimate (hours)	Actual (hours)
PLC	12	20
Integrating the Paintball Marker	7	3
Safety features	10	8

Sprint Backlog for PLC

Backlog Item	Estimate (hours)	Actual (hours)
Device Configuration of the GPIO	4	8
Communicating GXWorks3 and RT Toolbox3	1	5
Testing various outputs, including the FX5-8EYR/ES 8 output relay	4	4
Identifying and reading part manuals	3	3

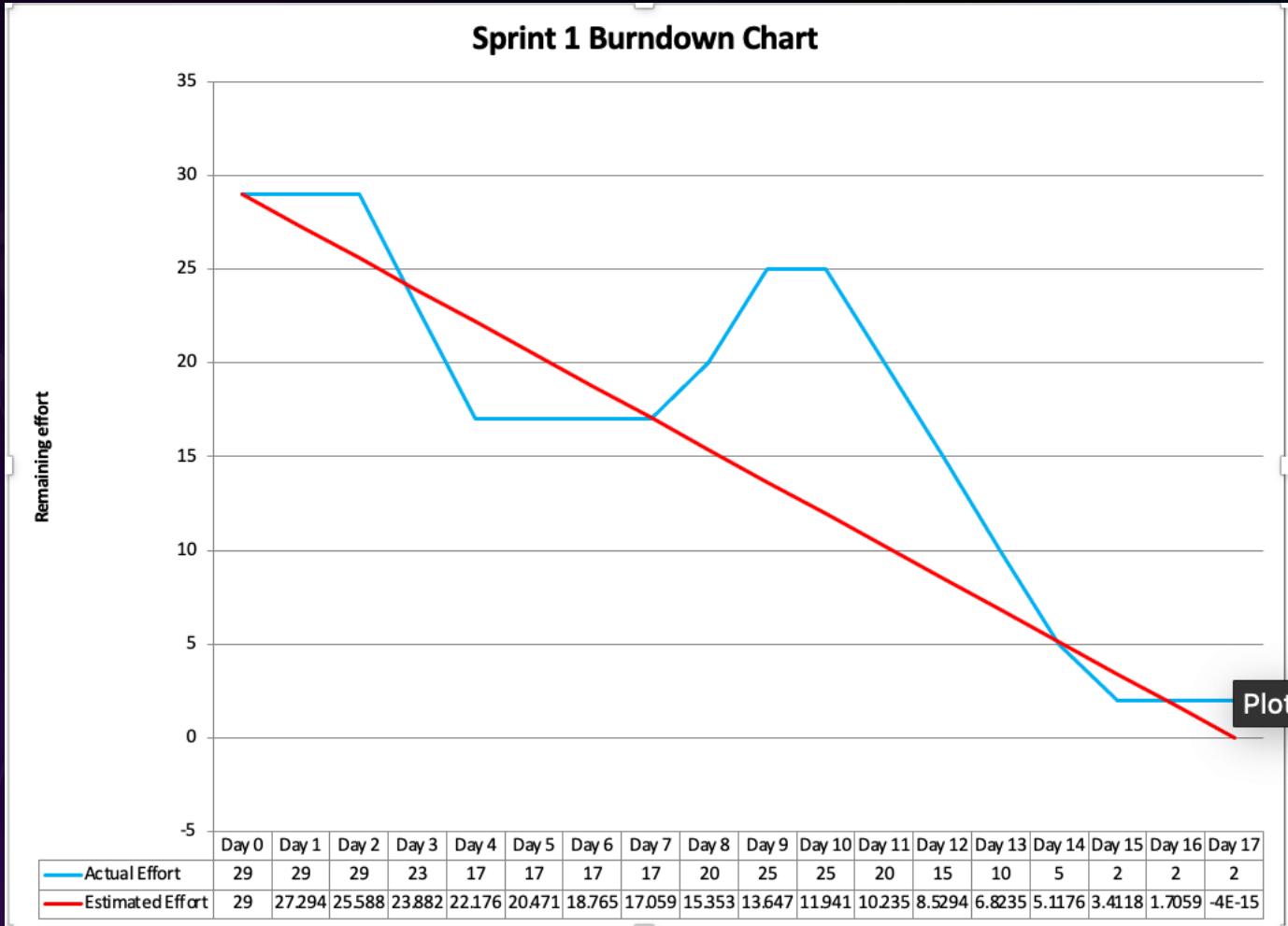
Sprint Backlog for Paintball marker

Backlog Item	Estimate (hours)	Actual (hours)
Mount the paintball marker on to the robot arm	2	1
Wire the electric/solenoid valve to the PLC	1	0
Buy Safety gear	1	0
3D print mounting bracket for paintball marker	3	2

