



ROBO CREW

SPRINT 8 REVIEW

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Sprint Goal

Our goal for Sprint 8 was to mount the air brush and finalize the robot movement and concluding the code.

NOTE:

Our team moved away from the paintball marker idea and adopted the airbrush application during the middle of the sprint. This Sprint Review reflects the new changes.

Product Backlog

Backlog Item	Estimate (hours)	Actual (hours)
Mount the air brush and compressor	13	7.5
installing pneumatic line for the air brush	8	1
Programming the pattern movement	13	17.5

Sprint Backlog for Mounting

Backlog Item	Estimate (hours)	Actual (hours)
Print a holder for the airbrush	4	2
Order an airbrush marker	1	1
Connect the airbrush to the PC to communicate	5	2
Mount the airbrush on to the robot arm	1	1
Order and mount canvas	2	1.5

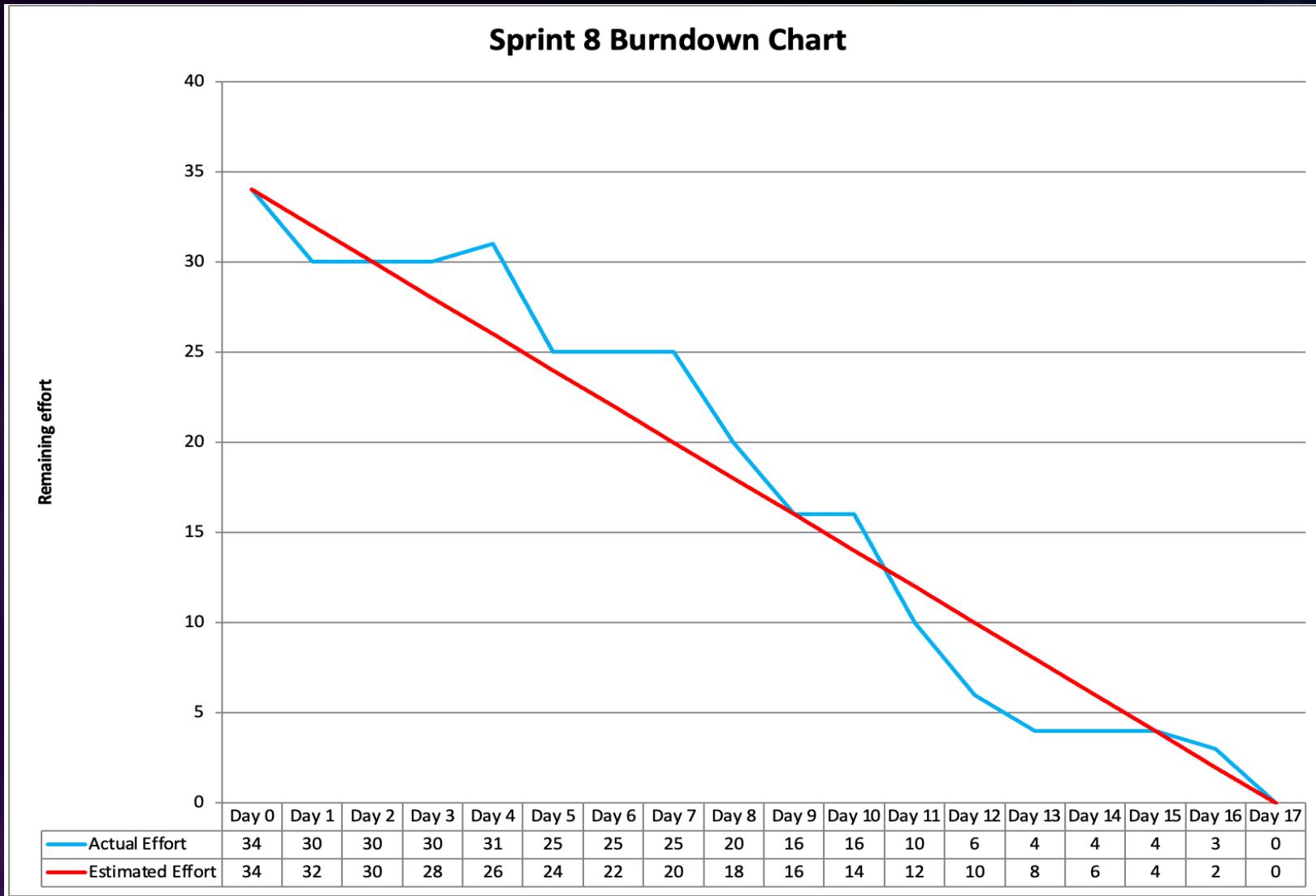
Sprint Backlog for Pneumatic Line

Backlog Item	Estimate (hours)	Actual (hours)
Connect the electric/solenoid valve to the airbrush	6	0.5
Wire the electric/solenoid valve to the PLC	2	0.5

Sprint Backlog for Programming

Backlog Item	Estimate (hours)	Actual (hours)
Establish connection between GXWorks3 and RT Toolbox3	2	4
Program the PLC	6	2
Program different movements of the robot arm	3	10
Documentation	2	1.5

Burndown Chart



Questions?
