ROBO CREW

SPRINT 5 REVIEW

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Sprint Goal

Our goal for Sprint 5 was to design and acquire paintball marker and holder to install onto the robot arm and completing the Detailed Design Specification.

Product Backlog

Backlog Item	Estimate (hours)	Actual (hours)
Detailed Design Specification (DDS)	10	10
Designing / acquiring paintball gun and holder	30	20

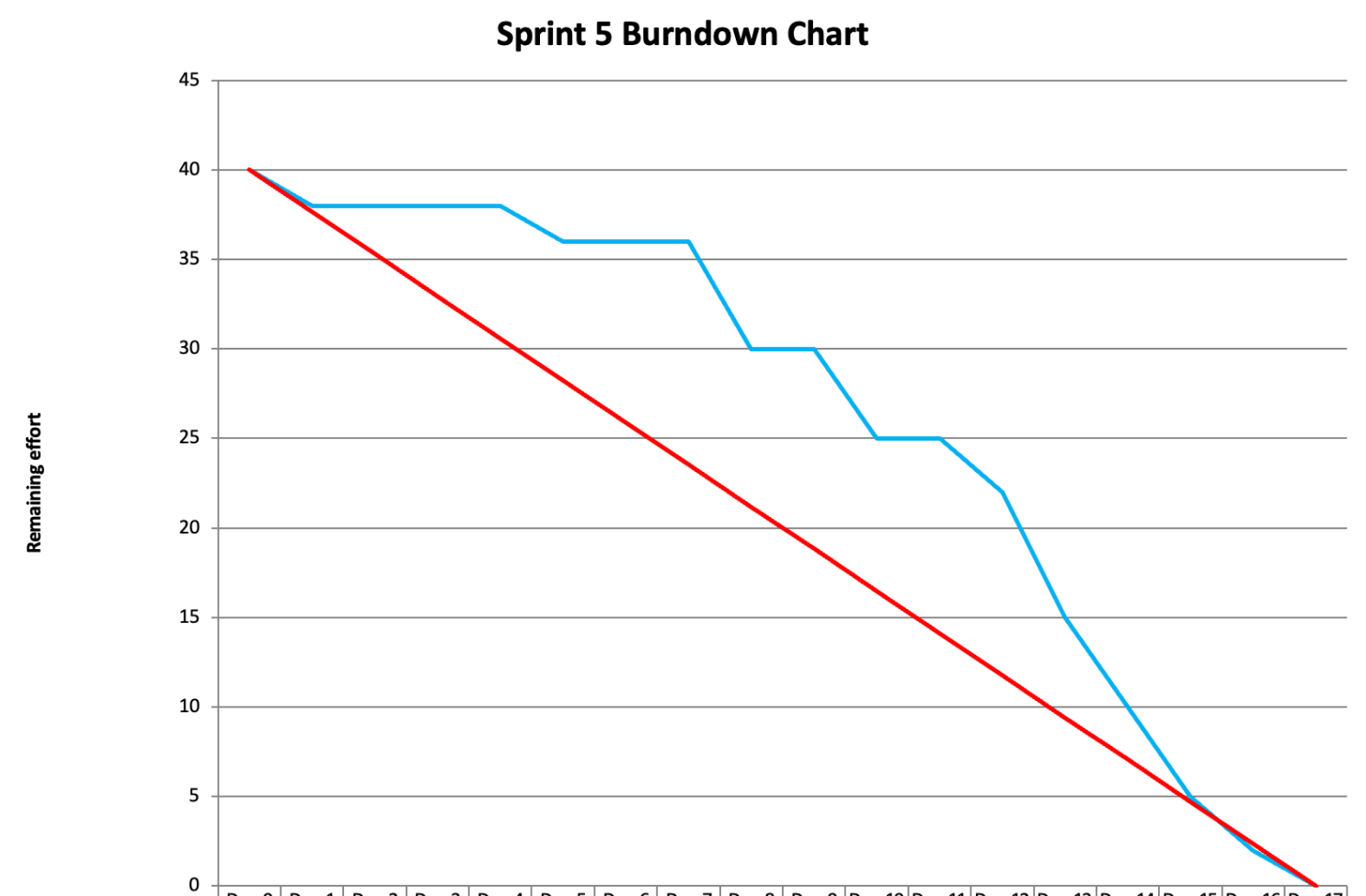
Sprint Backlog for DDS

Backlog Item	Estimate (hours)	Actual (hours)
Introduction / System Overview	1	1
Input Layer	3	3
Processing Layer	3	3
Robot Arm Layer	2	2
Indicator Layer	1	1