Sprint Backlog for Safety

Backlog Item	Estimate (hours)	Actual (hours)
Light tower	6	4
Standard wiring – OSHA and NFPA Standards	1	2
Canvas/ Board for painting	1	0
Revise safety documentation	2	2

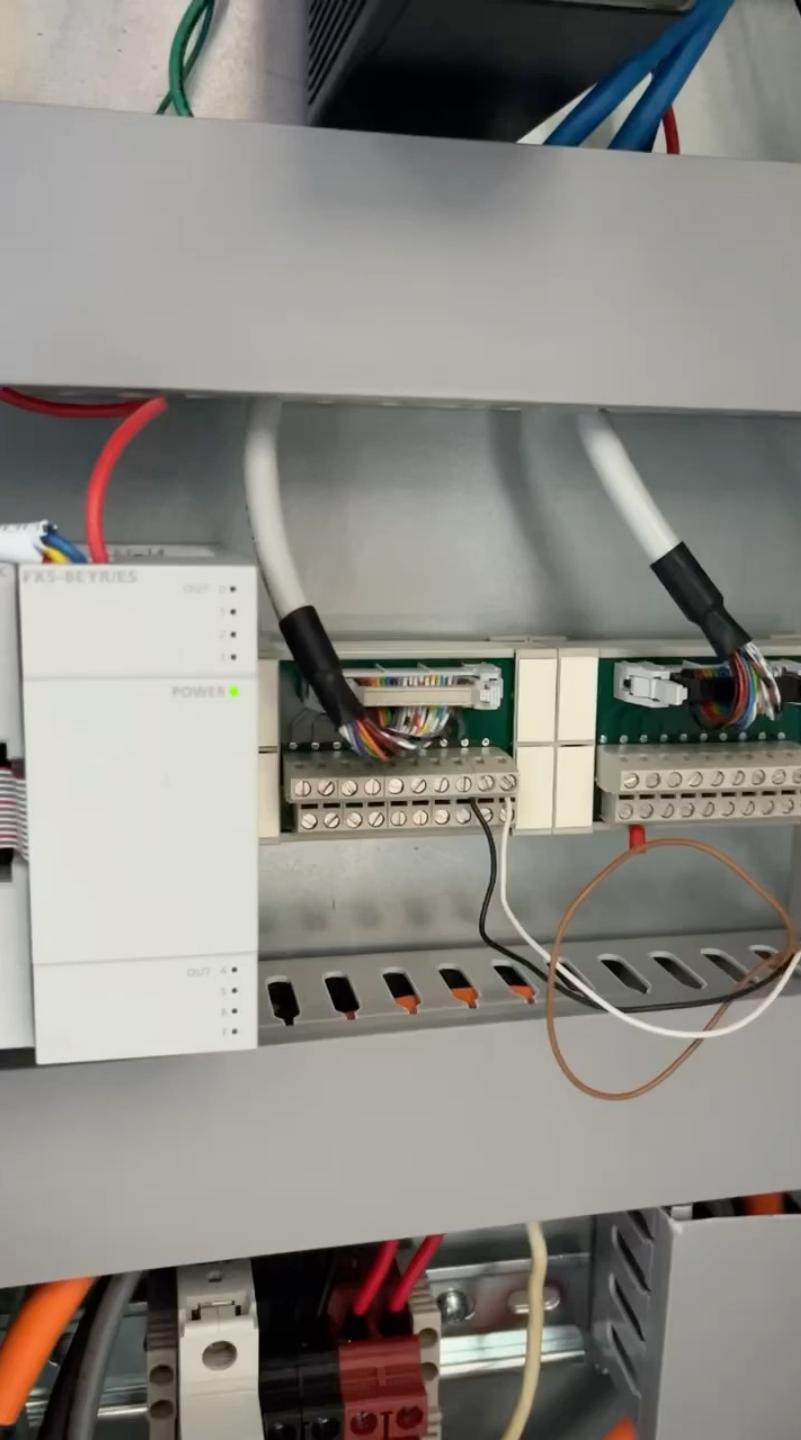
Burndown Chart



Brief Demo



Brief Demo.



Questions?