Sprint Backlog for Equipment

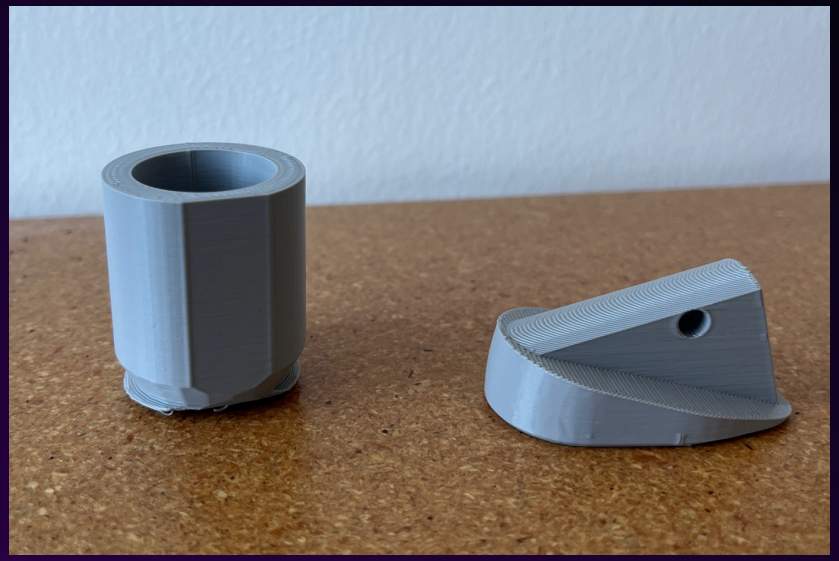
Backlog Item	Estimate (hours)	Actual (hours)
Research electric trigger and wiring	6	4
Prototyping the holder	5	5
Read manuals + documentation	8	6
Robot maintenance (error fixing)	10	5
Buy safety gear	1	0

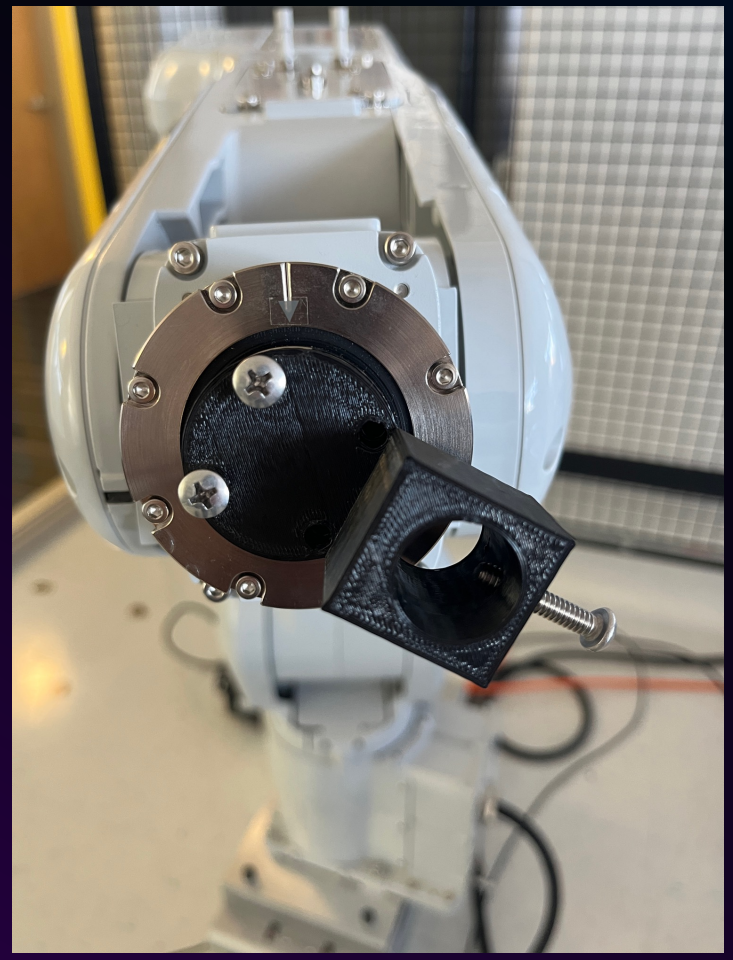
Burndown Chart



	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17
Actual Effort	40	38	38	38	38	36	36	36	30	30	25	25	22	15	10	5	2	0
Estimated Effort	40	37.647	35.294	32.941	30.588	28.235	25.882	23.529	21.176	18.824	16.471	14.118	11.765	9.4118	7.0588	4.7059	2.3529	0

Brief Demo





Questions?